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LIMITED SITE INVESTIGATION
CITY OF HOUSTON - VACANT LAND
800 BLOCK NORTH VELASCO STREET
HOUSTON, HARRIS COUNTY, TEXAS

Terracon Project No. 92067647
November 20, 2006

Prepared for:

City of Houston Mayor's Office
Brownfields Redevelopment Program
900 Bagby, 2nd Floor
Houston, Texas, 77022

Prepared by:

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November 20, 2006

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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

Terracon
Consulting Engineers & Scientists

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LIMITED SITE INVESTIGATION

CITY OF HOUSTON - VACANT LAND
800 BLOCK N. VELASCO STREET
HOUSTON, HARRIS COUNTY, TEXAS

Terracon Project No. 92067647

1.0 INTRODUCTION

1.1 Scope of Work

Terracon Consultants, Inc. (Terracon) conducted a Limited Site Investigation (LSI) at the City of Houston (COH) vacant land (Blocks 6, 7, 8, and 9) located at the 800 Block N. Velasco Street in Houston, Harris County, Texas. A Site Vicinity Map is included as Figure 1 that shows the site in relation to the surrounding area. The LSI was conducted in accordance with Terracon Proposal No. 92-1532E-06 dated August 14, 2006.

The scope of work was based on the results of a Phase I Environmental Site Assessment (ESA) report dated April 2006 conducted by Weston Solutions, Inc. (Block 6). The Phase I ESA identified that the southern portion of the site (Block 6) was the location of a municipal incineration facility that operated in the 1950s and 1960s. The incinerator was shut down in the late 1960s and the associated structures were removed. With the exception of a City-owned lift station at the southeastern corner of Block 7, the site is vacant with no structures. A concrete slab approximately 100-feet by 250-feet covers a portion of the site (Block 6). The remainder of Block 6 is unpaved (grass covered). Blocks 7, 8 and 9 are higher in elevation and heavily overgrown with vegetation. A groundwater monitor well reportedly associated with closure of the adjacent property is located in the northwestern portion of Block 6. No additional information concerning the monitor well was available. The significant findings from the ESA as summarized by Weston include the following:

- A municipal incineration facility was located at the property (Block 6). Incinerator ash from municipal incinerators that operated in the 1930s to 1950s typically had high concentrations of lead. Information on ash handling operations at the property is not available. However, the potential exists for impact to the property from past incineration operations.

- A lead reclamation facility (Lead Products) is located immediately adjacent to the property to the south. The area immediately south of Block 6 had been used for storage of lead-acid battery casings in the past and runoff from this area may have impacted the site.

The objective of the LSI was to investigate the soil and groundwater at the site for the presence of chemicals of concern (COCs), including total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and the eight Resource Conservation and Recovery Act (RCRA) metals, that may have been released from the aforementioned RECs.

1.2 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report.

1.3 Additional Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.4 Reliance

This report has been prepared for the exclusive use of the City of Houston. Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the City of Houston and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, LSI report, and Terracon's contract with the City of Houston.

2.0 FIELD ACTIVITIES

2.1 Soil Borings and Monitor Wells

The LSI was conducted on September 6, 11, 13, 14, 15, 19, and 20, 2006. Mr. Josh McFarlain of Terracon was present during the field activities to direct the work, log the borings, and collect samples. Twenty three shallow soil borings (B-1 through B-23) and six deeper soil borings (MW-1 through MW-6) were advanced on-site for the purposes of the LSI. Figure 2 is a Site Plan that shows the location of the soil borings/monitor wells in relation to the pertinent structures and site boundaries.

Drilling services were performed by a State of Texas licensed Monitor Well Driller. The shallow borings were advanced to depths of 8 to 16 feet below ground surface (bgs) using a tractor-mounted direct-push technology (DPT) rig. The monitor wells were advanced to depths of 40 to 55 feet bgs using a hollow stem auger (HSA) drilling rig. Sampling equipment was cleaned using an Alconox® wash and potable water prior to the beginning of the project and before collecting each soil sample.

Soil cores from the shallow soil boring were collected continuously from the surface to a depth of 16 feet bgs using four-foot-long sampler barrels with acetate liners. Soil cores from the deeper soil borings were collected continuously from the surface to a depth of 55 feet bgs using five-foot-long split-spoon sampler barrels. The soil cores were examined in the field to document lithology, color, moisture content, and visual or olfactory evidence of chemical impact. The samples were also scanned with an organic vapor monitor (OVM) equipped with a photoionization detector (PID) to detect the presence of volatile organic vapors.

The lithologies encountered generally consisted of a black to brown fill material with glass fragments followed by varying layers of clay, silt, and sand. Detailed lithologic descriptions are presented on the soil boring logs included in Appendix A. The inferred depths of fill material are further discussed in Section 3.

At the completion of drilling, the deep soil borings MW-1A through MW-6 were converted to monitor wells. MW-1, completed to 25 feet bgs, did not yield groundwater and was plugged and abandoned. MW-1A was advanced adjacent to MW-1 to a depth of 40 feet bgs. Each monitor well consisted of 10 feet of 2-inch-diameter polyvinyl chloride (PVC) well screen with 0.010-inch slots, a threaded bottom cap, and a sufficient length of 2-inch-diameter PVC riser pipe to reach the surface. A filter pack consisting of 20-40 mesh silica sand was placed into the annular space from the bottom of the boring to approximately 2-feet above the screened interval. A two foot

thick bentonite seal was placed above the filter pack. The remaining annular space was filled with a bentonite/grout seal. The monitor well was completed at the surface using a 4-foot-steel-protector anchored into 4-foot by 4-foot by 4-inch-thick concrete pad.

After installation, the monitor wells were developed by removing groundwater with a submersible pump and dedicated plastic tubing until the purge water was relatively free of fine-grained sediment. Approximately 40 to 45 gallons of purge water was removed from each monitor well during development activities.

The elevation of the top of casing of each monitor well was surveyed to 1/100 of a foot by a licensed land surveyor. The assumed vertical datum was a fire hydrant located at the southeast corner of the site (north bolt elevation 34.46 feet). The depth to water in each well was measured from the top-of-casing after it had stabilized and the relative groundwater elevations are summarized in Table 3. A groundwater gradient map was developed from the measured depth-to-water levels as presented in Figure 3. Based on the groundwater contours, it appears that the groundwater flow direction is generally towards the north, towards Buffalo Bayou.

Soil cuttings, purge water and decontamination water generated during the investigation were placed in Department of Transportation (DOT) approved, 55-gallon steel drums, appropriately labeled with project-specific information and date. Seventeen drums containing soil cuttings and seven drums containing groundwater and decontamination water were generated as part of the LSI. The drums are stored on-site pending characterization and disposal of the waste.

2.2 Soil and Groundwater Sampling

The soil sampling program involved submitting soil samples from the shallow soil borings for laboratory analysis from the near surface soil (surface to 2 feet bgs) and from the terminal interval of the soil borings, typically either approximately 8 or 16 feet bgs.

Soil samples from the deeper soil borings were to be collected from the zone exhibiting the highest concentration of volatile organic compounds based on visual, olfactory or PID evidence (if any). If no evidence of chemical impact was identified in the field, soil samples were to be collected from the native soil beneath the fill material and analyzed for TPH, VOCs, and SVOCs. After the monitor wells had been developed, the groundwater level within each monitor well was allowed to stabilize for a period of at least 48-hours. Prior to measuring the depth to groundwater, the caps of the monitor wells were removed to facilitate groundwater stabilization.

The depth to groundwater was measured using a water level indicator. Upon completion of the measurements, the monitor wells were sampled using low-flow sampling techniques. This consisted of purging groundwater at an approximate flow rate between 100 to 200 milliliters per minute (mL/m) into a Horiba flow through cell. Prior to the collection of groundwater samples, pH, temperature, conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), and turbidity were measured and allowed to stabilize.

A summary of the sample collection intervals and sample media is provided below, and are shown on the boring logs in Appendix A.:

Soil boring B-1

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs from the terminal depth of the soil boring and placed on hold at the laboratory.

Soil boring B-2

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-3

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory,
- A blind duplicate soil sample (DUP-1) was collected for QC purposes from 0 to 2 feet bgs at B-3.

Soil boring B-4

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-5

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-6

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-7

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-8

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-9

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-10

- A soil sample was collected from 3 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-11

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-12

- A soil sample was collected from 0 to 2 feet bgs from the near surface soil,
- A soil sample was collected from 6 to 8 feet bgs and placed on hold at the laboratory.

Soil boring B-13

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 14 to 15 feet bgs and placed on hold at the laboratory.

Soil boring B-14

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 13 to 14 feet bgs and placed on hold at the laboratory,
- A blind duplicate soil sample (DUP-2) was collected for QC purposes from 2 to 4 feet bgs at B-14.

Soil boring B-15

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 14 to 15 feet bgs and placed on hold at the laboratory.

Soil boring B-16

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-17

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-18

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-19

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-20

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-21

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-22

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring B-22

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 15 to 16 feet bgs and placed on hold at the laboratory.

Soil boring / Monitor Well MW-1

- A soil sample was collected from 17 to 18 feet bgs from the capillary fringe.

Soil boring / Monitor Well MW-1A

- A soil sample was collected from 33 to 34 feet bgs from the capillary fringe and placed on hold at the laboratory,
- A groundwater sample was collected from MW-1A installed to a depth of 40 feet bgs.

Soil boring / Monitor Well MW-2

- A soil sample was collected from 16 to 17 feet bgs from the capillary fringe,
- A groundwater sample was collected from MW-2 installed to a depth of 45 feet bgs.

Soil boring / Monitor Well MW-3

- A soil sample was collected from 17 to 18 feet bgs,
- A soil sample was collected from 33 to 34 feet bgs from the capillary fringe,
- A groundwater sample was collected from MW-3 installed to a depth of 40 feet bgs.

Soil boring / Monitor Well MW-4

- A soil sample was collected from 2 to 4 feet bgs from the near surface soil,
- A soil sample was collected from 47-48 feet bgs from the capillary fringe,
- A groundwater sample was collected from MW-4 installed to a depth of 55 feet bgs.

Soil boring / Monitor Well MW-5

- A soil sample was collected from 31 to 32 feet bgs from interval exhibiting the highest OVM/PID reading,
- A blind duplicate soil sample (DUP-3) was collected from MW-5 (31-32) feet bgs,
- A groundwater sample was collected from MW-5 installed to a depth of 50 feet bgs.

Soil boring / Monitor Well MW-6

- A soil sample was collected from 43 to 44 feet bgs from the capillary fringe,
- A groundwater sample was collected from MW-6 installed to a depth of 50 feet bgs.

Soil and groundwater samples collected for analysis were placed in laboratory prepared glassware, sealed with custody tape and placed on ice in a cooler which was secured with a custody seal. The sample cooler and completed chain-of-custody form were relinquished to e-Lab Analytical in Houston, Texas, for analysis.

3.0 INFERRED DEPTH OF FILL

Based on the results of the LSI, the fill material consists of dark brown to black ash mixed with silt/sand and broken glass fragments. The depth of fill varies from approximately 4 to 10 feet bgs at the northern portion of Bock 6 to approximately 35 feet bgs at monitor well MW-6 located at the central portion of Block 9. Figure 4 presents the inferred depth of the fill and Figure 5 is a generalized cross-section view of the fill.

4.0 LABORATORY ANALYTICAL PROGRAM

The analytical program was based on the potential environmental concerns identified during the ESA. The soil samples collected from shallow soil borings were analyzed for RCRA metals using United States Environmental Protection Agency (EPA) test method 6020B/7471A. The soil sample collected from the deeper soil borings were analyzed for TPH using Texas Commission on Environmental Quality (TCEQ) test method TX1005, VOCs using EPA test method 8260B, and Semi-Volatile Organic Compounds (SVOC) using EPA test method 8270C. The groundwater samples were analyzed for TPH using TCEQ test method TX1005, VOCs using EPA test method 8260B, SVOC using EPA test method 8270C, and RCRA metals using EPA test method 6020B/7470A.

The soil sample analytical results have been summarized in Tables 1 and 1A. The groundwater sample analytical results have been summarized in Table 2. A copy of the analytical report and chain-of-custody form is included in Appendix B. An evaluation of the analytical results is presented below.

5.0 INVESTIGATION RESULTS AND EVALUATION

For the purpose of evaluating if the measured concentrations of COCs detected in the soil and groundwater samples may constitute an "affected property" and be subject to corrective action under the TCEQ Texas Risk Reduction Program (TRRP – 30 TAC 350), Terracon compared the concentrations of the above-referenced compounds detected in soil and groundwater to the respective TRRP action levels defined in the TRRP guidance document *Determining Which*

Releases are Subject to TRRP (dated October 21, 2003). The referenced guidance defines soil and groundwater action levels as "the lowest applicable Tier 1 residential protective concentration level (PCL) for a given COC, assuming a 0.5-acre source area and a Class 1 groundwater." The Texas Median Specific Background Concentrations (TSBCs) established under the TRRP (30 TAC 350.51(m)) may also be used as the action levels for metals in soil. The TCEQ uses the action levels to determine if a site has been "affected" by a reported release of COCs. If COCs are detected at concentrations at or exceeding their respective action levels, the property is considered to be "affected" and TRRP-defined corrective action (including an affected property assessment and possible response actions) may be required by the TCEQ to secure regulatory closure.

The action level for each COC is equivalent to its most conservative Tier 1 PCL for the various potential exposure pathways at a residential site (i.e. $^{Total}Soil_{comb}$, $^{GW}Soil_{Ing}$, $^{Air}Soil_{Ing\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh}$ for soil concentrations and $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}V}$ for groundwater concentrations) established under TRRP or, for metals, the TSBC. For the COCs identified in soils at the site, the assessment levels were the Tier 1 PCL for $^{GW}Soil_{Ing}$ exposure pathway, except for the RCRA metals arsenic, lead, and mercury which was the TSBC. For the COC detected in groundwater, the action level represents the Tier I PCL for the $^{GW}GW_{Ing}$ exposure pathway.

5.1 Soil Samples

As discussed above, the soil cores recovered from the borings were screened in the field for evidence of chemical impact such as chemical odors or PID readings. PID readings ranging up to 19.7 parts per million (ppm) were detected in the subsurface soil (fill) at a depth of approximately 30 feet below bgs in monitor well MW-5. There was no evidence of chemical impact detected in the soil such as odors, staining or PID readings in the other soil borings/monitor wells.

Arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were detected in the soil samples (fill) at concentrations above the laboratory reporting limits.

Arsenic was detected at concentrations up to 44.6 milligrams per kilogram (mg/kg) which exceeds the action level of 5.9 mg/kg. The action level for arsenic is the TSBC. Arsenic was detected in the soil (fill) samples B-15 (collected 2 to 4 feet bgs), B-21 (collected 2 to 4 feet bgs), and B-23 (collected 2 to 4 feet bgs) at concentrations of 28.8 mg/kg, 24.7 mg/kg, and 44.6 mg/kg, respectively, which exceed the TSBC. The detected concentrations of arsenic in the remaining soil (fill) samples do not exceed the action level. The detected concentrations of

arsenic were also compared to the health-based PCL (^{Total} $Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 24 mg/kg. The detected concentrations of arsenic in the soil (fill) samples B-15 (collected 2 to 4 feet bgs), B-21 (collected 2 to 4 feet bgs), and B-23 (collected 2 to 4 feet bgs) exceed the health-based PCLs.

Barium was detected at concentrations up to 1,440 mg/kg which exceeds the action level of 440 mg/kg. The action level for barium is the soil-to-groundwater PCL ($^{GW}Soil_{Ing}$). Barium was detected in soil (fill) samples B-15 (collected 2 to 4 feet bgs), B-21 (collected 2 to 4 feet bgs), and B-23 (collected 2 to 4 feet bgs) at concentrations of 1,030 mg/kg, 1,440, mg/kg, and 1,180 mg/kg, respectively, which exceed the action level ($^{GW}Soil_{Ing}$). The detected concentrations of barium in the remaining soil (fill) samples do not exceed the action level. The detected concentrations of barium were also compared to the health-based PCL (^{Total} $Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 8,000 mg/kg. The detected concentrations of barium do not exceed the health-based PCLs.

Cadmium was detected at concentrations up to 17.1 mg/kg which exceeds the action level of 1.5 mg/kg. The action level for cadmium is the soil-to-groundwater PCL ($^{GW}Soil_{Ing}$). Cadmium was detected in soil (fill) samples B-15 (collected 2 to 4 feet bgs), B-17 (collected 2 to 4 feet bgs), B-21 (collected 2 to 4 feet bgs), and B-23 (collected 2 to 4 feet bgs) at concentrations of 17.1, mg/kg, 2.05 mg/kg, 6.47 mg/kg, and 5.06 mg/kg, respectively, which exceed the action level ($^{GW}Soil_{Ing}$). The detected concentrations of cadmium in the remaining soil (fill) samples do not exceed the action level. The detected concentrations of cadmium were also compared to the health-based PCL (^{Total} $Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 52 mg/kg. The detected concentrations of cadmium do not exceed the health-based PCLs.

Chromium was detected at concentrations up to 103 mg/kg which did not exceed the action level of 2,400 mg/kg. The action level for chromium is the soil-to-groundwater PCL ($^{GW}Soil_{Ing}$). The detected concentrations of chromium were also compared to the health-based PCL (^{Total} $Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 30,000 mg/kg. The detected concentrations of chromium do not exceed the health-based PCLs.

Lead was detected at concentrations up to 4,510 mg/kg which exceeds the action level of 15 mg/kg. The action level for lead is the TSBC. The concentration of lead detected in nineteen of the twenty-three samples exceeds the TSBC. The detected concentrations of lead in the remaining soil (fill) samples do not exceed the action level. The detected concentrations of lead were also compared to the health-based PCL ($^{Total}Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 500 mg/kg. The detected concentrations of lead in the soil (fill) samples B-3 (collected surface to 2 feet bgs), B-15 (collected 2 to 4 feet bgs), B-21 (collected 2 to 4 feet bgs), and B-23 (collected 2 to 4 feet bgs) at concentrations of 508 mg/kg, 3,700 mg/kg, 3,810 mg/kg, and 4,510 mg/kg exceed the health-based PCLs.

Mercury was detected at concentrations up to 1.18 mg/kg which exceeds the action level of 0.04 mg/kg. The action level for mercury is the TSBC. The concentration of mercury detected in sixteen of the twenty-three samples exceeds the TSBC. The detected concentrations of mercury in the remaining soil (fill) samples do not exceed the action level. The detected concentrations of mercury were also compared to the health-based PCL ($^{Total}Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 3.6 mg/kg. The detected concentrations of chromium do not exceed the health-based PCLs.

Selenium was detected at concentrations up to 1.28 mg/kg which did not exceed the action level of 2.3 mg/kg. The action level for selenium is the soil-to-groundwater PCL ($^{GW}Soil_{Ing}$). The detected concentrations of selenium were also compared to the health-based PCL ($^{Total}Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 310 mg/kg. The detected concentrations of selenium do not exceed the health-based PCLs.

Silver was detected at concentrations up to 12.9 mg/kg which exceeds the action level of 0.48 mg/kg. The action level for silver is the soil-to-groundwater PCL ($^{GW}Soil_{Ing}$). Silver was detected in the soil (fill) samples B-13 (collected 2 to 4 feet bgs), B-15 (collected 2 to 4 feet bgs), B-21 (collected 2 to 4 feet bgs), and B-23 (collected 2 to 4 feet bgs) at concentrations of 0.942, mg/kg, 12.9, mg/kg, 12.2 mg/kg, and 4.0 mg/kg, respectively, which exceed the action level ($^{GW}Soil_{Ing}$). The detected concentrations of silver in the remaining soil (fill) samples do not exceed the action level. The detected concentrations of silver were also compared to the health-based PCL ($^{Total}Soil_{comb}$) derived for protection of persons who encounter impacted soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter of 96 mg/kg. The detected concentrations of silver do not exceed the health-based PCLs.

TPH in the C_6 to C_{12}, C_{12} to C_{28}, and C_{28} to C_{35} carbon range were detected in soil (fill) sample MW-5 (collected 30 to 31 feet bgs) at concentrations of 490 mg/kg, 350 mg/kg, and 41 mg/kg, respectively. The detected concentration of TPH in C_6 to C_{12} carbon range exceeds the TCEQ screening level of 65 mg/kg. The detected concentration of TPH in C_{12} to C_{28} carbon range exceeds the TCEQ screening level of 200 mg/kg. The detected concentration of TPH in C_{28} to C_{35} carbon range did not exceed the TCEQ screening level of 200 mg/kg. TPH constituents were not detected in the remaining soil samples at concentrations above the laboratory detection limits.

Several VOCs including acetone, benzene, carbon disulfide, n-butylbenzene, sec-butylbenzene, toluene, 2-butanone, and/or methylene chloride were detected in several soil samples (fill) at low concentrations that did not exceed their respective action levels.

Several SVOCs including 2-methynaphthalene, benz(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, chrysene, di-n-butyl phthalate, flouranthene, phenanthrene, and pyrene, were detected in several soil samples (fill) at low concentrations that did not exceed their respective action levels.

5.2 Groundwater Samples

Arsenic, barium, chromium, lead, mercury, and selenium were detected in groundwater samples at concentrations above the laboratory reporting limits. Cadmium and silver were not detected in the groundwater samples at concentrations above the laboratory detection limits. The action level for the metals, VOC, and SVOCs detected in the groundwater is the groundwater-ingestion PCL ($^{GW}GW_{Ing}$).

Arsenic was detected at concentrations up to 0.00401 milligrams per liter (mg/l) which did not exceed the action level of 0.01 mg/l. Please note that the detected concentrations of arsenic were flagged as a "J" value by the testing laboratory. A "J" indicates that arsenic was detected at concentrations between the method detection limits and the sample quantitation limits.

Barium was detected at concentrations up to 0.134 mg/l which did not exceed the action level of 2.0 mg/l.

Chromium was detected at concentrations up to 0.0181 mg/l which did not exceed the action level of 0.1 mg/l. Please note that several detected concentrations of chromium were flagged as a "J" value by the testing laboratory.

Lead was detected at concentrations up to 0.0411 mg/l which exceeds the action level of 0.015 mg/l. Please note that several detected concentrations of lead were flagged as a "J" value by the testing laboratory.

Mercury was detected at concentrations up to 0.0000690 mg/l which did not exceed the action level of 0.002 mg/l. Please note that several detected concentrations of chromium were flagged as a "J" value by the testing laboratory.

Selenium was detected at concentrations up to 0.00170 mg/l which did not exceed the action level of 0.002 mg/l. Please note that a detected concentration of selenium was flagged as a "J" value by the testing laboratory.

TPH constituents were not detected in the groundwater samples at concentrations above the laboratory detection limits.

Trichloroethene was the only VOC constituent detected in the groundwater sample collected from MW-1A at a concentration of 0.0052 mg/l which slightly exceeds the action level of 0.005 mg/l. VOCs were not detected in the remaining groundwater samples at concentrations above the laboratory detection limits.

Bis(2-ethylhexyl)phthalate, a SVOC constituent, was detected in five of the six groundwater samples at concentrations up to 0.34 mg/l which exceeds the action level of 0.006 mg/l. Diethylphthalate was detected in the groundwater sample collected from MW-4 at a concentration of 0.0058 mg/l which did not exceed the action level of 58 mg/l. Please note that the detected concentration of diethylphthalate was flagged as a "J" value.

In accordance with the project-specific QAPP, Terracon conducted a data usability review to evaluate the field and laboratory analytical quality control data against the data quality indicators referenced in the QAPP (precision, accuracy, representativeness, completeness, and comparability). The purpose of the data usability review was to document that all recommendations/decisions are supported by data of appropriate quality as it relates to the project-specific Data Quality Objectives (DQOs). The field data usability review consisted of an inspection of the project field notes collected by Terracon personnel during the field sampling activities for indications of significant deviations from Terracon's standard operating procedures (included in the QAPP) or industry standard practices. In addition, analytical results of the laboratory QC samples (method blanks, laboratory control samples and duplicates) and field QC samples (matrix spikes and duplicates) were reviewed for indications of interferences or cross-

contaminations which might subject the data to potential bias. The laboratory data usability review included a review of the reportable data, Laboratory Report Checklists and Exception Reports included with each final data package for documented deviations from the laboratory's standard sample receipt, handling, preparation, and/or analysis procedures (established under 30 TAC 350). In the event that the initial review identified laboratory issues, relevant supporting data was requested from the laboratory to support additional review.

Terracon concluded that the data generated during the LSI sufficiently addressed the referenced data quality indicators to meet the requirements of the project-specific DQOs, and therefore, the data is usable for the intended decision making purposes of this LSI.

6.0 FINDINGS AND RECOMMENDATIONS

Based on the results of the investigation, Terracon provides the following findings and recommendations:

- Arsenic and lead were detected in soil (fill) samples at concentrations that exceed the TSBC and the health-based PCL. Barium, cadmium, mercury, and silver were detected in soil (fill) samples at concentrations that exceed soil-to-groundwater PCL. Selenium was detected in soil (fill) samples at concentrations that did not exceed the soil-to-groundwater PCL.

- TPH constituents detected in the soil (fill) sample MW-5 (collected 30 to 31 feet bgs) slightly exceeded their respective TCEQ screening levels. TPH constituents were not detected in the remaining soil (fill) samples at concentrations above the laboratory detection limits.

- VOC constituents were detected in several soil (fill) samples at low concentrations that did not exceed their respective action levels.

- SVOC constituents were detected in several soil (fill) samples at low concentrations that did not exceed their respective action levels.

- Arsenic, barium, chromium, mercury, and selenium were detected in groundwater samples at concentrations that did not exceed their respective groundwater-ingestion

PCLs. Lead was detected in a groundwater sample at a concentration that exceeds the groundwater-ingestion PCL. Cadmium and silver were not detected in the groundwater samples at concentrations above the laboratory detection limits.

- Trichloroethene was the only VOC constituent detected at a concentration that slightly exceeds the groundwater-ingestion PCL (groundwater sample collected from MW-1A). VOCs were not detected in the remaining groundwater samples at concentrations above the laboratory detection limits.

- Bis(2-ethylhexyl)phthalate, a SVOC constituent, was detected in five of the six groundwater samples at concentrations that exceed the groundwater-ingestion PCL. Diethylphthalate was detected in the groundwater sample collected from MW-4 at a concentration that did not exceed the groundwater-ingestion PCL.

- It should be noted that in accordance with Chapter 26 of the Texas Water Code, upon confirmation of impact to groundwater, the owner/operator of the facility where impact was identified may have reporting requirements to the TCEQ and others.

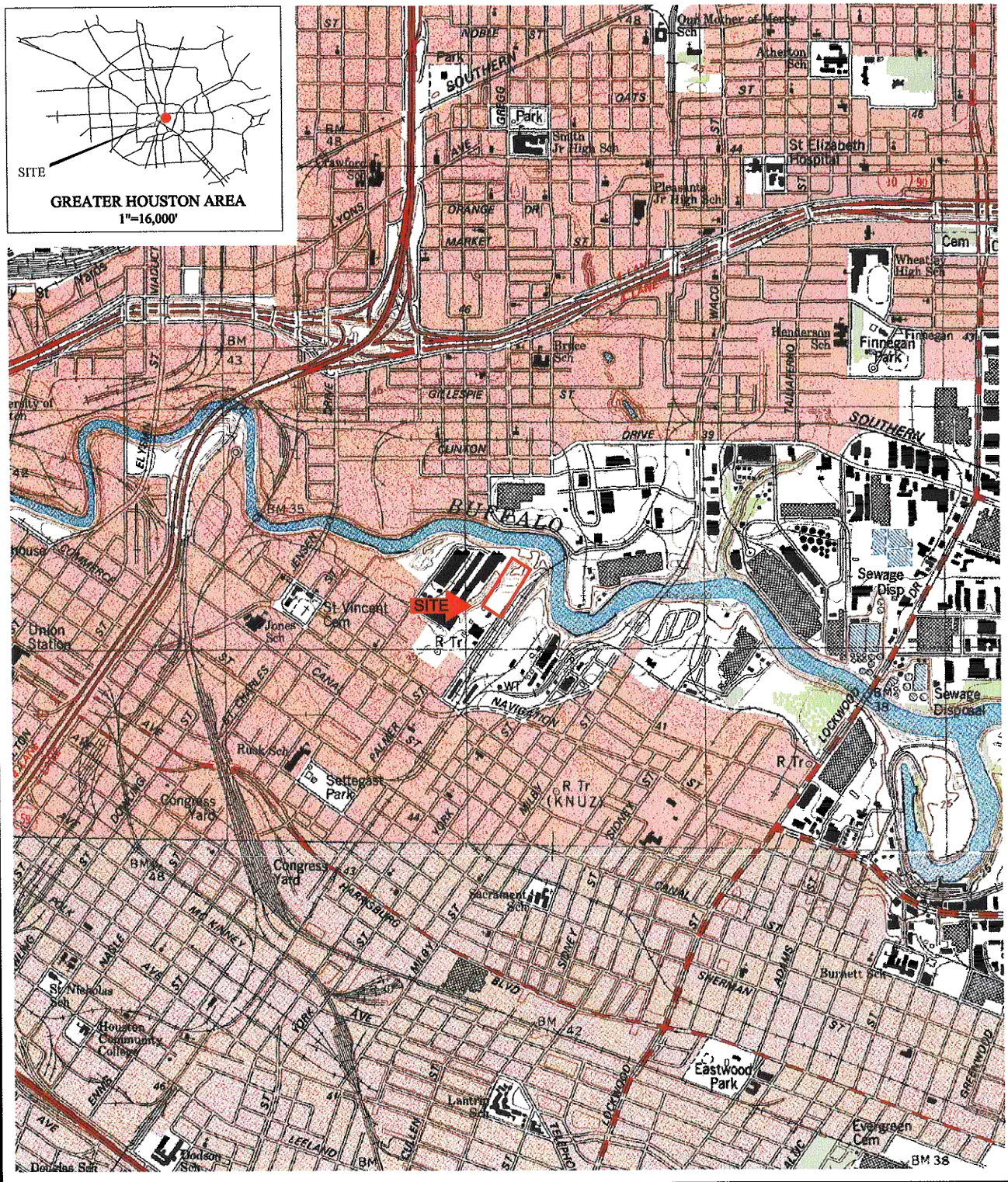
- If the affected soil and/or groundwater are to be disturbed during future excavations, proper procedures should be followed with respect to worker health and safety, and any affected soil or groundwater encountered should be properly handled and disposed in accordance with local and state regulations.

- Based on the results of the LSI, it is the opinion of Terracon that, if reported to the TCEQ, the agency might consider the site to be "affected" and may require additional corrective action to secure regulatory closure of the site.

- The Phase I Environmental Site Assessment (ESA) report dated April 2006 conducted by Weston Solutions, Inc., included only Block 6 of the site. Terracon recommends that a Phase I ESA be conducted on Blocks 7, 8, and 9 of the site to evaluate the historical uses of the site.

- The investigation-derived waste materials (soil cuttings and purge water) generated during the investigation are in the process of being characterized and disposed at an off-site regulated waste handling facility by Terracon.

FIGURES



USGS TOPOGRAPHIC QUADRANGLE MAP

Settegast, Texas

Terracon
Consulting Engineers & Scientists

Revised: 1982

APPROXIMATE SCALE 1"= 2000'

0 1000' 2000'

N

Vacant Land
800 Block North Velasco
Houston, Texas

TERRACON PROJECT NO. 92067647

Prepared By: REW

Approved By: PR

FIGURE 1:
SITE VICINITY MAP

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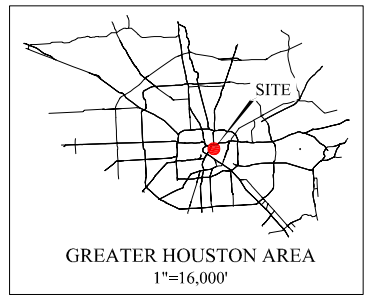


B-23
B-21
MW-6
BLOCK 9
B-22
B-19
B-20
B-17
B-18
MW-5
MW-4
BLOCK 8
B-16
B-13
B-14
B-7
B-15
BLOCK 7
EXISTING MONITOR WELL
B-8
B-6
B-12
B-5
BLOCK 6
B-9
MW-3
MW-2
B-10
B-4
B-3
B-11
MW-1(P&A)
MW-1A
B-2
B-1

NOTE: 2002 AERIAL PHOTOGRAPH / HARRIS COUNTY APPRAISAL DISTRICT PARCEL BOUNDARIES COURTESY OF CITY OF HOUSTON GEOGRAPHIC INFORMATION AND MANAGEMENT SYSTEM (GIMS).
http://pwegis.pwe.ci.houston.tx.us/

LEGEND

- SITE BOUNDARY
- HARRIS COUNTY APPRAISAL DISTRICT PARCEL BOUNDARY
- B-1 ● SOIL BORING LOCATION
- MW-2 ⊕ MONITOR WELL LOCATION
- (P&A) PLUGGED AND ABANDONED

0 120' 240'

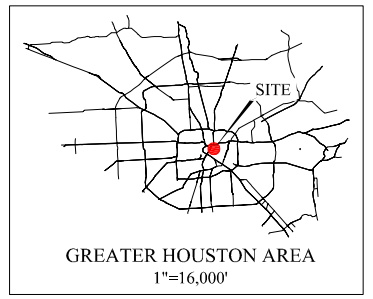
APPROXIMATE SCALE: 1"=120'

Terracon
Consulting Engineers & Scientists

Figure 2
Site Plan - Aerial Photograph Overview
Vacant Land
800 Block North Velasco
Houston, Texas

DRAWN BY: REW	SCALE: AS SHOWN	TERRACON NO:	
CHECKED BY: PR	DATE: 11-21-2006	92067647	

N:\ENV\dox\2006\Drafting\92067647\92067647 Boring Loc.dwg



MW-6
(8.41)

MW-5
(9.30)

MW-4
(10.07)

MW-3
(13.33)

MW-2
(11.89)

MW-1A
(12.33)

EXISTING MONITOR WELL
(DRY)

MW-1 (P&A)

9.50
9.00
10.00
10.50
11.00
11.50
12.00
13.00
12.50

GROUNDWATER FLOW DIRECTION

LEGEND

- SITE BOUNDARY
- HARRIS COUNTY APPRAISAL DISTRICT PARCEL BOUNDARY
- MW-2 (11.89) MONITOR WELL LOCATION WITH GROUNDWATER ELEVATION IN FEET
- RELATIVE GROUNDWATER ELEVATION CONTOUR
- (P&A) PLUGGED AND ABANDONED

0 120' 240'

APPROXIMATE SCALE: 1"=120'

NOTE: 2002 AERIAL PHOTOGRAPH / HARRIS COUNTY APPRAISAL DISTRICT PARCEL BOUNDARIES COURTESY OF CITY OF HOUSTON GEOGRAPHIC INFORMATION AND MANAGEMENT SYSTEM (GIMS).
http://pwegis.pwe.ci.houston.tx.us/

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Figure 3
Groundwater Gradient Map
(September 20, 2006)
Vacant Land
800 Block North Velasco
Houston, Texas

DRAWN BY: REW	SCALE: AS SHOWN	TERRACON NO:
CHECKED BY: PR	DATE: 11-21-2006	92067647

N:\ENV\dox\2006\Drafting\92067647\92067647 GWGM 2006-09-20.dwg

B-23 [16+]
B-23
A'
B-21 [16+]
BLOCK 9
B-19 [16+]
MW-6 [35]
B-22 [16+]
B-17 [16+]
BLOCK 8
B-20 [16+]
MW-4 [33]
B-18 [16+]
MW-5 [21]
B-13 [16+]
B-16 [16+]
B-7 [8+]
B-14 [16+]
BLOCK 7
B-15 [16+]
B-6 [NO FILL]
B-8 [8+]
B-5 [NO FILL]
B-12 [NO FILL]
BLOCK 6
MW-3 [10]
B-9 [16+]
B-4 [NO FILL]
MW-2 [NO FILL]
B-10 [2]
MW-1(P&A)
B-11 [NO FILL]
B-3 [NO FILL]
MW-1A
RR
A
B-2 [NO FILL]
B-1 [NO FILL]
PVT
PVT
PVT
PVT

0 120' 240'

APPROXIMATE SCALE: 1"=120'

LEGEND

- SITE BOUNDARY
- WATERWAY
- RAILROAD TRACKS
- GENERALIZED CROSS SECTION
- B-1 — SOIL BORING LOCATION
- MW-2 — MONITOR WELL LOCATION
- [10] — DEPTH OF FILL MATERIAL IN FEET
- [16+] — FILL DEPTH GREATER THAN TOTAL DEPTH OF BORING
- (P&A) — PLUGGED AND ABANDONED

Terracon
Consulting Engineers & Scientists

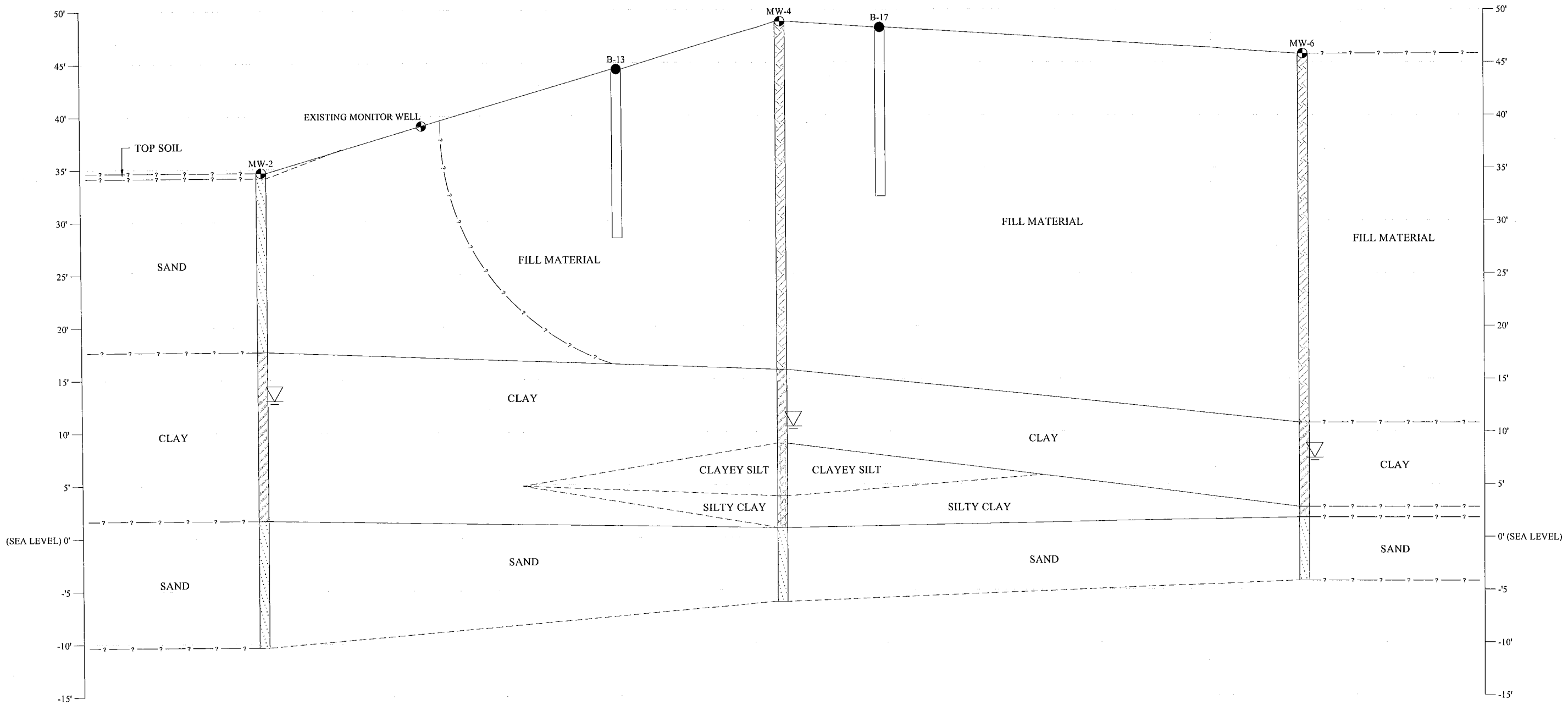
Figure 4
Inferred Depth of Fill
Vacant Land
800 Block North Velasco
Houston, Texas

DRAWN BY: REW	SCALE: AS SHOWN	TERRACON NO: 92067647
CHECKED BY: PR	DATE: 11-21-2006	

N: \ENV\dox\2006\Drafting\92067647\92067647 Fill Depths.dwg

A
SOUTHWEST

A'
NORTHEAST



LEGEND

▽ GROUNDWATER LEVEL SEPTEMBER 19 & 20, 2006

0 10' 20'
VERTICAL SCALE: 1"= 10'

0 60' 120'
HORIZONTAL SCALE: 1"= 60'

Terracon
Consulting Engineers & Scientists

Figure 5
Generalized Cross Section A - A'
Vacant Land
800 Block North Velasco
Houston, Texas

DRAWN BY: REW	SCALE: AS SHOWN	TERRACON NO: 92067647
CHECKED BY: PR	DATE: 11-7-2006	

N:\ENV\.dox\2006\Drafting\92067647\92067647 Cross Section A.dwg

TABLES

TABLE 1 - SUMMARY OF SOIL ANALYTICAL RESULTS
TABLE 2 - SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
TABLE 3 - SUMMARY OF DEPTH TO GROUNDWATER MEASUREMENTS

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS
City of Houston
800 Block North Velasco
Houston, Harris County, Texas

(all concentrations are in milligrams per kilogram)

Sample Number	Sample Depth	Sample Date	Metals (EPA 6020B/7471A)							
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
B-1	0-2	9/6/2006	0.559	21.3	<0.032	7.57	7.41	0.0129	0.395 J	<0.022
B-2	0-2	9/6/2006	0.896	24.8	<0.032	7.33	5.76	**0.391**	0.461 J	<0.022
B-3	0-2	9/6/2006	1.75	32.6	0.221 J	11.3	**508**	0.0322	0.703	<0.022
DUP-1	B-3 (0-2)	9/6/2006	1.39	39.4	0.316 J	10.6	**435**	**0.066**	0.579	0.0358
B-4	0-2	9/6/2006	1.68	45.7	<0.031	4.15	6.19	0.00338 J	0.473 J	<0.020
B-5	0-2	9/6/2006	1.06	65.2	<0.030	3.49	6.47	0.00754 J	0.387 J	<0.020
B-6	0-2	9/6/2006	1.52	30.7	<0.038	3.73	6.53	0.00313 J	0.389 J	<0.025
B-7	0-2	9/6/2006	2.52	54.8	<0.032	4.5	**16.2**	<0.00518 J	0.427 J	<0.022
B-8	0-2	9/6/2006	1.43	85	0.453 J	8.13	**268**	**0.43**	0.389 J	0.236 J
B-9	0-2	9/6/2006	5.11	150	0.631	18.3	**197**	**0.0691**	0.804	0.243 J
B-10	3-4	9/6/2006	1.97	254	0.594	10.3	**150**	0.0204	0.665	0.254 J
B-11	0-2	9/6/2006	1.33	16.4	<0.032	7.92	7.68	0.0057 J	0.75	<0.021
B-12	2-4	9/11/2006	3.58	105	0.262 J	6.86	**183**	0.017	0.519 J	0.100 J
B-13	2-4	9/11/2006	3.77	244	1.42	12.9	**457**	**0.623**	0.619	**0.942**
B-14	2-4	9/11/2006	2.47	109	0.233 J	10.1	**73.1**	**0.076**	0.62	<0.021
DUP-2	B-14 (2-4)	9/11/2006	3.86	115	0.324 J	11.4	**81.7**	**0.716**	0.529 J	<0.531
B-15	2-4	9/11/2006	**28.8**	**1030**	**17.1**	103	**3,700**	**1.18**	1.28 J	**12.9**
B-16	2-4	9/11/2006	4.13	216	0.690	11.2	**208**	**0.570**	0.57	0.404 J
B-17	2-4	9/11/2006	4.49	143	**2.05**	13.4	**151**	**0.244**	0.692	0.443 J
B-18	2-4	9/11/2006	1.36	68.8	0.456 J	4.53	**16.4**	**0.0986**	0.372 J	<0.024
B-19	2-4	9/11/2006	3.55	202	0.393 J	11.2	**146**	**0.490**	0.758	0.382 J
B-20	2-4	9/11/2006	1.78	90.9	0.214 J	7.1	**76.1**	**0.174**	0.453 J	0.0594 J
B-21	2-4	9/11/2006	**24.7**	**1,440**	**6.47**	55.2	**3,810**	**0.198**	0.538 J	**12.2**
B-22	2-4	9/14/2006	3.66	155	0.293 J	11.3	**77.4**	**0.200**	0.851	<0.022
B-23	2-4	9/14/2006	**44.6**	**1,180**	**5.06**	75	**4,510**	**0.370**	0.385	**4.0**
TCEQ Action Level (1)			***5.9 (2)***	***400 (1)***	***1.5 (1)***	***2,400 (1)***	***15 (2)***	***0.04 (2)***	***2.3 (1)***	***0.48 (1)***
TCEQ $^{Tot}Soil_{comb}$			***24***	***8,000***	***52***	***30,000***	***500***	***3.6***	***310***	***96***

RCRA - Resource Conservation and Recovery Act
TCEQ - Texas Commission on Environmental Quality
EPA - Environmental Protection Agency
J - The analyte was detected and positively identified at a level less than the laboratory quantitation limit. The indicated concentration is an estimated value.
< - not detected at the indicated analytical reporting limit
(1) - Tier I critical Protective Concentration Level for soil at a residential site with a 0.5 acre source area
(2) - Texas-Specific Background Concentration
$^{Tot}Soil_{comb}$ - Tier I critical Protective Concentration Level for soil via ingestion, dermal contact, and inhalation of vapors and/or particulate matter

TABLE 1A

SUMMARY OF SOIL ANALYTICAL RESULTS
City of Houston
800 Block North Velasco
Houston, Harris County, Texas
(all concentrations are in milligrams per kilogram)

Sample Number	Sample Depth	Sample Date	TPH (TCEQ TX 1005)			VOCs (EPA 8260B)									SVOC (EPA 8270C)									
			C6 - C12 Carbon Range	C12 - C28 Carbon Range	C28 - C35 Carbon Range	Methylene chloride	2-Butanone	Acetone	Benzene	Carbon disulfide	n-Butylbenzene	sec-Butylbenzene	Toluene	Other VOC's	2-Methylnaphthalene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Di-n-butyl phthalate	Fluoranthene	Phenanthrene	Pyrene	Other SVOCs
MW-1	17-18	9/6/2006	<17	<17	<17	<0.032	<0.00076	<0.0022	<0.00065	<0.0013	<0.00086	<0.00076	<0.00065	BSQL	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	BSQL
MW-2	16-17	9/6/2006	<21	<21	<21	<0.0039	<0.00092	<0.0026	<0.00079	<0.0016	<0.0010	<0.00092	<0.00079	BSQL	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	BSQL
MW-3	17-18	9/6/2006	<18	<18	<18	<0.0034	0.0045 J	0.014 J	<0.00068	<0.0014	<0.00091	<0.00079	<0.00068	BSQL	0.072 J	0.045 J	0.043 J	0.059 J	0.047 J	<0.034	0.071 J	<0.034	0.077 J	BSQL
MW-3	33-34	9/13/2006	<19	<19	<19	0.0066 J	<0.00092	<0.0026	<0.00079	<0.0016	<0.0010	<0.00092	<0.00079	BSQL	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	BSQL
MW-4	47-48	9/14/2006	<19	<19	<19	<0.0036	<0.00083	<0.0024	<0.00071	<0.0014	<0.00095	<0.00083	<0.00071	BSQL	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	BSQL
MW-5	30-31	9/14/2006	**490**	**350**	41 J	0.0056 J	0.0063 J	0.031 J	0.0013 J	0.0019 J	0.079	0.14	0.0029 J	BSQL	0.082 J	<0.038	<0.038	<0.038	<0.038	<0.038	0.073 J	0.050 J	0.060 J	BSQL
DUP-3	MW-5 (31-31)	9/14/2006	**400**	**280**	40 J	0.006	0.0077 J	0.033	0.00077 J	0.0015 J	0.055	0.095	0.0021 J	BSQL	0.072 J	<0.036	<0.036	<0.036	0.046 J	0.4	<0.036	<0.036	<0.036	BSQL
MW-6	43-44	9/15/2006	<19	<19	<19	<0.0036	<0.00083	<0.0024	<0.00071	<0.0014	<0.00095	<0.00083	<0.0071	BSQL	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	BSQL
TCEQ Action Level (1)			***65***	***200***	***200***	***0.013***	***29***	***43***	***0.026***	***14***	***120***	***85***	***8.2***	***Varies***	***17***	***18***	***7.6***	***600***	***5.7***	***3,300***	***1,900***	***420***	***1,100***	***Varies***

Note: Only those VOCs / SVOCs detected in at least one soil or groundwater sample are included on the table.

TPH - total petroleum hydrocarbons
VOCs - volatile organic compounds
SVOCs - semi-volatile volatile organic compounds
TCEQ - Texas Commission on Environmental Quality
EPA - Environmental Protection Agency
J - The analyte was detected and positively identified at a level less than the laboratory quantitation limit. The indicated concentration is an estimated value.
BSQL - below Sample Quantitation Limit
< - not detected at the indicated analytical reporting limit
(1) - Tier I critical Protective Concentration Level for soil at a residential site with a 0.5 acre source area (except where otherwise noted)

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
City of Houston
800 Block North Velasco
Houston, Harris County, Texas
(all concentrations are in milligrams per liter)

Sample Number	Sample Date	TPH (TCEQ TX 1005)			Metals (EPA 6020B/7470A))								VOC (EPA 8260B)		SVOC (EPA 8270C)		
		C6 - C12 Carbon Range	C12 - C28 Carbon Range	C28 - C35 Carbon Range	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Trichloroethene	Other VOCs	Bis(2-ethylhexyl)phthalate	Di ethyl phthalate	Other SVOCs
MW-1A	09/19/06	<0.20	<0.20	<0.20	0.00253 J	0.0608	<0.00015	0.00387	0.00287 J	0.0000690 J	<0.0017	<0.00020	**0.0052**	BSQL	**0.089**	<0.00050	BSQL
MW-2	09/19/06	<0.20	<0.20	<0.20	<0.0018	0.0957	<0.00015	0.00166 J	0.00472	0.0000490 J	<0.0017	<0.00020	<0.00070	BSQL	**0.34**	<0.00050	BSQL
DUP-1 ***	09/19/06	<0.20	<0.20	<0.20	0.0019 J	0.0937	<0.00015	0.00182 J	0.00452 J	<0.000042	<0.0017	<0.00020	<0.00070	BSQL	**0.22**	<0.00050	BSQL
MW-3	09/19/06	<0.20	<0.20	<0.20	0.00204 J	0.0705	<0.00015	0.00129 J	0.0146	<0.000042	<0.0017	<0.00020	<0.00070	BSQL	0.0029 J	<0.00050	BSQL
MW-4	09/19/06	<0.20	<0.20	<0.20	0.00198 J	0.0641	<0.00015	0.00297	0.00537	<0.000042	<0.0017	<0.00020	<0.00070	BSQL	**0.16**	0.0058 J	BSQL
MW-5	09/20/06	<0.20	<0.20	<0.20	0.00341 J	0.134	<0.00015	0.0181	**0.0411**	<0.000042	0.00343 J	<0.00020	<0.00070	BSQL	0.0046 J	<0.00050	BSQL
MW-6	09/20/06	<0.20	<0.20	<0.20	0.00401	0.0610	<0.00015	0.00526	0.0139	<0.000042	0.00170	<0.00020	<0.00070	BSQL	<0.00050	<0.00050	BSQL
TCEQ Action Level (1)		***0.98***	***0.98***	***0.98***	***0.01***	***2***	***0.005***	***0.1***	***0.015***	***0.002***	***0.05***	***0.12***	***0.005***	-	***0.006***	***58***	-

TPH - total petroleum hydrocarbons
VOCs - volatile organic compounds
SVOCs - semi-volatile organic compounds
TCEQ - Texas Commission on Environmental Quality
EPA - Environmental Protection Agency
< - not detected at the indicated analytical detection limit
(1) - Tier 1 critical Protective Concentration Level for groundwater at a commerical site with a 0.5 acre source area
J - The analyte was detected and positively identified at a level less than the laboratory quantitation limit. The indicated concentration is an estimated value.
BSQL - below sample quantitation limit
*** - Duplicate groundwater sample collected from MW-2

TABLE 3

SUMMARY OF DEPTH TO GROUNDWATER MEASUREMENTS

City of Houston
800 Block North Velasco
Houston, Harris County, Texas

Well Number	TOC Elevation* (Feet)	Depth to Water (Feet)	Relative Groundwater Elevation (Feet)
MW-1A	34.64	22.41	12.23
MW-2	34.90	23.01	11.89
MW-3	35.78	22.45	13.33
MW-4	48.89	38.82	10.07
MW-5	46.26	36.96	9.30
MW-6	45.84	37.43	8.41

*The assumed vertical datum was set an elevation of 34.46 feet at the base of an fire hydrant located at the southeast corner of the site.

APPENDIX A

BORING LOGS

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: B-1
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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
0			0			0.5	TOSPOIL CLAY, sandy, light gray with brown mottling, low plasticity, no odors
5			0 0 0 0 0 0			6	
			0 0			8	SILT, sandy, light gray, dry, no odors
10							**Terminated boring at 8' bgs.**
15							
20							
25							
30							
35							
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: B-2
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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 brown mottling, dry, low plasticity, no odor	0
			0					
			0					
			0			4		
5			0				SAND, silty, light gray, dry, loose, no odor	5
			0					
			0					
			0			8		
10							**Terminated boring at 8 feet below ground surface (bgs)**	10
15								15
20								20
25								25
30								30
35								35
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: B-3
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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
0						0.5	TOPSOIL
			0				CLAY, silty, dark gray with brown mottling, dry, Fe/Mg staining throughout, plastic, no odor
			0				
			0				
			0			4	
5			0				CLAY, sandy, gray, dry, low plasticity, no odor
			0			6	
			0				SAND, light gray, dry, fine grained, loose, no odors
			0			8	
10							**Terminated boring at 8 feet below ground surface (bgs)**
15							
20							
25							
30							
35							
40							

DEPTH (FT): 0, 5, 10, 15, 20, 25, 30, 35, 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: B-4
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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
0			0			0.5	TOPSOIL
			0				CLAY, silty, dark gray with brown mottling, dry, Fe/Mg staining throughout, plastic, no odor
			0				
			0			4	
5			0				CLAY, sandy, gray, dry, low plasticity, no odor
			0			6	
			0				SAND, light gray, dry, fine grained, loose, no odors
			0			8	
							Terminated boring at 8 feet below ground surface (bgs)
10							
15							
20							
25							
30							
35							
40							

DEPTH (FT): 0, 5, 10, 15, 20, 25, 30, 35, 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: B-5
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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			0.5	TOPSOIL	
			0				SILT, sandy, light gray to brown, dry, no odor	
			0					
5			0					5
			0					
			0					
			0			8		
							Terminated boring at 8' below ground surface (bgs)	
10								10
15								15
20								20
25								25
30								30
35								35
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: B-6
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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	0
			0				SILT, sandy, light gray to brown, dry, no odor	
			0					
			0					
5			0					5
			0					
			0					
			0			8		
10							**Terminated boring at 8' below ground surface (bgs)**	10
15								15
20								20
25								25
30								30
35								35
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: B-7
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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			0.5	TOPSOIL FILL, silt and sand mixed with broken glass fragments, dark brown to black, non plastic	
			0					
			0					
			0					
5			0					5
			0				- rubber strips (fill) to 6 ft below ground surface	
			0					
			0			8		
							Terminated boring at 8' below ground surface (bgs)	
10								10
15								15
20								20
25								25
30								30
35								35
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: B-8
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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 FILL, silt mixed with broken glass fragments, dark brown to black, non plastic	0
			0					
			0					
			0					
5			0					5
			0					
			0					
			0			8		
10							**Boring terminated at 8 ft. below ground surface (bgs)**	10
15								15
20								20
25								25
30								30
35								35
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: B-9
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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
0			0			0.5	TOPSOIL
			0				FILL, ash with mixed glass fragments, brown to black, non plastic, no odor
			0				
			0				
5			0				
			0			6	
			0				CLAY, silty, light brown, damp, low plasticity, no odor
			0			8	
10							**Boring terminated at 8 ft. below ground surface (bgs)**
15							
20							
25							
30							
35							
40							

DEPTH (FT): 0, 5, 10, 15, 20, 25, 30, 35, 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: B-10
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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	0
			0				FILL, ash mixed with glass fragments, dark brown to black, non plastic, no odor	
			0			3		
			0				SILT, light brown, dry, no odor	
5			0					5
			0					
			0					
			0			8		
							Terminated boring at 8ft. below ground surface (bgs)	
10								10
15								15
20								20
25								25
30								30
35								35
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: B-11
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
DATE DRILLED: 9-6-06

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	0
			0				CLAY, silty, light brown with gray mottling, low plasticity, no odor	
			0					
			0					
5			0					5
			0					
			0			8		
							Boring Terminated at 8 ft. below ground surface	
10								10
15								15
20								20
25								25
30								30
35								35
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: B-12
TOTAL DEPTH: 8.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				CLAY, silty, light tan, dry, non plastic, no odor	0
			0					
			0					
			0					
5			0				- grades to dark tan	5
			0					
			0					
			0			8		
							Terminated boring at 8 ft. below ground surface	
10								10
15								15
20								20
25								25
30								30
35								35
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: B-13
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				SILT, light tan, dry, no odor	0
			0					
			0				- grades to dark tan with wooden fragments to 3 ft. below ground surface (bgs)	
			0					
5			0					5
			0					
			0				- grades to gray with pebbles throughout, non plastic, no odor	
			0					
			0					
10			0					10
			0					
			0					
			0					
			0					
15			0			16		15
			0				**Terminated boring at 16 ft. below ground surface (bgs)**	
20								20
25								25
30								30
35								35
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: B-14
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, ash with glass fragments throughout, dark brown to black, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at16 ft. below ground surface (bgs)	
20								20
25								25
30								30
35								35
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: B-15
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, ash mixed with glass fragments, dark brown to black, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at 16 ft. below ground surface	
20								20
25								25
30								30
35								35
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: B-16
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, silt mixed with ash and glass fragments, dark brown to black, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at 16 ft. below ground surface (bgs)	
20								20
25								25
30								30
35								35
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: B-17
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, silt mixed with ash and glass fragments, dark brown to black, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at 16 ft. below ground surface (bgs)	
20								20
25								25
30								30
35								35
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: B-18
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, silt mixed with ash and glass fragments, dark brown to black, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
20							**Terminated boring at 16 ft. below ground surface (bgs)**	20
25								25
30								30
35								35
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: B-19
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, silt mixed with ash and glass fragments, dark brown to black, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at 16 ft. below ground surface (bgs)	
20								20
25								25
30								30
35								35
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: B-20
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, ash mixed with silt and sand, dark brown to black, glass fragments throughout, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at 16 ft. bgs	
20								20
25								25
30								30
35								35
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: B-21
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC.
DRILLER: Bruce Morris
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, ash mixed with silt and sand, dark brown to black, glass fragments throughout, non plastic, no odor	0
			0					
			0					
			0					
5			0					5
			0					
			0					
			0					
10			0					10
			0					
			0					
			0					
15			0			16		15
							Terminated boring at 16 ft. bgs	
20								20
25								25
30								30
35								35
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: B-22
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, ash mixed with silt and sand, dark brown to black, glass fragments throughout, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
							Terminated boring at 16 ft. bgs	
20								20
25								25
30								30
35								35
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: B-23
TOTAL DEPTH: 16.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Direct Push Technology (DPT)
BORE HOLE DIAMETER: 2"
SCREEN: Diam. - Length - Slot Size -
CASING: Diam. - Length - Type -
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				FILL, ash mixed with silt and sand, dark brown to black, glass fragments throughout, non plastic, no odor	0
5			0					5
10			0					10
15			0			16		15
20							**Terminated boring at 16 ft. bgs**	20
25								25
30								30
35								35
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-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				- grades to dark tan	10
			0				- grades to light tan	
15			0					15
			0			18.5	- wet to saturated CLAY, light gray with dark tan mottling, dry, no odor	
20			0					20
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

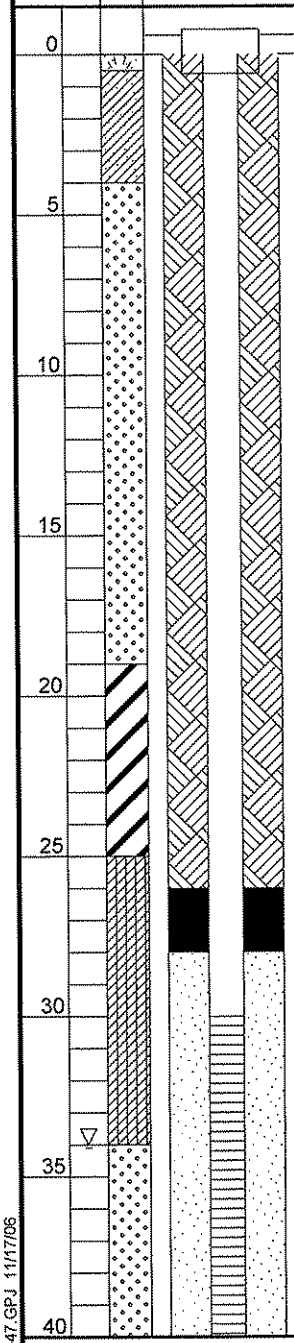
Terracon

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



PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
0			0.5	TOPSOIL	0
0				CLAY, sandy, light gray with tan mottling, low plasticity, no odor	
0			4		
0				SAND, silty, gray to light brown, dry, no odor	5
0					
0					
0					
0					
0					10
0					
0				- grades to dark tan	
0				- grades to light tan	15
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					
0			25		25
0				CLAY, silty, dark red with gray mottling, low plasticity, crumbly, no odor	
0					
0					
0					
0					30
0					
0					
0					
0					
0			34		
0				SAND, silty, dark brown to red, no odor, **Terminated boring at 40 feet below ground surface (bgs).**	35
0					
0					
0					
0					
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-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:

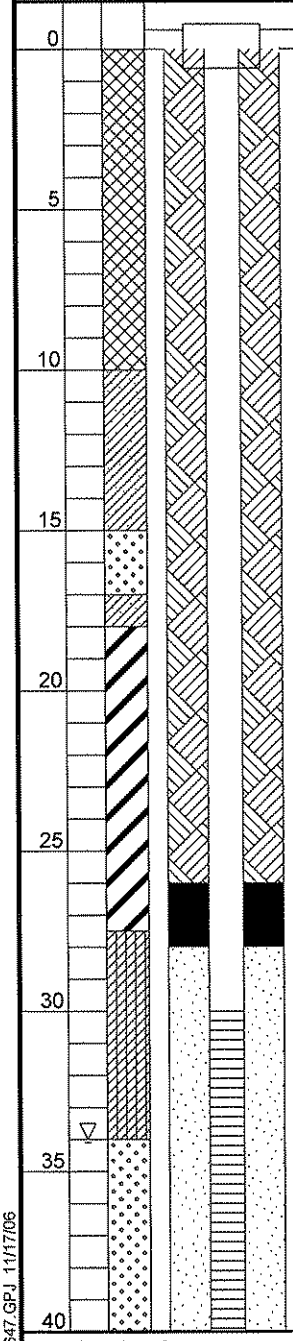
Terracon

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



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				FILL, ash mixed with sand and silt, dark brown to black, glass fragments throughout, non plastic, no odor	
0					
0					
0					5
0					
0					
0					
0					
0			10		10
0				CLAY, sandy, light gray with tan mottling, plastic, no odor	
0					
0					
0					
0			15		15
0				SAND, silty, light tan, damp, coarse, no odor	
0			17		
0		◀	18	- sandy clay seam approximately 1' thick	
0				CLAY, light tan, dry, stiff, plastic, no odor	20
0					
0					
0					
0					25
0					
0			27.5	- grades to red wih gray mottling, extremely stiff	
0				CLAY, silty, gray with red, dry, plastic, no odor	
0					30
0					
0					
0		◀	34		
0				SAND, silty, dark red to brown, wet to saturated, no odor, **Terminated boring at 40 ft. below ground surface (bgs)**	35
0					
0					
0					
0					
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-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
			0			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								40
			0				SILT, clayey, gray with red mottles, damp, low plasticity, no odor	
			0					
			0					
			0					
45			0			45		45
			0				CLAY, silty, gray with red and various tan shades, damp, low palsticity, no odor	
			0			48		
			0				SAND, silty, dark red to brown, wet to saturated, no odor	
50			0					50
			0					
			0					
			0					
			0					
55			0			55		55
							Terminated boring at 55 ft. below ground surface (bgs)	
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-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		35
40			0				CLAY, red with gray mottling, dry, extremely stiff, plastic, no odor	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

APPENDIX B

ANALYTICAL LABORATORY REPORTS

e-Lab Analytical, Inc.

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

September 13, 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 : **0609072**

Dear Prasad Rajulu,

e-Lab Analytical, Inc. received 27 samples on 9/6/2006 5:20:00 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 66.

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

Sincerely,

Jeffrey L Croston

Electronically approved by: Odette E. Ellison

Jeffrey L Croston
Project Manager

Certificate No: T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *September 13, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**TRRP Laboratory Data Package Cover Page**
Project:	92067647/North of Valsco	
Work Order:	0609072	

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: 09/13/2006
Project Name: North of Valsco	Laboratory Job Number: 0609072
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19694, 19703, 19709,19727, R41461, R41462 and R41500

#[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				
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: 09/13/2006
Project Name: North of Valsco	Laboratory Job Number: 0609072
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19694, 19703, 19709,19727, R41461, R41462 and R41500

#[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			2
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: 09/13/2006
Project Name: North of Valsco		Laboratory Job Number: 0609072
Reviewer Name: Jeff Croston		Prep Batch Number(s): 19694, 19703, 19709,19727, R41461, R41462 and R41500
ER #[1]	**DESCRIPTION**	
1	Batch 19709 Semivolatiles MS/MSD was an unrelated sample.	
	Batch R41500 Volatiles MS/MSD was an unrelated sample.	
2	Batch 19727 Metals (sample B-2 (0-2)) Serial Dilution RPD recoveries were above the control limits for Barium (12.7%), Chromium (21.1%, and Lead (13.5%).	

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Project: 92067647/North of Valsco
Work Order: **0609072**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0609072-01	B-1 (0-2)	Soil		9/6/2006 09:02	9/6/2006 17:20	☐
0609072-02	B-1 (6-8)	Soil		9/6/2006 09:10	9/6/2006 17:20	☑
0609072-03	B-2 (0-2)	Soil		9/6/2006 09:15	9/6/2006 17:20	☐
0609072-04	B-2 (6-8)	Soil		9/6/2006 09:21	9/6/2006 17:20	☑
0609072-05	B-3 (0-2)	Soil		9/6/2006 09:26	9/6/2006 17:20	☐
0609072-06	B-3 (6-8)	Soil		9/6/2006 09:32	9/6/2006 17:20	☑
0609072-07	B-4 (0-2)	Soil		9/6/2006 09:40	9/6/2006 17:20	☐
0609072-08	B-4 (6-8)	Soil		9/6/2006 09:45	9/6/2006 17:20	☑
0609072-09	B-5 (0-2)	Soil		9/6/2006 09:54	9/6/2006 17:20	☐
0609072-10	B-5 (6-8)	Soil		9/6/2006 09:58	9/6/2006 17:20	☑
0609072-11	Dup-1	Soil		9/6/2006	9/6/2006 17:20	☐
0609072-12	B-6 (0-2)	Soil		9/6/2006 10:10	9/6/2006 17:20	☐
0609072-13	B-6 (6-8)	Soil		9/6/2006 10:16	9/6/2006 17:20	☑
0609072-14	B-7 (0-2)	Soil		9/6/2006 10:21	9/6/2006 17:20	☐
0609072-15	B-7 (6-8)	Soil		9/6/2006 10:25	9/6/2006 17:20	☑
0609072-16	B-8 (0-2)	Soil		9/6/2006 10:32	9/6/2006 17:20	☐
0609072-17	B-8 (6-8)	Soil		9/6/2006 10:38	9/6/2006 17:20	☑
0609072-18	B-9 (0-2)	Soil		9/6/2006 10:44	9/6/2006 17:20	☐
0609072-19	B-9 (6-8)	Soil		9/6/2006 10:48	9/6/2006 17:20	☑
0609072-20	B-10 (3-4)	Soil		9/6/2006 11:10	9/6/2006 17:20	☐
0609072-21	B-10 (6-8)	Soil		9/6/2006 11:16	9/6/2006 17:20	☑
0609072-22	B-11 (0-2)	Soil		9/6/2006 11:25	9/6/2006 17:20	☐
0609072-23	B-11 (6-8)	Soil		9/6/2006 11:34	9/6/2006 17:20	☑
0609072-24	MW-1 (17-18)	Soil		9/6/2006 14:20	9/6/2006 17:20	☐
0609072-25	MW-2 (16-17)	Soil		9/6/2006 15:10	9/6/2006 17:20	☐
0609072-26	MW-3 (17-18)	Soil		9/6/2006 16:20	9/6/2006 17:20	☐
0609072-27	Trip Blank	Water		9/6/2006 16:20	9/6/2006 17:20	☑

e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: B-1 (0-2)
Work Order: 0609072
Collection Date: 9/6/2006 9:02:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609072-01
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**12.9**	J	**1.6**	**14.9**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**0.559**		**0.14**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Barium	**21.3**		**0.076**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.032	0.540	mg/Kg-dry	1	9/11/2006
Chromium	**7.57**		**0.076**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Lead	**7.41**		**0.097**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.395**	J	**0.21**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.022	0.540	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**11.9**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-03

Client Sample ID: B-2 (0-2)
Collection Date: 9/6/2006 9:15:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: **SW7471A**		Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**3.91**	J	**1.5**	**14.7**	**µg/Kg-dry**	1	9/8/2006
ICP METALS			Method: **SW6020**		Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**0.896**		**0.14**	**0.539**	**mg/Kg-dry**	1	9/11/2006
Barium	**24.8**		**0.076**	**0.539**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.032	0.539	mg/Kg-dry	1	9/11/2006
Chromium	**7.33**		**0.076**	**0.539**	**mg/Kg-dry**	1	9/11/2006
Lead	**5.76**		**0.097**	**0.539**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.461**	J	**0.21**	**0.539**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.022	0.539	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE			Method: **E160.3**				Analyst: **RPM**
Percent Moisture	**11.7**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	B-3 (0-2)
Work Order:	0609072	**Collection Date:**	9/6/2006 9:26:00 AM
Project:	92067647/North of Valsco		
Lab ID:	0609072-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: **SW7471A**		Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**32.2**		**1.6**	**15.2**	**µg/Kg-dry**	1	9/8/2006
ICP METALS			Method: **SW6020**		Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.75**		**0.15**	**0.561**	**mg/Kg-dry**	1	9/11/2006
Barium	**32.6**		**0.079**	**0.561**	**mg/Kg-dry**	1	9/11/2006
Cadmium	**0.221**	J	**0.034**	**0.561**	**mg/Kg-dry**	1	9/11/2006
Chromium	**11.3**		**0.079**	**0.561**	**mg/Kg-dry**	1	9/11/2006
Lead	**508**		**10**	**56.1**	**mg/Kg-dry**	100	9/12/2006
Selenium	**0.703**		**0.21**	**0.561**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.022	0.561	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE			Method: **E160.3**				Analyst: **RPM**
Percent Moisture	**16.0**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: B-4 (0-2)
Work Order: 0609072
Collection Date: 9/6/2006 9:40:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609072-07
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**3.38**	J	**1.4**	**13.7**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.68**		**0.13**	**0.509**	**mg/Kg-dry**	1	9/11/2006
Barium	**45.7**		**0.071**	**0.509**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.031	0.509	mg/Kg-dry	1	9/11/2006
Chromium	**4.15**		**0.071**	**0.509**	**mg/Kg-dry**	1	9/11/2006
Lead	**6.19**		**0.092**	**0.509**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.473**	J	**0.19**	**0.509**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.020	0.509	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**5.58**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-09

Client Sample ID: B-5 (0-2)
Collection Date: 9/6/2006 9:54:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**7.54**	J	**1.5**	**14.1**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.06**		**0.13**	**0.508**	**mg/Kg-dry**	1	9/11/2006
Barium	**65.2**		**0.071**	**0.508**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.030	0.508	mg/Kg-dry	1	9/11/2006
Chromium	**3.49**		**0.071**	**0.508**	**mg/Kg-dry**	1	9/11/2006
Lead	**6.47**		**0.091**	**0.508**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.387**	J	**0.19**	**0.508**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.020	0.508	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**6.22**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-11

Client Sample ID: Dup-1
Collection Date: 9/6/2006
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**66.0**		**1.6**	**15.2**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.39**		**0.14**	**0.544**	**mg/Kg-dry**	1	9/11/2006
Barium	**39.4**		**0.076**	**0.544**	**mg/Kg-dry**	1	9/11/2006
Cadmium	**0.316**	J	**0.033**	**0.544**	**mg/Kg-dry**	1	9/11/2006
Chromium	**10.6**		**0.076**	**0.544**	**mg/Kg-dry**	1	9/11/2006
Lead	**435**		**9.8**	**54.4**	**mg/Kg-dry**	100	9/12/2006
Selenium	**0.579**		**0.21**	**0.544**	**mg/Kg-dry**	1	9/11/2006
Silver	**0.0358**	J	**0.022**	**0.544**	**mg/Kg-dry**	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**13.3**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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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

e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-12

Client Sample ID: B-6 (0-2)
Collection Date: 9/6/2006 10:10:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**3.13**	J	**1.9**	**18.4**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.52**		**0.16**	**0.630**	**mg/Kg-dry**	1	9/11/2006
Barium	**30.7**		**0.088**	**0.630**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.038	0.630	mg/Kg-dry	1	9/11/2006
Chromium	**3.73**		**0.088**	**0.630**	**mg/Kg-dry**	1	9/11/2006
Lead	**6.53**		**0.11**	**0.630**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.389**	J	**0.24**	**0.630**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.025	0.630	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**27.8**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-14

Client Sample ID: B-7 (0-2)
Collection Date: 9/6/2006 10:21:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**5.18**	J	**1.5**	**14.3**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**2.52**		**0.14**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Barium	**54.8**		**0.076**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.032	0.540	mg/Kg-dry	1	9/11/2006
Chromium	**4.50**		**0.076**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Lead	**16.2**		**0.097**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.427**	J	**0.21**	**0.540**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.022	0.540	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**10.1**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-16

Client Sample ID: B-8 (0-2)
Collection Date: 9/6/2006 10:32:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	430		1.5	13.9	µg/Kg-dry	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	1.43		0.13	0.504	mg/Kg-dry	1	9/11/2006
Barium	85.0		0.071	0.504	mg/Kg-dry	1	9/11/2006
Cadmium	0.453	J	0.030	0.504	mg/Kg-dry	1	9/11/2006
Chromium	8.13		0.071	0.504	mg/Kg-dry	1	9/11/2006
Lead	268		9.1	50.4	mg/Kg-dry	100	9/12/2006
Selenium	0.389	J	0.19	0.504	mg/Kg-dry	1	9/11/2006
Silver	0.236	J	0.020	0.504	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	6.33		0.010	0.0100	wt%	1	9/7/2006

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e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-18

Client Sample ID: B-9 (0-2)
Collection Date: 9/6/2006 10:44:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	69.1		1.6	14.9	µg/Kg-dry	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	5.11		0.15	0.567	mg/Kg-dry	1	9/11/2006
Barium	150		0.079	0.567	mg/Kg-dry	1	9/11/2006
Cadmium	0.631		0.034	0.567	mg/Kg-dry	1	9/11/2006
Chromium	18.3		0.079	0.567	mg/Kg-dry	1	9/11/2006
Lead	197		0.10	0.567	mg/Kg-dry	1	9/11/2006
Selenium	0.804		0.22	0.567	mg/Kg-dry	1	9/11/2006
Silver	0.243	J	0.023	0.567	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	13.6		0.010	0.0100	wt%	1	9/7/2006

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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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: B-10 (3-4)
Work Order: 0609072
Collection Date: 9/6/2006 11:10:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609072-20
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**20.4**		**1.6**	**14.7**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.97**		**0.13**	**0.517**	**mg/Kg-dry**	1	9/11/2006
Barium	**254**		**3.6**	**25.8**	**mg/Kg-dry**	50	9/12/2006
Cadmium	**0.594**		**0.031**	**0.517**	**mg/Kg-dry**	1	9/11/2006
Chromium	**10.3**		**0.072**	**0.517**	**mg/Kg-dry**	1	9/11/2006
Lead	**150**		**0.093**	**0.517**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.665**		**0.20**	**0.517**	**mg/Kg-dry**	1	9/11/2006
Silver	**0.254**	J	**0.021**	**0.517**	**mg/Kg-dry**	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**12.0**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-22

Client Sample ID: B-11 (0-2)
Collection Date: 9/6/2006 11:25:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/8/06		Analyst: **JCJ**
Mercury	**5.70**	J	**1.5**	**14.2**	**µg/Kg-dry**	1	9/8/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/11/06		Analyst: **SA**
Arsenic	**1.33**		**0.14**	**0.526**	**mg/Kg-dry**	1	9/11/2006
Barium	**16.4**		**0.074**	**0.526**	**mg/Kg-dry**	1	9/11/2006
Cadmium	U		0.032	0.526	mg/Kg-dry	1	9/11/2006
Chromium	**7.92**		**0.074**	**0.526**	**mg/Kg-dry**	1	9/11/2006
Lead	**7.68**		**0.095**	**0.526**	**mg/Kg-dry**	1	9/11/2006
Selenium	**0.750**		**0.20**	**0.526**	**mg/Kg-dry**	1	9/11/2006
Silver	U		0.021	0.526	mg/Kg-dry	1	9/11/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**9.53**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-1 (17-18)
Work Order: 0609072
Collection Date: 9/6/2006 2:20:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609072-24
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/8/06		Analyst: **JFT**
nC6 to nC12	U		17	54	mg/Kg-dry	1	9/9/2006
>nC12 to nC28	U		17	54	mg/Kg-dry	1	9/9/2006
>nC28 to nC35	U		17	54	mg/Kg-dry	1	9/9/2006
Total Petroleum Hydrocarbon	U		17	54	mg/Kg-dry	1	9/9/2006
Surr: 2-Fluorobiphenyl	*106*			*70-130*	*%REC*	1	9/9/2006
Surr: Trifluoromethyl benzene	*104*			*70-130*	*%REC*	1	9/9/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/9/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
1,2-Dichlorobenzene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
1,3-Dichlorobenzene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
1,4-Dichlorobenzene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2,4,5-Trichlorophenol	U		0.043	0.36	mg/Kg-dry	1	9/11/2006
2,4,6-Trichlorophenol	U		0.043	0.36	mg/Kg-dry	1	9/11/2006
2,4-Dichlorophenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2,4-Dimethylphenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2,4-Dinitrophenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2,4-Dinitrotoluene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2,6-Dinitrotoluene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2-Chloronaphthalene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2-Chlorophenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2-Methylnaphthalene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2-Methylphenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2-Nitroaniline	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
2-Nitrophenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
3&4-Methylphenol	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
3,3'-Dichlorobenzidine	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
3-Nitroaniline	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
4,6-Dinitro-2-methylphenol	U		0.054	0.36	mg/Kg-dry	1	9/11/2006
4-Bromophenyl phenyl ether	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
4-Chloro-3-methylphenol	U		0.043	0.36	mg/Kg-dry	1	9/11/2006
4-Chloroaniline	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
4-Chlorophenyl phenyl ether	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
4-Nitroaniline	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
4-Nitrophenol	U		0.11	0.36	mg/Kg-dry	1	9/11/2006
Acenaphthene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Acenaphthylene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Anthracene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Benz(a)anthracene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006

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e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-1 (17-18)
Work Order: 0609072
Collection Date: 9/6/2006 2:20:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609072-24
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Benzo(b)fluoranthene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Benzo(g,h,i)perylene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Benzo(k)fluoranthene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Bis(2-chloroethoxy)methane	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Bis(2-chloroethyl)ether	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Bis(2-chloroisopropyl)ether	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Bis(2-ethylhexyl)phthalate	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Butyl benzyl phthalate	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Carbazole	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Chrysene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Di-n-butyl phthalate	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Di-n-octyl phthalate	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Dibenz(a,h)anthracene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Dibenzofuran	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Diethyl phthalate	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Dimethyl phthalate	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Fluoranthene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Fluorene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Hexachlorobenzene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Hexachlorobutadiene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Hexachlorocyclopentadiene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Hexachloroethane	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Indeno(1,2,3-cd)pyrene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Isophorone	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
N-Nitrosodi-n-propylamine	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
N-Nitrosodiphenylamine	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Naphthalene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Nitrobenzene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Pentachlorophenol	U		0.054	0.36	mg/Kg-dry	1	9/11/2006
Phenanthrene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Phenol	U		0.076	0.36	mg/Kg-dry	1	9/11/2006
Pyrene	U		0.032	0.36	mg/Kg-dry	1	9/11/2006
Surr: 2,4,6-Tribromophenol	*81.6*			*40-133*	*%REC*	1	9/11/2006
Surr: 2-Fluorobiphenyl	*73.3*			*34-122*	*%REC*	1	9/11/2006
Surr: 2-Fluorophenol	*64.8*			*25-115*	*%REC*	1	9/11/2006
Surr: 4-Terphenyl-d14	*91.1*			*33-125*	*%REC*	1	9/11/2006
Surr: Nitrobenzene-d5	*65.9*			*39-120*	*%REC*	1	9/11/2006
Surr: Phenol-d6	*67.2*			*20-115*	*%REC*	1	9/11/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-24

Client Sample ID: MW-1 (17-18)
Collection Date: 9/6/2006 2:20:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00076	0.0054	mg/Kg-dry	1	9/9/2006
1,1,2,2-Tetrachloroethane	U		0.00054	0.0054	mg/Kg-dry	1	9/9/2006
1,1,2-Trichloroethane	U		0.00054	0.0054	mg/Kg-dry	1	9/9/2006
1,1-Dichloroethane	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
1,1-Dichloroethene	U		0.0011	0.0054	mg/Kg-dry	1	9/9/2006
1,2,4-Trimethylbenzene	U		0.00076	0.0054	mg/Kg-dry	1	9/9/2006
1,2-Dichloroethane	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
1,2-Dichloropropane	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
1,3,5-Trimethylbenzene	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
2-Butanone	U		0.00076	0.011	mg/Kg-dry	1	9/9/2006
2-Hexanone	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
4-Methyl-2-pentanone	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
Acetone	U		0.0022	0.027	mg/Kg-dry	1	9/9/2006
Benzene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
Bromodichloromethane	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
Bromoform	U		0.00054	0.0054	mg/Kg-dry	1	9/9/2006
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
Carbon disulfide	U		0.0013	0.011	mg/Kg-dry	1	9/9/2006
Carbon tetrachloride	U		0.0011	0.0054	mg/Kg-dry	1	9/9/2006
Chlorobenzene	U		0.00076	0.0054	mg/Kg-dry	1	9/9/2006
Chloroethane	U		0.0017	0.011	mg/Kg-dry	1	9/9/2006
Chloroform	U		0.00097	0.0054	mg/Kg-dry	1	9/9/2006
Chloromethane	U		0.0012	0.011	mg/Kg-dry	1	9/9/2006
cis-1,2-Dichloroethene	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
cis-1,3-Dichloropropene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
Dibromochloromethane	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
Ethylbenzene	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
m,p-Xylene	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
Methyl tert-butyl ether	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
Methylene chloride	U		0.0032	0.011	mg/Kg-dry	1	9/9/2006
n-Butylbenzene	U		0.00086	0.0054	mg/Kg-dry	1	9/9/2006
Naphthalene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
o-Xylene	U		0.00054	0.0054	mg/Kg-dry	1	9/9/2006
sec-Butylbenzene	U		0.00076	0.0054	mg/Kg-dry	1	9/9/2006
Styrene	U		0.00076	0.0054	mg/Kg-dry	1	9/9/2006
Tetrachloroethene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
Toluene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
trans-1,2-Dichloroethene	U		0.0011	0.0054	mg/Kg-dry	1	9/9/2006
trans-1,3-Dichloropropene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006
Trichloroethene	U		0.00065	0.0054	mg/Kg-dry	1	9/9/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-24

Client Sample ID: MW-1 (17-18)
Collection Date: 9/6/2006 2:20:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00065	0.0022	mg/Kg-dry	1	9/9/2006
Xylenes, Total	U		0.0016	0.016	mg/Kg-dry	1	9/9/2006
Surr: 1,2-Dichloroethane-d4	*83.4*			*70-128*	*%REC*	1	9/9/2006
Surr: 4-Bromofluorobenzene	*88.9*			*73-126*	*%REC*	1	9/9/2006
Surr: Dibromofluoromethane	*87.0*			*71-128*	*%REC*	1	9/9/2006
Surr: Toluene-d8	*93.3*			*73-127*	*%REC*	1	9/9/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**7.44**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-2 (16-17)
Work Order: 0609072
Collection Date: 9/6/2006 3:10:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609072-25
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/8/06		Analyst: **JFT**
nC6 to nC12	U		21	65	mg/Kg-dry	1	9/8/2006
>nC12 to nC28	U		21	65	mg/Kg-dry	1	9/8/2006
>nC28 to nC35	U		21	65	mg/Kg-dry	1	9/8/2006
Total Petroleum Hydrocarbon	U		21	65	mg/Kg-dry	1	9/8/2006
Surr: 2-Fluorobiphenyl	*110*			*70-130*	*%REC*	1	9/8/2006
Surr: Trifluoromethyl benzene	*103*			*70-130*	*%REC*	1	9/8/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/9/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
1,2-Dichlorobenzene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
1,3-Dichlorobenzene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
1,4-Dichlorobenzene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2,4,5-Trichlorophenol	U		0.052	0.43	mg/Kg-dry	1	9/11/2006
2,4,6-Trichlorophenol	U		0.052	0.43	mg/Kg-dry	1	9/11/2006
2,4-Dichlorophenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2,4-Dimethylphenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2,4-Dinitrophenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2,4-Dinitrotoluene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2,6-Dinitrotoluene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2-Chloronaphthalene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2-Chlorophenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2-Methylnaphthalene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2-Methylphenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2-Nitroaniline	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
2-Nitrophenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
3&4-Methylphenol	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
3,3'-Dichlorobenzidine	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
3-Nitroaniline	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
4,6-Dinitro-2-methylphenol	U		0.065	0.43	mg/Kg-dry	1	9/11/2006
4-Bromophenyl phenyl ether	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
4-Chloro-3-methylphenol	U		0.052	0.43	mg/Kg-dry	1	9/11/2006
4-Chloroaniline	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
4-Chlorophenyl phenyl ether	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
4-Nitroaniline	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
4-Nitrophenol	U		0.13	0.43	mg/Kg-dry	1	9/11/2006
Acenaphthene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Acenaphthylene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Anthracene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Benz(a)anthracene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006

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e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-25

Client Sample ID: MW-2 (16-17)
Collection Date: 9/6/2006 3:10:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Benzo(b)fluoranthene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Benzo(g,h,i)perylene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Benzo(k)fluoranthene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Bis(2-chloroethoxy)methane	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Bis(2-chloroethyl)ether	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Bis(2-chloroisopropyl)ether	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Bis(2-ethylhexyl)phthalate	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Butyl benzyl phthalate	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Carbazole	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Chrysene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Di-n-butyl phthalate	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Di-n-octyl phthalate	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Dibenz(a,h)anthracene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Dibenzofuran	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Diethyl phthalate	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Dimethyl phthalate	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Fluoranthene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Fluorene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Hexachlorobenzene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Hexachlorobutadiene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Hexachlorocyclopentadiene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Hexachloroethane	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Indeno(1,2,3-cd)pyrene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Isophorone	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
N-Nitrosodi-n-propylamine	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
N-Nitrosodiphenylamine	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Naphthalene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Nitrobenzene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Pentachlorophenol	U		0.065	0.43	mg/Kg-dry	1	9/11/2006
Phenanthrene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Phenol	U		0.092	0.43	mg/Kg-dry	1	9/11/2006
Pyrene	U		0.039	0.43	mg/Kg-dry	1	9/11/2006
Surr: 2,4,6-Tribromophenol	*78.9*			*40-133*	*%REC*	1	9/11/2006
Surr: 2-Fluorobiphenyl	*76.9*			*34-122*	*%REC*	1	9/11/2006
Surr: 2-Fluorophenol	*73.8*			*25-115*	*%REC*	1	9/11/2006
Surr: 4-Terphenyl-d14	*93.6*			*33-125*	*%REC*	1	9/11/2006
Surr: Nitrobenzene-d5	*75.2*			*39-120*	*%REC*	1	9/11/2006
Surr: Phenol-d6	*72.6*			*20-115*	*%REC*	1	9/11/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-25

Client Sample ID: MW-2 (16-17)
Collection Date: 9/6/2006 3:10:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00092	0.0065	mg/Kg-dry	1	9/9/2006
1,1,2,2-Tetrachloroethane	U		0.00065	0.0065	mg/Kg-dry	1	9/9/2006
1,1,2-Trichloroethane	U		0.00065	0.0065	mg/Kg-dry	1	9/9/2006
1,1-Dichloroethane	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
1,1-Dichloroethene	U		0.0013	0.0065	mg/Kg-dry	1	9/9/2006
1,2,4-Trimethylbenzene	U		0.00092	0.0065	mg/Kg-dry	1	9/9/2006
1,2-Dichloroethane	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
1,2-Dichloropropane	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
1,3,5-Trimethylbenzene	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
2-Butanone	U		0.00092	0.013	mg/Kg-dry	1	9/9/2006
2-Hexanone	U		0.0013	0.013	mg/Kg-dry	1	9/9/2006
4-Methyl-2-pentanone	U		0.0013	0.013	mg/Kg-dry	1	9/9/2006
Acetone	U		0.0026	0.033	mg/Kg-dry	1	9/9/2006
Benzene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
Bromodichloromethane	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
Bromoform	U		0.00065	0.0065	mg/Kg-dry	1	9/9/2006
Bromomethane	U		0.0013	0.013	mg/Kg-dry	1	9/9/2006
Carbon disulfide	U		0.0016	0.013	mg/Kg-dry	1	9/9/2006
Carbon tetrachloride	U		0.0013	0.0065	mg/Kg-dry	1	9/9/2006
Chlorobenzene	U		0.00092	0.0065	mg/Kg-dry	1	9/9/2006
Chloroethane	U		0.0021	0.013	mg/Kg-dry	1	9/9/2006
Chloroform	U		0.0012	0.0065	mg/Kg-dry	1	9/9/2006
Chloromethane	U		0.0014	0.013	mg/Kg-dry	1	9/9/2006
cis-1,2-Dichloroethene	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
cis-1,3-Dichloropropene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
Dibromochloromethane	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
Ethylbenzene	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
m,p-Xylene	U		0.0013	0.013	mg/Kg-dry	1	9/9/2006
Methyl tert-butyl ether	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
Methylene chloride	U		0.0039	0.013	mg/Kg-dry	1	9/9/2006
n-Butylbenzene	U		0.0010	0.0065	mg/Kg-dry	1	9/9/2006
Naphthalene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
o-Xylene	U		0.00065	0.0065	mg/Kg-dry	1	9/9/2006
sec-Butylbenzene	U		0.00092	0.0065	mg/Kg-dry	1	9/9/2006
Styrene	U		0.00092	0.0065	mg/Kg-dry	1	9/9/2006
Tetrachloroethene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
Toluene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
trans-1,2-Dichloroethene	U		0.0013	0.0065	mg/Kg-dry	1	9/9/2006
trans-1,3-Dichloropropene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006
Trichloroethene	U		0.00079	0.0065	mg/Kg-dry	1	9/9/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-2 (16-17)
Work Order: 0609072
Collection Date: 9/6/2006 3:10:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609072-25
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00079	0.0026	mg/Kg-dry	1	9/9/2006
Xylenes, Total	U		0.0020	0.020	mg/Kg-dry	1	9/9/2006
Surr: 1,2-Dichloroethane-d4	*76.9*			*70-128*	*%REC*	1	9/9/2006
Surr: 4-Bromofluorobenzene	*82.0*			*73-126*	*%REC*	1	9/9/2006
Surr: Dibromofluoromethane	*82.1*			*71-128*	*%REC*	1	9/9/2006
Surr: Toluene-d8	*87.3*			*73-127*	*%REC*	1	9/9/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**23.6**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-26

Client Sample ID: MW-3 (17-18)
Collection Date: 9/6/2006 4:20:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/8/06		Analyst: **JFT**
nC6 to nC12	U		18	57	mg/Kg-dry	1	9/8/2006
>nC12 to nC28	U		18	57	mg/Kg-dry	1	9/8/2006
>nC28 to nC35	U		18	57	mg/Kg-dry	1	9/8/2006
Total Petroleum Hydrocarbon	U		18	57	mg/Kg-dry	1	9/8/2006
Surr: 2-Fluorobiphenyl	*107*			*70-130*	*%REC*	1	9/8/2006
Surr: Trifluoromethyl benzene	*102*			*70-130*	*%REC*	1	9/8/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/9/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
1,2-Dichlorobenzene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
1,3-Dichlorobenzene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
1,4-Dichlorobenzene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2,4,5-Trichlorophenol	U		0.045	0.37	mg/Kg-dry	1	9/11/2006
2,4,6-Trichlorophenol	U		0.045	0.37	mg/Kg-dry	1	9/11/2006
2,4-Dichlorophenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2,4-Dimethylphenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2,4-Dinitrophenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2,4-Dinitrotoluene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2,6-Dinitrotoluene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2-Chloronaphthalene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2-Chlorophenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2-Methylnaphthalene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2-Methylphenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2-Nitroaniline	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
2-Nitrophenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
3&4-Methylphenol	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
3,3'-Dichlorobenzidine	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
3-Nitroaniline	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
4,6-Dinitro-2-methylphenol	U		0.057	0.37	mg/Kg-dry	1	9/11/2006
4-Bromophenyl phenyl ether	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
4-Chloro-3-methylphenol	U		0.045	0.37	mg/Kg-dry	1	9/11/2006
4-Chloroaniline	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
4-Chlorophenyl phenyl ether	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
4-Nitroaniline	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
4-Nitrophenol	U		0.11	0.37	mg/Kg-dry	1	9/11/2006
Acenaphthene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Acenaphthylene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Anthracene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Benz(a)anthracene	**0.045**	J	**0.034**	**0.37**	**mg/Kg-dry**	1	9/11/2006

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-26

Client Sample ID: MW-3 (17-18)
Collection Date: 9/6/2006 4:20:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	**0.043**	J	**0.034**	**0.37**	**mg/Kg-dry**	1	9/11/2006
Benzo(b)fluoranthene	**0.059**	J	**0.034**	**0.37**	**mg/Kg-dry**	1	9/11/2006
Benzo(g,h,i)perylene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Benzo(k)fluoranthene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Bis(2-chloroethoxy)methane	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Bis(2-chloroethyl)ether	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Bis(2-chloroisopropyl)ether	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Bis(2-ethylhexyl)phthalate	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Butyl benzyl phthalate	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Carbazole	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Chrysene	**0.047**	J	**0.034**	**0.37**	**mg/Kg-dry**	1	9/11/2006
Di-n-butyl phthalate	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Di-n-octyl phthalate	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Dibenz(a,h)anthracene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Dibenzofuran	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Diethyl phthalate	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Dimethyl phthalate	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Fluoranthene	**0.071**	J	**0.034**	**0.37**	**mg/Kg-dry**	1	9/11/2006
Fluorene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Hexachlorobenzene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Hexachlorobutadiene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Hexachlorocyclopentadiene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Hexachloroethane	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Indeno(1,2,3-cd)pyrene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Isophorone	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
N-Nitrosodi-n-propylamine	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
N-Nitrosodiphenylamine	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Naphthalene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Nitrobenzene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Pentachlorophenol	U		0.057	0.37	mg/Kg-dry	1	9/11/2006
Phenanthrene	U		0.034	0.37	mg/Kg-dry	1	9/11/2006
Phenol	U		0.079	0.37	mg/Kg-dry	1	9/11/2006
Pyrene	**0.077**	J	**0.034**	**0.37**	**mg/Kg-dry**	1	9/11/2006
Surr: 2,4,6-Tribromophenol	*71.9*			*40-133*	*%REC*	1	9/11/2006
Surr: 2-Fluorobiphenyl	*70.7*			*34-122*	*%REC*	1	9/11/2006
Surr: 2-Fluorophenol	*65.3*			*25-115*	*%REC*	1	9/11/2006
Surr: 4-Terphenyl-d14	*83.3*			*33-125*	*%REC*	1	9/11/2006
Surr: Nitrobenzene-d5	*67.4*			*39-120*	*%REC*	1	9/11/2006
Surr: Phenol-d6	*65.7*			*20-115*	*%REC*	1	9/11/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 13, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco
Lab ID: 0609072-26

Client Sample ID: MW-3 (17-18)
Collection Date: 9/6/2006 4:20:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00079	0.0057	mg/Kg-dry	1	9/9/2006
1,1,2,2-Tetrachloroethane	U		0.00057	0.0057	mg/Kg-dry	1	9/9/2006
1,1,2-Trichloroethane	U		0.00057	0.0057	mg/Kg-dry	1	9/9/2006
1,1-Dichloroethane	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
1,1-Dichloroethene	U		0.0011	0.0057	mg/Kg-dry	1	9/9/2006
1,2,4-Trimethylbenzene	U		0.00079	0.0057	mg/Kg-dry	1	9/9/2006
1,2-Dichloroethane	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
1,2-Dichloropropane	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
1,3,5-Trimethylbenzene	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
2-Butanone	**0.0045**	J	**0.00079**	**0.011**	**mg/Kg-dry**	1	9/9/2006
2-Hexanone	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
4-Methyl-2-pentanone	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
Acetone	**0.014**	J	**0.0023**	**0.028**	**mg/Kg-dry**	1	9/9/2006
Benzene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
Bromodichloromethane	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
Bromoform	U		0.00057	0.0057	mg/Kg-dry	1	9/9/2006
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
Carbon disulfide	U		0.0014	0.011	mg/Kg-dry	1	9/9/2006
Carbon tetrachloride	U		0.0011	0.0057	mg/Kg-dry	1	9/9/2006
Chlorobenzene	U		0.00079	0.0057	mg/Kg-dry	1	9/9/2006
Chloroethane	U		0.0018	0.011	mg/Kg-dry	1	9/9/2006
Chloroform	U		0.0010	0.0057	mg/Kg-dry	1	9/9/2006
Chloromethane	U		0.0012	0.011	mg/Kg-dry	1	9/9/2006
cis-1,2-Dichloroethene	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
cis-1,3-Dichloropropene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
Dibromochloromethane	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
Ethylbenzene	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
m,p-Xylene	U		0.0011	0.011	mg/Kg-dry	1	9/9/2006
Methyl tert-butyl ether	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
Methylene chloride	U		0.0034	0.011	mg/Kg-dry	1	9/9/2006
n-Butylbenzene	U		0.00091	0.0057	mg/Kg-dry	1	9/9/2006
Naphthalene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
o-Xylene	U		0.00057	0.0057	mg/Kg-dry	1	9/9/2006
sec-Butylbenzene	U		0.00079	0.0057	mg/Kg-dry	1	9/9/2006
Styrene	U		0.00079	0.0057	mg/Kg-dry	1	9/9/2006
Tetrachloroethene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
Toluene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
trans-1,2-Dichloroethene	U		0.0011	0.0057	mg/Kg-dry	1	9/9/2006
trans-1,3-Dichloropropene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006
Trichloroethene	U		0.00068	0.0057	mg/Kg-dry	1	9/9/2006

Qualifiers:

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P - Dual Column results RPD > 40%
E - Value above quantitation range
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e-Lab Analytical, Inc.

Date: *September 13, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	MW-3 (17-18)
Work Order:	0609072	**Collection Date:**	9/6/2006 4:20:00 PM
Project:	92067647/North of Valsco		
Lab ID:	0609072-26	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00068	0.0023	mg/Kg-dry	1	9/9/2006
Xylenes, Total	U		0.0017	0.017	mg/Kg-dry	1	9/9/2006
Surr: 1,2-Dichloroethane-d4	*84.7*			*70-128*	*%REC*	1	9/9/2006
Surr: 4-Bromofluorobenzene	*86.7*			*73-126*	*%REC*	1	9/9/2006
Surr: Dibromofluoromethane	*82.7*			*71-128*	*%REC*	1	9/9/2006
Surr: Toluene-d8	*90.7*			*73-127*	*%REC*	1	9/9/2006
PERCENT MOISTURE		Method:	**E160.3**				Analyst: **RPM**
Percent Moisture	**11.9**		**0.010**	**0.0100**	**wt%**	1	9/7/2006

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: Sep 13, 2006

METHOD DETECTION / REPORTING LIMITS

Test Code: 8260_S
Test Number: SW8260
Test Name: Volatiles by GC/MS
Matrix: Solid **Units:** mg/Kg

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.0007	0.005
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0005	0.005
A	1,1,2-Trichloroethane	79-00-5	0.0005	0.005
A	1,1-Dichloroethane	75-34-3	0.0008	0.005
A	1,1-Dichloroethene	75-35-4	0.001	0.005
A	1,2,4-Trimethylbenzene	95-63-6	0.0007	0.005
A	1,2-Dichloroethane	107-06-2	0.0006	0.005
A	1,2-Dichloropropane	78-87-5	0.0006	0.005
A	1,3,5-Trimethylbenzene	108-67-8	0.0008	0.005
A	2-Butanone	78-93-3	0.0007	0.01
A	2-Hexanone	591-78-6	0.001	0.01
A	4-Methyl-2-pentanone	108-10-1	0.001	0.01
A	Acetone	67-64-1	0.002	0.025
A	Benzene	71-43-2	0.0006	0.005
A	Bromodichloromethane	75-27-4	0.0008	0.005
A	Bromoform	75-25-2	0.0005	0.005
A	Bromomethane	74-83-9	0.001	0.01
A	Carbon disulfide	75-15-0	0.0012	0.01
A	Carbon tetrachloride	56-23-5	0.001	0.005
A	Chlorobenzene	108-90-7	0.0007	0.005
A	Chloroethane	75-00-3	0.0016	0.01
A	Chloroform	67-66-3	0.0009	0.005
A	Chloromethane	74-87-3	0.0011	0.01
A	cis-1,2-Dichloroethene	156-59-2	0.0008	0.005
A	cis-1,3-Dichloropropene	10061-01-5	0.0006	0.005
A	Dibromochloromethane	124-48-1	0.0006	0.005
A	Ethylbenzene	100-41-4	0.0008	0.005
A	m,p-Xylene	136777-61-2	0.001	0.01
A	Methyl tert-butyl ether	1634-04-4	0.0008	0.005
A	Methylene chloride	75-09-2	0.003	0.01
A	n-Butylbenzene	104-51-8	0.0008	0.005
A	Naphthalene	91-20-3	0.0006	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	0.0007	0.005
A	Tetrachloroethene	127-18-4	0.0006	0.005
A	Toluene	108-88-3	0.0006	0.005
A	trans-1,2-Dichloroethene	156-60-5	0.001	0.005
A	trans-1,3-Dichloropropene	10061-02-6	0.0006	0.005
A	Trichloroethene	79-01-6	0.0006	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
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr: Toluene-d8	2037-26-5	0	0

Test Code: 8270_TCL_S
Test Number: SW8270
Test Name: TCL Semivolatile Organics
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,2,4-Trichlorobenzene	120-82-1	0.03	0.33
A	1,2-Dichlorobenzene	95-50-1	0.03	0.33
A	1,3-Dichlorobenzene	541-73-1	0.03	0.33
A	1,4-Dichlorobenzene	106-46-7	0.03	0.33
A	2,4,5-Trichlorophenol	95-95-4	0.04	0.33
A	2,4,6-Trichlorophenol	88-06-2	0.04	0.33
A	2,4-Dichlorophenol	120-83-2	0.03	0.33
A	2,4-Dimethylphenol	105-67-9	0.03	0.33
A	2,4-Dinitrophenol	51-28-5	0.03	0.33
A	2,4-Dinitrotoluene	121-14-2	0.03	0.33
A	2,6-Dinitrotoluene	606-20-2	0.03	0.33
A	2-Chloronaphthalene	91-58-7	0.03	0.33
A	2-Chlorophenol	95-57-8	0.03	0.33
A	2-Methylnaphthalene	91-57-6	0.03	0.33
A	2-Methylphenol	95-48-7	0.03	0.33
A	2-Nitroaniline	88-74-4	0.03	0.33
A	2-Nitrophenol	88-75-5	0.03	0.33
A	3&4-Methylphenol	106-44-5	0.03	0.33
A	3,3'-Dichlorobenzidine	91-94-1	0.03	0.33
A	3-Nitroaniline	99-09-2	0.03	0.33
A	4,6-Dinitro-2-methylphenol	534-52-1	0.05	0.33
A	4-Bromophenyl phenyl ether	101-55-3	0.03	0.33
A	4-Chloro-3-methylphenol	59-50-7	0.04	0.33
A	4-Chloroaniline	106-47-8	0.03	0.33
A	4-Chlorophenyl phenyl ether	7005-72-3	0.03	0.33
A	4-Nitroaniline	100-01-6	0.03	0.33
A	4-Nitrophenol	100-02-7	0.1	0.33
A	Acenaphthene	83-32-9	0.03	0.33
A	Acenaphthylene	208-96-8	0.03	0.33
A	Anthracene	120-12-7	0.03	0.33
A	Benz(a)anthracene	56-55-3	0.03	0.33
A	Benzo(a)pyrene	50-32-8	0.03	0.33
A	Benzo(b)fluoranthene	205-99-2	0.03	0.33
A	Benzo(g,h,i)perylene	191-24-2	0.03	0.33
A	Benzo(k)fluoranthene	207-08-9	0.03	0.33
A	Bis(2-chloroethoxy)methane	111-91-1	0.03	0.33
A	Bis(2-chloroethyl)ether	111-44-4	0.03	0.33
A	Bis(2-chloroisopropyl)ether	108-60-1	0.03	0.33
A	Bis(2-ethylhexyl)phthalate	117-81-7	0.03	0.33
A	Butyl benzyl phthalate	85-68-7	0.03	0.33
A	Carbazole	86-74-8	0.03	0.33
A	Chrysene	218-01-9	0.03	0.33

A	Di-n-butyl phthalate	84-74-2	0.03	0.33
A	Di-n-octyl phthalate	117-84-0	0.03	0.33
A	Dibenz(a,h)anthracene	53-70-3	0.03	0.33
A	Dibenzofuran	132-64-9	0.03	0.33
A	Diethyl phthalate	84-66-2	0.03	0.33
A	Dimethyl phthalate	131-11-3	0.03	0.33
A	Fluoranthene	206-44-0	0.03	0.33
A	Fluorene	86-73-7	0.03	0.33
A	Hexachlorobenzene	118-74-1	0.03	0.33
A	Hexachlorobutadiene	87-68-3	0.03	0.33
A	Hexachlorocyclopentadiene	77-47-4	0.03	0.33
A	Hexachloroethane	67-72-1	0.03	0.33
A	Indeno(1,2,3-cd)pyrene	193-39-5	0.03	0.33
A	Isophorone	78-59-1	0.03	0.33
A	N-Nitrosodi-n-propylamine	621-64-7	0.03	0.33
A	N-Nitrosodiphenylamine	86-30-6	0.03	0.33
A	Naphthalene	91-20-3	0.03	0.33
A	Nitrobenzene	98-95-3	0.03	0.33
A	Pentachlorophenol	87-86-5	0.05	0.33
A	Phenanthrene	85-01-8	0.03	0.33
A	Phenol	108-95-2	0.07	0.33
A	Pyrene	129-00-0	0.03	0.33
S	Surr: 2,4,6-Tribromophenol	118-79-6	0	0.33
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0.33
S	Surr: 2-Fluorophenol	367-12-4	0	0.33
S	Surr: 4-Terphenyl-d14	1718-51-0	0	0.33
S	Surr: Nitrobenzene-d5	4165-60-0	0	0.33
S	Surr: Phenol-d6	13127-88-3	0	0.33

e-Lab Analytical, Inc.

Date: Sep 13, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc.

Date: Sep 13, 2006

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Lead	7439-92-1	0.09	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5

e-Lab Analytical, Inc.

Date: Sep 13, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

e-Lab Analytical, Inc.

Date: Sep 13, 2006

Test Code: TX1005_S_REV3
Test Number: TX1005
Test Name: Texas TPH
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	>nC12 to nC28	TPHDRO	16	50
A	>nC28 to nC35	10W40MOTO	16	50
A	nC6 to nC12	TPHGRO	16	50
M	Total Petroleum Hydrocarbon	TPH	16	50
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 & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco

Date: *Sep 13 2006*

QC BATCH REPORT

Batch ID: **19703** Instrument ID **FID-7** Method: **TX1005**

MBLK Sample ID: **FBLKS1-060908** Units: **mg/Kg** Analysis Date: **09/09/06 11:28**
Client ID: Run ID: **FID-7_060908C** SeqNo: **945601** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	50								
>nC12 to nC28	U	50								
>nC28 to nC35	U	50								
Total Petroleum Hydrocarbon	U	50								
Surr: 2-Fluorobiphenyl	*54.8*	0	*50*	0	*110*	*70-130*	0			
Surr: Trifluoromethyl benzene	*54.5*	0	*50*	0	*109*	*70-130*	0			

LCS Sample ID: **FLCSS1-060908** Units: **mg/Kg** Analysis Date: **09/09/06 12:10**
Client ID: Run ID: **FID-7_060908C** SeqNo: **945602** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	258	50	250	0	103	75-125	0			
>nC12 to nC28	278.2	50	250	0	111	75-125	0			
Surr: 2-Fluorobiphenyl	*52.22*	0	*50*	0	*104*	*70-130*	0			
Surr: Trifluoromethyl benzene	*53.76*	0	*50*	0	*108*	*70-130*	0			

LCSD Sample ID: **FLCSDS1-060908** Units: **mg/Kg** Analysis Date: **09/09/06 12:52**
Client ID: Run ID: **FID-7_060908C** SeqNo: **945603** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	271	50	250	0	108	75-125	258	4.93	20	
>nC12 to nC28	294.9	50	250	0	118	75-125	278.2	5.86	20	
Surr: 2-Fluorobiphenyl	*55.62*	0	*50*	0	*111*	*70-130*	52.22	*6.3*	*20*	
Surr: Trifluoromethyl benzene	*56.07*	0	*50*	0	*112*	*70-130*	53.76	*4.21*	*20*	

MS Sample ID: **0609072-24BMS** Units: **mg/Kg** Analysis Date: **09/09/06 14:17**
Client ID: **MW-1 (17-18)** Run ID: **FID-7_060908C** SeqNo: **945605** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	252	50	250	0	101	75-125	0			
>nC12 to nC28	269.9	50	250	0	108	75-125	0			
Surr: 2-Fluorobiphenyl	*54.94*	0	*50*	0	*110*	*70-130*	0			
Surr: Trifluoromethyl benzene	*56.03*	0	*50*	0	*112*	*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 & Scientists

Work Order: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19703** Instrument ID **FID-7** Method: **TX1005**

MSD Sample ID: **0609072-24BMSD** Units: **mg/Kg** Analysis Date: **09/09/06 14:59**

Client ID: **MW-1 (17-18)** Run ID: **FID-7_060908C** SeqNo: **945606** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	247.3	50	250	0	98.9	75-125	252	1.88	20	
>nC12 to nC28	264.9	50	250	0	106	75-125	269.9	1.85	20	
Surr: 2-Fluorobiphenyl	*53.67*	0	*50*	0	*107*	*70-130*	54.94	*2.35*	*20*	
Surr: Trifluoromethyl benzene	*55.91*	0	*50*	0	*112*	*70-130*	56.03	*0.219*	*20*	

The following samples were analyzed in this batch: 0609072-24B 0609072-25B 0609072-26B

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19694** Instrument ID **Mercury** Method: **SW7471A**

MBLK Sample ID: **GBLKS1-090806** Units: **µg/Kg** Analysis Date: **09/08/06 14:06**

Client ID: Run ID: **MERCURY_060908A** SeqNo: **944848** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID: **GLCSS1-090806** Units: **µg/Kg** Analysis Date: **09/08/06 14:08**

Client ID: Run ID: **MERCURY_060908A** SeqNo: **944849** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	346	13	333.3	0	104	85-115	0			

LCSD Sample ID: **GLCSDS1-090806** Units: **µg/Kg** Analysis Date: **09/08/06 14:10**

Client ID: Run ID: **MERCURY_060908A** SeqNo: **944850** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	359.3	13	333.3	0	108	85-115	346	3.78	20	

MS Sample ID: **0609072-09AMS** Units: **µg/Kg** Analysis Date: **09/08/06 14:20**

Client ID: **B-5 (0-2)** Run ID: **MERCURY_060908A** SeqNo: **944853** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	306.6	13	331.1	7.074	90.5	85-115	0			

MSD Sample ID: **0609072-09AMSD** Units: **µg/Kg** Analysis Date: **09/08/06 14:21**

Client ID: **B-5 (0-2)** Run ID: **MERCURY_060908A** SeqNo: **944854** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	311.2	13	328.9	7.074	92.4	85-115	306.6	1.48	20	

DUP Sample ID: **0609072-09ADUP** Units: **µg/Kg** Analysis Date: **09/08/06 14:18**

Client ID: **B-5 (0-2)** Run ID: **MERCURY_060908A** SeqNo: **944852** Prep Date: **9/8/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	5.347	13	0	0	0		7.074	0	20	J

The following samples were analyzed in this batch:

0609072-01A	0609072-03A	0609072-05A
0609072-07A	0609072-09A	0609072-11A
0609072-12A	0609072-14A	0609072-16A
0609072-18A	0609072-20A	0609072-22A

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19727** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID: **MBLKS1-091106** Units: **mg/Kg** Analysis Date: **09/12/06 13:02**

Client ID: Run ID: **ICP7500_060912A** SeqNo: **946539** Prep Date: **9/11/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.50								
Barium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Lead	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								

LCS Sample ID: **MLCSS1-091106** Units: **mg/Kg** Analysis Date: **09/11/06 16:36**

Client ID: Run ID: **ICP7500_060911A** SeqNo: **946296** Prep Date: **9/11/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.251	0.50	10	0	92.5	80-120	0			
Barium	10.09	0.50	10	0	101	80-120	0			
Cadmium	9.77	0.50	10	0	97.7	80-120	0			
Chromium	10.71	0.50	10	0	107	80-120	0			
Lead	10.47	0.50	10	0	105	80-120	0			
Selenium	9.074	0.50	10	0	90.7	80-120	0			
Silver	9.581	0.50	10	0	95.8	80-120	0			

MS Sample ID: **0609072-03AMS** Units: **mg/Kg** Analysis Date: **09/11/06 17:06**

Client ID: **B-2 (0-2)** Run ID: **ICP7500_060911A** SeqNo: **946301** Prep Date: **9/11/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	8.083	0.48	9.524	0.7908	76.6	75-125	0			
Barium	29.28	0.48	9.524	21.9	77.4	75-125	0			
Cadmium	8.246	0.48	9.524	0.005527	86.5	75-125	0			
Chromium	15.5	0.48	9.524	6.469	94.8	75-125	0			
Lead	14.16	0.48	9.524	5.085	95.3	75-125	0			
Selenium	7.81	0.48	9.524	0.4066	77.7	75-125	0			
Silver	7.8	0.48	9.524	-0.02845	82.2	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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19727** Instrument ID **ICP7500** Method: **SW6020**

MSD Sample ID: **0609072-03AMSD** Units: **mg/Kg** Analysis Date: **09/11/06 17:12**

Client ID: **B-2 (0-2)** Run ID: **ICP7500_060911A** SeqNo: **946302** Prep Date: **9/11/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	8.213	0.48	9.524	0.7908	77.9	75-125	8.083	1.6	25	
Barium	29.86	0.48	9.524	21.9	83.5	75-125	29.28	1.96	25	
Cadmium	8.269	0.48	9.524	0.005527	86.8	75-125	8.246	0.277	25	
Chromium	15.82	0.48	9.524	6.469	98.2	75-125	15.5	2.07	25	
Lead	14.13	0.48	9.524	5.085	95	75-125	14.16	0.202	25	
Selenium	7.854	0.48	9.524	0.4066	78.2	75-125	7.81	0.572	25	
Silver	7.876	0.48	9.524	-0.02845	83	75-125	7.8	0.972	25	

DUP Sample ID: **0609072-03ADUP** Units: **mg/Kg** Analysis Date: **09/11/06 17:00**

Client ID: **B-2 (0-2)** Run ID: **ICP7500_060911A** SeqNo: **946300** Prep Date: **9/11/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.897	0.48	0	0	0	0-0	0.7908	12.6	25	
Barium	20.67	0.48	0	0	0	0-0	21.9	5.82	25	
Cadmium	U	0.48	0	0	0	0-0	0.005527	0	25	
Chromium	6.748	0.48	0	0	0	0-0	6.469	4.22	25	
Lead	5.369	0.48	0	0	0	0-0	5.085	5.43	25	
Selenium	0.4268	0.48	0	0	0	0-0	0.4066	0	25	J
Silver	U	0.48	0	0	0	0-0	-0.02845	0	25	

PDS Sample ID: **0609072-03ABS** Units: **mg/Kg** Analysis Date: **09/12/06 13:21**

Client ID: **B-2 (0-2)** Run ID: **ICP7500_060912A** SeqNo: **946540** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.42	0.48	9.524	0.7908	112	75-125	0			
Barium	33.62	0.48	9.524	21.9	123	75-125	0			
Cadmium	11.09	0.48	9.524	0	116	75-125	0			
Chromium	16.98	0.48	9.524	6.469	110	75-125	0			
Lead	16.89	0.48	9.524	5.085	124	75-125	0			
Selenium	11.24	0.48	9.524	0.4066	114	75-125	0			
Silver	7.258	0.48	9.524	0	76.2	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: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19727** Instrument ID **ICP7500** Method: **SW6020**

SD Sample ID: **0609072-03A DIL** Units: **mg/Kg** Analysis Date: **09/11/06 17:42**

Client ID: **B-2 (0-2)** Run ID: **ICP7500_060911A** SeqNo: **946306** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9181	2.4	0	0	0	0-0	0.7908	0	10	J
Barium	24.7	2.4	0	0	0	0-0	21.9	12.7	10	R
Cadmium	U	2.4	0	0	0	0-0	0.005527	0	10	
Chromium	7.833	2.4	0	0	0	0-0	6.469	21.1	10	R
Lead	5.771	2.4	0	0	0	0-0	5.085	13.5	10	R
Selenium	U	2.4	0	0	0	0-0	0.4066	0	10	
Silver	U	2.4	0	0	0	0-0	-0.02845	0	10	

The following samples were analyzed in this batch:

0609072-01A	0609072-03A	0609072-05A
0609072-07A	0609072-09A	0609072-11A
0609072-12A	0609072-14A	0609072-16A
0609072-18A	0609072-20A	0609072-22A

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

MBLK Sample ID: **SBLKS2-060909** Units: **µg/Kg** Analysis Date: **09/11/06 14:10**

Client ID: Run ID: **SV-3_060911A** SeqNo: **946397** Prep Date: **9/9/2006** 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	330								
1,2-Dichlorobenzene	U	330								
1,3-Dichlorobenzene	U	330								
1,4-Dichlorobenzene	U	330								
2,4,5-Trichlorophenol	U	330								
2,4,6-Trichlorophenol	U	330								
2,4-Dichlorophenol	U	330								
2,4-Dimethylphenol	U	330								
2,4-Dinitrophenol	U	330								
2,4-Dinitrotoluene	U	330								
2,6-Dinitrotoluene	U	330								
2-Chloronaphthalene	U	330								
2-Chlorophenol	U	330								
2-Methylnaphthalene	U	330								
2-Methylphenol	U	330								
2-Nitroaniline	U	330								
2-Nitrophenol	U	330								
3&4-Methylphenol	U	330								
3,3'-Dichlorobenzidine	U	330								
3-Nitroaniline	U	330								
4,6-Dinitro-2-methylphenol	U	330								
4-Bromophenyl phenyl ether	U	330								
4-Chloro-3-methylphenol	U	330								
4-Chloroaniline	U	330								
4-Chlorophenyl phenyl ether	U	330								
4-Nitroaniline	U	330								
4-Nitrophenol	U	330								
Acenaphthene	U	330								
Acenaphthylene	U	330								
Anthracene	U	330								
Benz(a)anthracene	U	330								
Benzo(a)pyrene	U	330								
Benzo(b)fluoranthene	U	330								
Benzo(g,h,i)perylene	U	330								
Benzo(k)fluoranthene	U	330								
Bis(2-chloroethoxy)methane	U	330								
Bis(2-chloroethyl)ether	U	330								
Bis(2-chloroisopropyl)ether	U	330								
Bis(2-ethylhexyl)phthalate	U	330								
Butyl benzyl phthalate	U	330								

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: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709**	Instrument ID **SV-3**		Method: **SW8270**				
Carbazole	U	330					
Chrysene	U	330					
Di-n-butyl phthalate	U	330					
Di-n-octyl phthalate	U	330					
Dibenz(a,h)anthracene	U	330					
Dibenzofuran	U	330					
Diethyl phthalate	U	330					
Dimethyl phthalate	U	330					
Fluoranthene	U	330					
Fluorene	U	330					
Hexachlorobenzene	U	330					
Hexachlorobutadiene	U	330					
Hexachlorocyclopentadiene	U	330					
Hexachloroethane	U	330					
Indeno(1,2,3-cd)pyrene	U	330					
Isophorone	U	330					
N-Nitrosodi-n-propylamine	U	330					
N-Nitrosodiphenylamine	U	330					
Naphthalene	U	330					
Nitrobenzene	U	330					
Pentachlorophenol	U	330					
Phenanthrene	U	330					
Phenol	U	330					
Pyrene	U	330					
Surr: 2,4,6-Tribromophenol	*2161*	330	*3333*	0	*64.8*	*40-133*	0
Surr: 2-Fluorobiphenyl	*2027*	330	*3333*	0	*60.8*	*34-122*	0
Surr: 2-Fluorophenol	*2007*	330	*3333*	0	*60.2*	*25-115*	0
Surr: 4-Terphenyl-d14	*2542*	330	*3333*	0	*76.3*	*33-125*	0
Surr: Nitrobenzene-d5	*2043*	330	*3333*	0	*61.3*	*39-120*	0
Surr: Phenol-d6	*2017*	330	*3333*	0	*60.5*	*20-115*	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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

LCS Sample ID: **SLCSS2-060909** Units: **µg/Kg** Analysis Date: **09/12/06 11:41**

Client ID: Run ID: **SV-3_060911A** SeqNo: **946409** Prep Date: **9/9/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1233	330	1667	0	74	60.6-115	0			
1,2-Dichlorobenzene	1171	330	1667	0	70.3	59.9-115	0			
1,3-Dichlorobenzene	1156	330	1667	0	69.4	55.5-115	0			
1,4-Dichlorobenzene	1162	330	1667	0	69.7	57.4-115	0			
2,4,5-Trichlorophenol	2390	330	3333	0	71.7	63.1-115	0			
2,4,6-Trichlorophenol	2437	330	3333	0	73.1	58.8-115	0			
2,4-Dichlorophenol	2452	330	3333	0	73.6	63.2-115	0			
2,4-Dimethylphenol	2383	330	3333	0	71.5	59.8-115	0			
2,4-Dinitrophenol	2192	330	3333	0	65.8	20-115	0			
2,4-Dinitrotoluene	1355	330	1667	0	81.3	63.1-115	0			
2,6-Dinitrotoluene	1636	330	1667	0	98.1	63.5-115	0			
2-Chloronaphthalene	1663	330	1667	0	99.8	60.7-115	0			
2-Chlorophenol	2328	330	3333	0	69.8	61.2-115	0			
2-Methylnaphthalene	1264	330	1667	0	75.8	51.8-115	0			
2-Methylphenol	2285	330	3333	0	68.5	61.8-115	0			
2-Nitroaniline	1388	330	1667	0	83.3	59.9-115	0			
2-Nitrophenol	2443	330	3333	0	73.3	58.6-115	0			
3&4-Methylphenol	3346	330	5000	0	66.9	61.3-115	0			
3,3'-Dichlorobenzidine	1170	330	1667	0	70.2	35.3-115	0			
3-Nitroaniline	906.3	330	1667	0	54.4	45.3-115	0			
4,6-Dinitro-2-methylphenol	2446	330	3333	0	73.4	36.2-115	0			
4-Bromophenyl phenyl ether	1364	330	1667	0	81.8	62.6-115	0			
4-Chloro-3-methylphenol	2234	330	3333	0	67	62-115	0			
4-Chloroaniline	1121	330	1667	0	67.3	43.4-115	0			
4-Chlorophenyl phenyl ether	1123	330	1667	0	67.4	62.8-115	0			
4-Nitroaniline	967.9	330	1667	0	58.1	53.3-115	0			
4-Nitrophenol	2003	330	3333	0	60.1	48.3-117	0			
Acenaphthene	1209	330	1667	0	72.5	61.6-115	0			
Acenaphthylene	1209	330	1667	0	72.5	61.6-115	0			
Anthracene	1229	330	1667	0	73.7	64.3-115	0			
Benz(a)anthracene	1273	330	1667	0	76.4	61.8-115	0			
Benzo(a)pyrene	1231	330	1667	0	73.9	55.1-121	0			
Benzo(b)fluoranthene	1474	330	1667	0	88.4	48.1-115	0			
Benzo(g,h,i)perylene	1370	330	1667	0	82.2	49-125	0			
Benzo(k)fluoranthene	1253	330	1667	0	75.2	40-115	0			
Bis(2-chloroethoxy)methane	1296	330	1667	0	77.8	61.8-115	0			
Bis(2-chloroethyl)ether	1309	330	1667	0	78.5	58.3-115	0			
Bis(2-chloroisopropyl)ether	1344	330	1667	0	80.7	50.3-115	0			
Bis(2-ethylhexyl)phthalate	1420	330	1667	0	85.2	57.7-132	0			
Butyl benzyl phthalate	1381	330	1667	0	82.9	60.9-117	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

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

Carbazole	1199	330	1667	0	71.9	65.6-115	0
Chrysene	1355	330	1667	0	81.3	60.5-115	0
Di-n-butyl phthalate	1258	330	1667	0	75.5	65.6-119	0
Di-n-octyl phthalate	1353	330	1667	0	81.2	52.8-135	0
Dibenz(a,h)anthracene	1223	330	1667	0	73.4	40-125	0
Dibenzofuran	1156	330	1667	0	69.3	63.9-115	0
Diethyl phthalate	1151	330	1667	0	69.1	62.7-115	0
Dimethyl phthalate	1130	330	1667	0	67.8	64.6-115	0
Fluoranthene	1067	330	1667	0	64	60.7-115	0
Fluorene	1131	330	1667	0	67.9	62.9-115	0
Hexachlorobenzene	1288	330	1667	0	77.3	63.6-115	0
Hexachlorobutadiene	1197	330	1667	0	71.8	57.7-115	0
Hexachlorocyclopentadiene	1182	330	1667	0	70.9	47.7-115	0
Hexachloroethane	1222	330	1667	0	73.3	58.4-115	0
Indeno(1,2,3-cd)pyrene	1397	330	1667	0	83.8	47.6-115	0
Isophorone	1236	330	1667	0	74.1	48-142	0
N-Nitrosodi-n-propylamine	1131	330	1667	0	67.9	59.8-115	0
N-Nitrosodiphenylamine	1340	330	1667	0	80.4	41.4-115	0
Naphthalene	1244	330	1667	0	74.7	66.3-130	0
Nitrobenzene	1753	330	1667	0	105	58.9-115	0
Pentachlorophenol	2510	330	3333	0	75.3	45.8-119	0
Phenanthrene	1224	330	1667	0	73.4	64.5-115	0
Phenol	2366	330	3333	0	71	57.2-115	0
Pyrene	1390	330	1667	0	83.4	61.6-115	0
Surr: 2,4,6-Tribromophenol	*2662*	330	*3333*	0	*79.9*	*40-133*	0
Surr: 2-Fluorobiphenyl	*2485*	330	*3333*	0	*74.6*	*34-122*	0
Surr: 2-Fluorophenol	*2549*	330	*3333*	0	*76.5*	*25-115*	0
Surr: 4-Terphenyl-d14	*2733*	330	*3333*	0	*82*	*33-125*	0
Surr: Nitrobenzene-d5	*2586*	330	*3333*	0	*77.6*	*39-120*	0
Surr: Phenol-d6	*2609*	330	*3333*	0	*78.3*	*20-115*	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: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

MS Sample ID: **0609053-01CMS** Units: **µg/Kg** Analysis Date: **09/11/06 15:44**

Client ID: Run ID: **SV-3_060911A** SeqNo: **946399** Prep Date: **9/9/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	635.6	330	1667	0	38.1	60.6-115	0			S
1,2-Dichlorobenzene	578.2	330	1667	0	34.7	59.9-115	0			S
1,3-Dichlorobenzene	557.1	330	1667	0	33.4	55.5-115	0			S
1,4-Dichlorobenzene	569.3	330	1667	0	34.2	57.4-115	0			S
2,4,5-Trichlorophenol	2083	330	3333	0	62.5	63.1-115	0			S
2,4,6-Trichlorophenol	1842	330	3333	0	55.3	58.8-115	0			S
2,4-Dichlorophenol	1451	330	3333	0	43.5	63.2-115	0			S
2,4-Dimethylphenol	1419	330	3333	0	42.6	59.8-115	0			S
2,4-Dinitrophenol	2201	330	3333	0	66	20-115	0			
2,4-Dinitrotoluene	1059	330	1667	0	63.5	63.1-115	0			
2,6-Dinitrotoluene	1028	330	1667	0	61.7	63.5-115	0			S
2-Chloronaphthalene	1760	330	1667	0	106	60.7-115	0			
2-Chlorophenol	1191	330	3333	0	35.7	61.2-115	0			S
2-Methylnaphthalene	1499	330	1667	0	89.9	51.8-115	0			
2-Methylphenol	1198	330	3333	0	35.9	61.8-115	0			S
2-Nitroaniline	1182	330	1667	0	70.9	59.9-115	0			
2-Nitrophenol	1264	330	3333	0	37.9	58.6-115	0			S
3&4-Methylphenol	1888	330	5000	0	37.8	61.3-115	0			S
3,3'-Dichlorobenzidine	1271	330	1667	0	76.2	35.3-115	0			
3-Nitroaniline	926.9	330	1667	0	55.6	45.3-115	0			
4,6-Dinitro-2-methylphenol	2484	330	3333	0	74.5	36.2-115	0			
4-Bromophenyl phenyl ether	1246	330	1667	0	74.7	62.6-115	0			
4-Chloro-3-methylphenol	1717	330	3333	0	51.5	62-115	0			S
4-Chloroaniline	717.4	330	1667	0	43	43.4-115	0			S
4-Chlorophenyl phenyl ether	1041	330	1667	0	62.4	62.8-115	0			S
4-Nitroaniline	971.5	330	1667	0	58.3	53.3-115	0			
4-Nitrophenol	1692	330	3333	0	50.8	48.3-117	0			
Acenaphthene	946.4	330	1667	0	56.8	61.6-115	0			S
Acenaphthylene	968.3	330	1667	0	58.1	61.6-115	0			S
Anthracene	1293	330	1667	0	77.6	64.3-115	0			
Benz(a)anthracene	1425	330	1667	0	85.5	61.8-115	0			
Benzo(a)pyrene	1336	330	1667	0	80.1	55.1-121	0			
Benzo(b)fluoranthene	1311	330	1667	0	78.7	48.1-115	0			
Benzo(g,h,i)perylene	1508	330	1667	0	90.5	49-125	0			
Benzo(k)fluoranthene	1296	330	1667	0	77.7	40-115	0			
Bis(2-chloroethoxy)methane	711.3	330	1667	0	42.7	61.8-115	0			S
Bis(2-chloroethyl)ether	618.9	330	1667	0	37.1	58.3-115	0			S
Bis(2-chloroisopropyl)ether	670.8	330	1667	0	40.2	50.3-115	0			S
Bis(2-ethylhexyl)phthalate	1603	330	1667	0	96.2	57.7-132	0			
Butyl benzyl phthalate	1515	330	1667	0	90.9	60.9-117	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: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

Carbazole	1280	330	1667	0	76.8	65.6-115	0	
Chrysene	1278	330	1667	0	76.7	60.5-115	0	
Di-n-butyl phthalate	1458	330	1667	0	87.5	65.6-119	0	
Di-n-octyl phthalate	1546	330	1667	0	92.8	52.8-135	0	
Dibenz(a,h)anthracene	1371	330	1667	0	82.3	40-125	0	
Dibenzofuran	1003	330	1667	0	60.2	63.9-115	0	S
Diethyl phthalate	1180	330	1667	0	70.8	62.7-115	0	
Dimethyl phthalate	1083	330	1667	0	65	64.6-115	0	
Fluoranthene	1215	330	1667	0	72.9	60.7-115	0	
Fluorene	1040	330	1667	0	62.4	62.9-115	0	S
Hexachlorobenzene	1254	330	1667	0	75.2	63.6-115	0	
Hexachlorobutadiene	608.1	330	1667	0	36.5	57.7-115	0	S
Hexachlorocyclopentadiene	659.6	330	1667	0	39.6	47.7-115	0	S
Hexachloroethane	580.8	330	1667	0	34.8	58.4-115	0	S
Indeno(1,2,3-cd)pyrene	1503	330	1667	0	90.2	47.6-115	0	
Isophorone	776.2	330	1667	0	46.6	48-142	0	S
N-Nitrosodi-n-propylamine	635.1	330	1667	0	38.1	59.8-115	0	S
N-Nitrosodiphenylamine	1293	330	1667	0	77.6	41.4-115	0	
Naphthalene	661.4	330	1667	0	39.7	66.3-130	0	S
Nitrobenzene	768.7	330	1667	0	46.1	58.9-115	0	S
Pentachlorophenol	2521	330	3333	0	75.6	45.8-119	0	
Phenanthrene	1284	330	1667	0	77	64.5-115	0	
Phenol	1232	330	3333	0	36.9	57.2-115	0	S
Pyrene	1464	330	1667	0	87.8	61.6-115	0	
Surr: 2,4,6-Tribromophenol	*2360*	330	*3333*	0	*70.8*	*40-133*	0	
Surr: 2-Fluorobiphenyl	*1480*	330	*3333*	0	*44.4*	*34-122*	0	
Surr: 2-Fluorophenol	*1086*	330	*3333*	0	*32.6*	*25-115*	0	
Surr: 4-Terphenyl-d14	*2787*	330	*3333*	0	*83.6*	*33-125*	0	
Surr: Nitrobenzene-d5	*2470*	330	*3333*	0	*74.1*	*39-120*	0	
Surr: Phenol-d6	*1185*	330	*3333*	0	*35.6*	*20-115*	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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

MSD Sample ID: **0609053-01CMSD** Units: **µg/Kg** Analysis Date: **09/11/06 16:14**

Client ID: Run ID: **SV-3_060911A** SeqNo: **946400** Prep Date: **9/9/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	647.7	330	1667	0	38.9	60.6-115	635.6	1.88	30	S
1,2-Dichlorobenzene	616.1	330	1667	0	37	59.9-115	578.2	6.35	30	S
1,3-Dichlorobenzene	598.2	330	1667	0	35.9	55.5-115	557.1	7.11	30	S
1,4-Dichlorobenzene	587.8	330	1667	0	35.3	57.4-115	569.3	3.2	30	S
2,4,5-Trichlorophenol	2008	330	3333	0	60.3	63.1-115	2083	3.64	30	S
2,4,6-Trichlorophenol	1995	330	3333	0	59.8	58.8-115	1842	7.96	30	
2,4-Dichlorophenol	1454	330	3333	0	43.6	63.2-115	1451	0.237	30	S
2,4-Dimethylphenol	1437	330	3333	0	43.1	59.8-115	1419	1.29	30	S
2,4-Dinitrophenol	2241	330	3333	0	67.2	20-115	2201	1.81	30	
2,4-Dinitrotoluene	1093	330	1667	0	65.6	63.1-115	1059	3.24	30	
2,6-Dinitrotoluene	1084	330	1667	0	65.1	63.5-115	1028	5.29	30	
2-Chloronaphthalene	1782	330	1667	0	107	60.7-115	1760	1.26	30	
2-Chlorophenol	1284	330	3333	0	38.5	61.2-115	1191	7.55	30	S
2-Methylnaphthalene	1526	330	1667	0	91.6	51.8-115	1499	1.8	30	
2-Methylphenol	1283	330	3333	0	38.5	61.8-115	1198	6.88	30	S
2-Nitroaniline	1226	330	1667	0	73.5	59.9-115	1182	3.61	30	
2-Nitrophenol	1327	330	3333	0	39.8	58.6-115	1264	4.87	30	S
3&4-Methylphenol	1998	330	5000	0	40	61.3-115	1888	5.69	30	S
3,3'-Dichlorobenzidine	1327	330	1667	0	79.6	35.3-115	1271	4.35	30	
3-Nitroaniline	945.8	330	1667	0	56.8	45.3-115	926.9	2.02	30	
4,6-Dinitro-2-methylphenol	2507	330	3333	0	75.2	36.2-115	2484	0.913	30	
4-Bromophenyl phenyl ether	1325	330	1667	0	79.5	62.6-115	1246	6.15	30	
4-Chloro-3-methylphenol	1816	330	3333	0	54.5	62-115	1717	5.59	30	S
4-Chloroaniline	723.6	330	1667	0	43.4	43.4-115	717.4	0.859	30	
4-Chlorophenyl phenyl ether	1080	330	1667	0	64.8	62.8-115	1041	3.74	30	
4-Nitroaniline	1018	330	1667	0	61.1	53.3-115	971.5	4.64	30	
4-Nitrophenol	1734	330	3333	0	52	48.3-117	1692	2.43	30	
Acenaphthene	981.7	330	1667	0	58.9	61.6-115	946.4	3.66	30	S
Acenaphthylene	986.9	330	1667	0	59.2	61.6-115	968.3	1.9	30	S
Anthracene	1299	330	1667	0	78	64.3-115	1293	0.468	30	
Benz(a)anthracene	1467	330	1667	0	88	61.8-115	1425	2.88	30	
Benzo(a)pyrene	1360	330	1667	0	81.6	55.1-121	1336	1.79	30	
Benzo(b)fluoranthene	1605	330	1667	0	96.3	48.1-115	1311	20.1	30	
Benzo(g,h,i)perylene	1489	330	1667	0	89.4	49-125	1508	1.25	30	
Benzo(k)fluoranthene	1387	330	1667	0	83.2	40-115	1296	6.77	30	
Bis(2-chloroethoxy)methane	729.7	330	1667	0	43.8	61.8-115	711.3	2.55	30	S
Bis(2-chloroethyl)ether	691.2	330	1667	0	41.5	58.3-115	618.9	11	30	S
Bis(2-chloroisopropyl)ether	717.6	330	1667	0	43.1	50.3-115	670.8	6.74	30	S
Bis(2-ethylhexyl)phthalate	1731	330	1667	0	104	57.7-132	1603	7.63	30	
Butyl benzyl phthalate	1597	330	1667	0	95.8	60.9-117	1515	5.23	30	

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19709** Instrument ID **SV-3** Method: **SW8270**

Carbazole	1267	330	1667	0	76	65.6-115	1280	0.989	30	
Chrysene	1383	330	1667	0	83	60.5-115	1278	7.85	30	
Di-n-butyl phthalate	1485	330	1667	0	89.1	65.6-119	1458	1.83	30	
Di-n-octyl phthalate	1607	330	1667	0	96.4	52.8-135	1546	3.89	30	
Dibenz(a,h)anthracene	1352	330	1667	0	81.1	40-125	1371	1.41	30	
Dibenzofuran	1012	330	1667	0	60.7	63.9-115	1003	0.907	30	S
Diethyl phthalate	1227	330	1667	0	73.6	62.7-115	1180	3.85	30	
Dimethyl phthalate	1107	330	1667	0	66.4	64.6-115	1083	2.19	30	
Fluoranthene	1259	330	1667	0	75.5	60.7-115	1215	3.59	30	
Fluorene	1081	330	1667	0	64.9	62.9-115	1040	3.83	30	
Hexachlorobenzene	1294	330	1667	0	77.7	63.6-115	1254	3.18	30	
Hexachlorobutadiene	624.1	330	1667	0	37.4	57.7-115	608.1	2.59	30	S
Hexachlorocyclopentadiene	679.8	330	1667	0	40.8	47.7-115	659.6	3.01	30	S
Hexachloroethane	629.1	330	1667	0	37.7	58.4-115	580.8	7.99	30	S
Indeno(1,2,3-cd)pyrene	1488	330	1667	0	89.3	47.6-115	1503	1	30	
Isophorone	772.8	330	1667	0	46.4	48-142	776.2	0.433	30	S
N-Nitrosodi-n-propylamine	680.9	330	1667	0	40.9	59.8-115	635.1	6.97	30	S
N-Nitrosodiphenylamine	1328	330	1667	0	79.7	41.4-115	1293	2.67	30	
Naphthalene	668	330	1667	0	40.1	66.3-130	661.4	0.991	30	S
Nitrobenzene	714.5	330	1667	0	42.9	58.9-115	768.7	7.31	30	S
Pentachlorophenol	2607	330	3333	0	78.2	45.8-119	2521	3.34	30	
Phenanthrene	1309	330	1667	0	78.6	64.5-115	1284	1.96	30	
Phenol	1315	330	3333	0	39.5	57.2-115	1232	6.56	30	S
Pyrene	1570	330	1667	0	94.2	61.6-115	1464	6.99	30	
Surr: 2,4,6-Tribromophenol	*2351*	330	*3333*	0	*70.5*	*40-133*	2360	*0.352*	*30*	
Surr: 2-Fluorobiphenyl	*1519*	330	*3333*	0	*45.6*	*34-122*	1480	*2.61*	*30*	
Surr: 2-Fluorophenol	*1154*	330	*3333*	0	*34.6*	*25-115*	1086	*6.04*	*30*	
Surr: 4-Terphenyl-d14	*2950*	330	*3333*	0	*88.5*	*33-125*	2787	*5.67*	*30*	
Surr: Nitrobenzene-d5	*2597*	330	*3333*	0	*77.9*	*39-120*	2470	*5.01*	*30*	
Surr: Phenol-d6	*1264*	330	*3333*	0	*37.9*	*20-115*	1185	*6.41*	*30*	

The following samples were analyzed in this batch: 0609072-24C 0609072-25B 0609072-26B

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: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500** Instrument ID **VOA4** Method: **SW8260**

MBLK Sample ID: **VBLKS-0908** Units: **µg/Kg** Analysis Date: **09/08/06 22:39**

Client ID: Run ID: **VOA4_060908A** SeqNo: **945634** 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	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
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	0.6942	5.0								J
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
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: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500** Instrument ID **VOA4** Method: **SW8260**

Vinyl chloride	U	2.0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	*39.95*	0	*50*	0	*79.9*	*70-128*	0
Surr: 4-Bromofluorobenzene	*42.6*	0	*50*	0	*85.2*	*73-126*	0
Surr: Dibromofluoromethane	*41.35*	0	*50*	0	*82.7*	*71-128*	0
Surr: Toluene-d8	*45.23*	0	*50*	0	*90.5*	*73-127*	0

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CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500** Instrument ID **VOA4** Method: **SW8260**

LCS Sample ID: **VLCSS-0908** Units: **µg/Kg** Analysis Date: **09/08/06 21:56**

Client ID: Run ID: **VOA4_060908A** SeqNo: **945633** 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	50.18	5.0	50	0	100	75.6-123	0			
1,1,2,2-Tetrachloroethane	54.74	5.0	50	0	109	75.1-120	0			
1,1,2-Trichloroethane	51.6	5.0	50	0	103	72.8-120	0			
1,1-Dichloroethane	50.87	5.0	50	0	102	75.3-121	0			
1,1-Dichloroethene	52.16	5.0	50	0	104	78-120	0			
1,2,4-Trimethylbenzene	51.61	5.0	50	0	103	78.9-120	0			
1,2-Dichloroethane	46.75	5.0	50	0	93.5	70.6-128	0			
1,2-Dichloropropane	52.64	5.0	50	0	105	79.4-120	0			
1,3,5-Trimethylbenzene	52.21	5.0	50	0	104	78.9-122	0			
2-Butanone	111.7	10	100	0	112	54.8-130	0			
2-Hexanone	107.7	10	100	0	108	58.1-127	0			
4-Methyl-2-pentanone	109.4	10	100	0	109	67.6-120	0			
Acetone	100.2	20	100	0	100	53.4-132	0			
Benzene	49.53	5.0	50	0	99.1	80-121	0			
Bromodichloromethane	50.63	5.0	50	0	101	73.5-120	0			
Bromoform	51.06	5.0	50	0	102	76.9-120	0			
Bromomethane	63.39	10	50	0	127	58.9-132	0			
Carbon disulfide	106.8	10	100	0	107	75.6-121	0			
Carbon tetrachloride	47.58	5.0	50	0	95.2	71.8-130	0			
Chlorobenzene	50.02	5.0	50	0	100	80-120	0			
Chloroethane	51.51	10	50	0	103	62.5-135	0			
Chloroform	48.14	5.0	50	0	96.3	74.5-120	0			
Chloromethane	52.17	10	50	0	104	62.8-129	0			
cis-1,2-Dichloroethene	51.79	5.0	50	0	104	76.4-121	0			
cis-1,3-Dichloropropene	51.67	5.0	50	0	103	72.7-120	0			
Dibromochloromethane	49.18	5.0	50	0	98.4	71.5-120	0			
Ethylbenzene	50.95	5.0	50	0	102	79.9-122	0			
m,p-Xylene	101.2	10	100	0	101	79.6-125	0			
Methyl tert-butyl ether	52.44	5.0	50	0	105	73.7-120	0			
Methylene chloride	51.94	10	50	0	104	61.4-120	0			
n-Butylbenzene	52.36	5.0	50	0	105	78-124	0			
Naphthalene	58.81	5.0	50	0	118	73.6-129	0			
o-Xylene	53.51	5.0	50	0	107	79.4-122	0			
sec-Butylbenzene	54.15	5.0	50	0	108	78.5-120	0			
Styrene	53.73	5.0	50	0	107	79.6-123	0			
Tetrachloroethene	50.28	5.0	50	0	101	79.5-125	0			
Toluene	50.97	5.0	50	0	102	79.1-123	0			
trans-1,2-Dichloroethene	50.79	5.0	50	0	102	76.3-124	0			
trans-1,3-Dichloropropene	52.29	5.0	50	0	105	65-127	0			
Trichloroethene	51.08	5.0	50	0	102	77.1-121	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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500**	Instrument ID **VOA4**		Method: **SW8260**				
Vinyl chloride	52.84	2.0	50	0	106	66.1-129	0
Xylenes, Total	154.7	15	150	0	103	79.4-125	0
Surr: 1,2-Dichloroethane-d4	*40.48*	0	*50*	0	*81*	*70-128*	0
Surr: 4-Bromofluorobenzene	*44.48*	0	*50*	0	*89*	*73-126*	0
Surr: Dibromofluoromethane	*43.72*	0	*50*	0	*87.4*	*71-128*	0
Surr: Toluene-d8	*47.02*	0	*50*	0	*94*	*73-127*	0

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B - Analyte detected in assoc. Method Blank

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CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609072
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500** Instrument ID **VOA4** Method: **SW8260**

MS Sample ID: **0609030-09AMS** Units: **µg/Kg** Analysis Date: **09/08/06 23:01**

Client ID: Run ID: **VOA4_060908A** SeqNo: **945635** 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	48.58	5.0	50	0	97.2	75.6-123	0			
1,1,2,2-Tetrachloroethane	60.21	5.0	50	0	120	75.1-120	0			S
1,1,2-Trichloroethane	49.88	5.0	50	0	99.8	72.8-120	0			
1,1-Dichloroethane	48.52	5.0	50	0	97	75.3-121	0			
1,1-Dichloroethene	50.92	5.0	50	0	102	78-120	0			
1,2,4-Trimethylbenzene	39.24	5.0	50	0	78.5	78.9-120	0			S
1,2-Dichloroethane	43.27	5.0	50	0	86.5	70.6-128	0			
1,2-Dichloropropane	48.39	5.0	50	0	96.8	79.4-120	0			
1,3,5-Trimethylbenzene	39.15	5.0	50	0	78.3	78.9-122	0			S
2-Butanone	120.3	10	100	3.429	117	54.8-130	0			
2-Hexanone	107.4	10	100	0	107	58.1-127	0			
4-Methyl-2-pentanone	123.5	10	100	0	124	67.6-120	0			S
Acetone	113.1	20	100	14.29	98.8	53.4-132	0			
Benzene	46.15	5.0	50	0	92.3	80-121	0			
Bromodichloromethane	45.46	5.0	50	0	90.9	73.5-120	0			
Bromoform	46.41	5.0	50	0	92.8	76.9-120	0			
Bromomethane	68.5	10	50	0	137	58.9-132	0			S
Carbon disulfide	102.5	10	100	0	103	75.6-121	0			
Carbon tetrachloride	45.86	5.0	50	0	91.7	71.8-130	0			
Chlorobenzene	42.32	5.0	50	0	84.6	80-120	0			
Chloroethane	50.33	10	50	0	101	62.5-135	0			
Chloroform	46.82	5.0	50	0	93.6	74.5-120	0			
Chloromethane	53.21	10	50	0	106	62.8-129	0			
cis-1,2-Dichloroethene	48.68	5.0	50	0	97.4	76.4-121	0			
cis-1,3-Dichloropropene	45.94	5.0	50	0	91.9	72.7-120	0			
Dibromochloromethane	40.95	5.0	50	0	81.9	71.5-120	0			
Ethylbenzene	43.14	5.0	50	1.075	84.1	79.9-122	0			
m,p-Xylene	83.67	10	100	0	83.7	79.6-125	0			
Methyl tert-butyl ether	49.38	5.0	50	0	98.8	73.7-120	0			
Methylene chloride	52.21	10	50	0	104	61.4-120	0			
n-Butylbenzene	35.27	5.0	50	3.064	64.4	78-124	0			S
Naphthalene	40.08	5.0	50	1.445	77.3	73.6-129	0			
o-Xylene	43.46	5.0	50	0	86.9	79.4-122	0			
sec-Butylbenzene	39.57	5.0	50	1.64	75.9	78.5-120	0			S
Styrene	42.18	5.0	50	0	84.4	79.6-123	0			
Tetrachloroethene	41.92	5.0	50	0	83.8	79.5-125	0			
Toluene	45.35	5.0	50	0	90.7	79.1-123	0			
trans-1,2-Dichloroethene	49.51	5.0	50	0	99	76.3-124	0			
trans-1,3-Dichloropropene	45.55	5.0	50	0	91.1	65-127	0			
Trichloroethene	46.2	5.0	50	0	92.4	77.1-121	0			

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500**	Instrument ID **VOA4**		Method: **SW8260**				
Vinyl chloride	53.96	2.0	50	0	108	66.1-129	0
Xylenes, Total	127.1	15	150	0	84.8	79.4-125	0
Surr: 1,2-Dichloroethane-d4	*42.62*	0	*50*	0	*85.2*	*70-128*	0
Surr: 4-Bromofluorobenzene	*43.9*	0	*50*	0	*87.8*	*73-126*	0
Surr: Dibromofluoromethane	*44.93*	0	*50*	0	*89.9*	*71-128*	0
Surr: Toluene-d8	*46.94*	0	*50*	0	*93.9*	*73-127*	0

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500** Instrument ID **VOA4** Method: **SW8260**

MSD Sample ID: **0609030-09AMSD** Units: **µg/Kg** Analysis Date: **09/08/06 23:23**

Client ID: Run ID: **VOA4_060908A** SeqNo: **945636** 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	46.16	5.0	50	0	92.3	75.6-123	48.58	5.11	30	
1,1,2,2-Tetrachloroethane	44.68	5.0	50	0	89.4	75.1-120	60.21	29.6	30	
1,1,2-Trichloroethane	43.51	5.0	50	0	87	72.8-120	49.88	13.7	30	
1,1-Dichloroethane	47.18	5.0	50	0	94.4	75.3-121	48.52	2.82	30	
1,1-Dichloroethene	48.17	5.0	50	0	96.3	78-120	50.92	5.55	30	
1,2,4-Trimethylbenzene	31.91	5.0	50	0	63.8	78.9-120	39.24	20.6	30	S
1,2-Dichloroethane	39.89	5.0	50	0	79.8	70.6-128	43.27	8.13	30	
1,2-Dichloropropane	45.91	5.0	50	0	91.8	79.4-120	48.39	5.27	30	
1,3,5-Trimethylbenzene	31.59	5.0	50	0	63.2	78.9-122	39.15	21.4	30	S
2-Butanone	110.7	10	100	3.429	107	54.8-130	120.3	8.31	30	
2-Hexanone	81.36	10	100	0	81.4	58.1-127	107.4	27.6	30	
4-Methyl-2-pentanone	103.4	10	100	0	103	67.6-120	123.5	17.7	30	
Acetone	125.5	20	100	14.29	111	53.4-132	113.1	10.4	30	
Benzene	42.26	5.0	50	0	84.5	80-121	46.15	8.81	30	
Bromodichloromethane	40.63	5.0	50	0	81.3	73.5-120	45.46	11.2	30	
Bromoform	35.12	5.0	50	0	70.2	76.9-120	46.41	27.7	30	S
Bromomethane	62.21	10	50	0	124	58.9-132	68.5	9.63	30	
Carbon disulfide	96.49	10	100	0	96.5	75.6-121	102.5	6.05	30	
Carbon tetrachloride	42.57	5.0	50	0	85.1	71.8-130	45.86	7.42	30	
Chlorobenzene	36.14	5.0	50	0	72.3	80-120	42.32	15.8	30	S
Chloroethane	48.46	10	50	0	96.9	62.5-135	50.33	3.79	30	
Chloroform	43.31	5.0	50	0	86.6	74.5-120	46.82	7.78	30	
Chloromethane	49.43	10	50	0	98.9	62.8-129	53.21	7.36	30	
cis-1,2-Dichloroethene	45.28	5.0	50	0	90.6	76.4-121	48.68	7.25	30	
cis-1,3-Dichloropropene	40.15	5.0	50	0	80.3	72.7-120	45.94	13.5	30	
Dibromochloromethane	36.65	5.0	50	0	73.3	71.5-120	40.95	11.1	30	
Ethylbenzene	37.68	5.0	50	1.075	73.2	79.9-122	43.14	13.5	30	S
m,p-Xylene	72.04	10	100	0	72	79.6-125	83.67	14.9	30	S
Methyl tert-butyl ether	45.67	5.0	50	0	91.3	73.7-120	49.38	7.81	30	
Methylene chloride	50.8	10	50	0	102	61.4-120	52.21	2.72	30	
n-Butylbenzene	27.08	5.0	50	3.064	48	78-124	35.27	26.3	30	S
Naphthalene	30.66	5.0	50	1.445	58.4	73.6-129	40.08	26.6	30	S
o-Xylene	36.68	5.0	50	0	73.4	79.4-122	43.46	16.9	30	S
sec-Butylbenzene	32.42	5.0	50	1.64	61.6	78.5-120	39.57	19.9	30	S
Styrene	34.24	5.0	50	0	68.5	79.6-123	42.18	20.8	30	S
Tetrachloroethene	37.7	5.0	50	0	75.4	79.5-125	41.92	10.6	30	S
Toluene	40.51	5.0	50	0	81	79.1-123	45.35	11.3	30	
trans-1,2-Dichloroethene	46.59	5.0	50	0	93.2	76.3-124	49.51	6.08	30	
trans-1,3-Dichloropropene	38.63	5.0	50	0	77.3	65-127	45.55	16.4	30	
Trichloroethene	42.46	5.0	50	0	84.9	77.1-121	46.2	8.45	30	

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41500** Instrument ID **VOA4** Method: **SW8260**

Vinyl chloride	49.04	2.0	50	0	98.1	66.1-129	53.96	9.54	30	
Xylenes, Total	108.7	15	150	0	72.5	79.4-125	127.1	15.6	30	S
Surr: 1,2-Dichloroethane-d4	*41.81*	0	*50*	0	*83.6*	*70-128*	42.62	*1.91*	*30*	
Surr: 4-Bromofluorobenzene	*43.51*	0	*50*	0	*87*	*73-126*	43.9	*0.887*	*30*	
Surr: Dibromofluoromethane	*44.58*	0	*50*	0	*89.2*	*71-128*	44.93	*0.787*	*30*	
Surr: Toluene-d8	*46.86*	0	*50*	0	*93.7*	*73-127*	46.94	*0.182*	*30*	

The following samples were analyzed in this batch: 0609072-24A 0609072-25A 0609072-26A

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41461** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0609070-14A-DUP** Units: **wt%** Analysis Date: **09/07/06 0:00**

Client ID: Run ID: **BALANCE1_060907C** SeqNo: **944771** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	4.052	0.010	0	0	0	0-0	4.083	0.764	20	

DUP Sample ID: **0609072-22A-DUP** Units: **wt%** Analysis Date: **09/07/06 0:00**

Client ID: **B-11 (0-2)** Run ID: **BALANCE1_060907C** SeqNo: **944784** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	9.947	0.010	0	0	0	0-0	9.53	4.28	20	

The following samples were analyzed in this batch:

0609072-01A	0609072-03A	0609072-05A
0609072-07A	0609072-09A	0609072-11A
0609072-12A	0609072-14A	0609072-16A
0609072-18A	0609072-20A	0609072-22A

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: 0609072

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41462** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0609072-24CDUP** Units: **wt%** Analysis Date: **09/07/06 0:00**

Client ID: **MW-1 (17-18)** Run ID: **BALANCE1_060907D** SeqNo: **944785** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	8.934	0.010	0	0	0	0-0	7.438	18.3	20	

The following samples were analyzed in this batch: 0609072-24C 0609072-25B 0609072-26B

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

Chain of Custody Form

e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Page 2 of 3

e-Lab Project Manager:

e-Lab Work Order #: 1060102

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92067647	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
City/State/Zip	Houston, TX 77043	City/State/Zip	Houston, TX 77043	F	
Phone	(713) 690-8989	Phone	(713) 690-8989	G	
Fax	(713) 690-8787	Fax	(713) 690-8787	H	
e-Mail Address		e-Mail Address		I	
				J	

No	Sample Description	Date	Time	Matrix	Pres	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Dup - 1	9/6/06	—	Soil	TCE	1				X							
2	B-6 (0-2)		1010							X							
3	B-6 (6-8)		1016														
4	B-7 (0-2)		1021							X							
5	~~B-7~~ B-7 (6-8)		1025														
6	B-8 (0-2)		1032							X							
7	B-8 (6-8)		1038														
8	B-9 (0-2)		1044							X							
9	B-9 (6-8)		1048														
10	~~B-10 (0-2)~~ B-10 (3-4)		1110							X							

Sampler(s) Please Print & Sign: Josh McFallan

Shipment Method:

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

Results Due Date:

Notes: 5 Day TAT

Relinquished by:	Date:	Time:	Received by:
	9/6/06	17:20	NICK GAMBA
Relinquished by:	Date:	Time:	Received by (Laboratory):

e-Lab Analytical Cooler ID:

Cooler Temp.:

QC Package: (Check One Box Below)

- ☐ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☑ TRRP CheckList
- ☐ TRRP Level IV

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

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 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.

QUALITY • INTEGRITY • SERVICE

☐ e-Lab Analytical, Inc.
10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

Chain of Custody Form

Page 1 of 3

☐ e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 0609072

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92067647	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	Address	11555 Clay Road	E	Moisture
	Suite 100		Suite 100	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	B-1 (0-2)	9/6/2006	902	Soil	ICE	1				X							
2	B-1 (6-8)		910														
3	B-2 (0-2)		915							X							
4	B-2 (6-8)		921														
5	B-3 (0-2)		926							X							
6	B-3 (6-8)		932														
7	B-4 (0-2)		940							X							
8	B-4 (6-8)		945														
9	B-5 (0-2)		954							X							
10	B-5 (6-8)	↓	958	↓	↓	↓											

Sampler(s) Please Print & Sign: Josh McFarlan

Shipment Method

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

Results Due Date:

Relinquished by:	Date: 9/6/06	Time: 17:20	Received by: NICK GAMBOA
Relinquished by:	Date:	Time:	Received by (Laboratory):
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
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☑ TRRP CheckList
☐ TRRP Level IV

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.
10450 Stancliff Rd. #210
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Chain of Custody Form

e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 060907L

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92067647	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	B-10 (6-8)	9/6/06	1116	SOIL	ICE					X							HOLD
2	B-11 (0-2)	↓	1125	↓	↓					X							
3	B-11 (6-8)		1134														
4	MW-1 (17-18)		1420				X	X	X								
5	MW-2 (16-17)		1510				X	X	X								
6	MW-3 (17-18)		1600				X	X	X								
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Josh McFall

Shipment Method:

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

Results Due Date:

Relinquished by: — Date: 9/6/06 Time: 17:20 Received by: NICK GAMBOA

Relinquished by: — Date: Time: Received by (Laboratory):

Notes: 5 Day TAT

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

e-Lab Analytical Cooler ID:

Cooler Temp °C:

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-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 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: 9/6/2006 5:20:00 PM

Work Order Number 0609072

Received by: RNG

Checklist completed by [signature] 9-7-06
Signature Date

Reviewed by [signature] 9/8/06
Initials Date

Matrix: S

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):	2.2c	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 _____

Soil

e-Lab Analytical, Inc.

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

September 18, 2006

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

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

Re: North of Valsco

Work Order : **0609130**

Dear Prasad Rajulu,

e-Lab Analytical, Inc. received 22 samples on 9/11/2006 3:50:00 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 30.

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

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *September 18, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**TRRP Laboratory Data Package Cover Page**
Project:	North of Valsco	
Work Order:	0609130	

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: 09/18/2006
Project Name: North of Valsco	Laboratory Job Number: 0609130
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19738, 19747 and R41570

#[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			2
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: 09/18/2006
Project Name: North of Valsco	Laboratory Job Number: 0609130
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19738, 19747 and R41570

#[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			3
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: 09/18/2006
Project Name: North of Valsco	Laboratory Job Number: 0609130
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19738, 19747 and R41570

ER #[1]	DESCRIPTION
1	Batch 19747 Metals (sample B-12 (2-4)) MS/MSD recoveries were above the control limits for Barium (311% and 219% E-flagged), Chromium (163% MS only), and Lead (135% and 328% E/O-flagged).
2	Batch 19747 Metals (sample B-12 (2-4)) MS/MSD RPD recoveries were above the control limits for Chromium (32.9%).
3	Batch 19747 Metals (sample B-12 (2-4)) PDS/Serial Dilution recoveries were above the control limits for Lead (181% PDS), Selenium (127% PDS), Silver (72.6% PDS), Chromium (24.2% SD), and Lead (26.1% SD.

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Project: North of Valsco
Work Order: **0609130**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0609130-01	MW-2 (35-36)	Soil		9/11/2006 09:42	9/11/2006 15:50	☑
0609130-02	B-12 (2-4)	Soil		9/11/2006 10:21	9/11/2006 15:50	☐
0609130-03	B-12 (6-8)	Soil		9/11/2006 10:29	9/11/2006 15:50	☑
0609130-04	B-13 (2-4)	Soil		9/11/2006 10:45	9/11/2006 15:50	☐
0609130-05	B-13 (14-15)	Soil		9/11/2006 10:48	9/11/2006 15:50	☑
0609130-06	B-14 (2-4)	Soil		9/11/2006 11:15	9/11/2006 15:50	☐
0609130-07	DUP-2	Soil		9/11/2006 14:55	9/11/2006 15:50	☐
0609130-08	B-14 (13-14)	Soil		9/11/2006 11:22	9/11/2006 15:50	☑
0609130-09	B-15 (2-4)	Soil		9/11/2006 11:46	9/11/2006 15:50	☐
0609130-10	B-15 (14-15)	Soil		9/11/2006 11:55	9/11/2006 15:50	☑
0609130-11	B-16 (2-4)	Soil		9/11/2006 12:02	9/11/2006 15:50	☐
0609130-12	B-16 (15-16)	Soil		9/11/2006 12:10	9/11/2006 15:50	☑
0609130-13	B-17 (2-4)	Soil		9/11/2006 12:15	9/11/2006 15:50	☐
0609130-14	B-17 (15-16)	Soil		9/11/2006 12:26	9/11/2006 15:50	☑
0609130-15	B-18 (2-4)	Soil		9/11/2006 12:31	9/11/2006 15:50	☐
0609130-16	B-18 (15-16)	Soil		9/11/2006 12:42	9/11/2006 15:50	☑
0609130-17	B-19 (2-4)	Soil		9/11/2006 12:44	9/11/2006 15:50	☐
0609130-18	B-19 (15-16)	Soil		9/11/2006 12:50	9/11/2006 15:50	☑
0609130-19	B-20 (2-4)	Soil		9/11/2006 13:45	9/11/2006 15:50	☐
0609130-20	B-20 (15-16)	Soil		9/11/2006 13:59	9/11/2006 15:50	☑
0609130-21	B-21 (2-4)	Soil		9/11/2006 14:10	9/11/2006 15:50	☐
0609130-22	B-21 (15-16)	Soil		9/11/2006 14:25	9/11/2006 15:50	☑

e-Lab Analytical, Inc.

Date: *September 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-02

Client Sample ID: B-12 (2-4)
Collection Date: 9/11/2006 10:21:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**		Prep: SW7471A / 9/12/06			Analyst: **JCJ**
Mercury	17.2		1.5	14.6	µg/Kg-dry	1	9/13/2006
ICP METALS		Method: **SW6020**		Prep: SW3050A / 9/12/06			Analyst: **SA**
Arsenic	3.58		0.14	0.526	mg/Kg-dry	1	9/12/2006
Barium	105		0.074	0.526	mg/Kg-dry	1	9/12/2006
Cadmium	0.262	J	0.032	0.526	mg/Kg-dry	1	9/12/2006
Chromium	6.86		0.074	0.526	mg/Kg-dry	1	9/12/2006
Lead	183		0.095	0.526	mg/Kg-dry	1	9/13/2006
Selenium	0.519	J	0.20	0.526	mg/Kg-dry	1	9/12/2006
Silver	0.100	J	0.021	0.526	mg/Kg-dry	1	9/12/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	9.42		0.010	0.0100	wt%	1	9/13/2006

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-04

Client Sample ID: B-13 (2-4)
Collection Date: 9/11/2006 10:45:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	623		3.0	28.3	µg/Kg-dry	2	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	3.77		0.14	0.540	mg/Kg-dry	1	9/14/2006
Barium	244		3.8	27.0	mg/Kg-dry	50	9/14/2006
Cadmium	1.42		0.032	0.540	mg/Kg-dry	1	9/14/2006
Chromium	12.9		0.076	0.540	mg/Kg-dry	1	9/14/2006
Lead	457		4.9	27.0	mg/Kg-dry	50	9/14/2006
Selenium	0.619		0.21	0.540	mg/Kg-dry	1	9/14/2006
Silver	0.942		0.022	0.540	mg/Kg-dry	1	9/14/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	8.34		0.010	0.0100	wt%	1	9/13/2006

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-06

Client Sample ID: B-14 (2-4)
Collection Date: 9/11/2006 11:15:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	**76.0**		**1.5**	**14.2**	**µg/Kg-dry**	1	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	**2.47**		**0.14**	**0.527**	**mg/Kg-dry**	1	9/14/2006
Barium	**109**		**0.074**	**0.527**	**mg/Kg-dry**	1	9/14/2006
Cadmium	**0.233**	J	**0.032**	**0.527**	**mg/Kg-dry**	1	9/14/2006
Chromium	**10.1**		**0.074**	**0.527**	**mg/Kg-dry**	1	9/14/2006
Lead	**73.1**		**0.095**	**0.527**	**mg/Kg-dry**	1	9/14/2006
Selenium	**0.620**		**0.20**	**0.527**	**mg/Kg-dry**	1	9/14/2006
Silver	U		0.021	0.527	mg/Kg-dry	1	9/14/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**6.97**		**0.010**	**0.0100**	**wt%**	1	9/13/2006

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-07

Client Sample ID: DUP-2
Collection Date: 9/11/2006 2:55:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	**71.6**		**1.5**	**14.5**	**µg/Kg-dry**	1	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	**3.86**		**0.14**	**0.531**	**mg/Kg-dry**	1	9/14/2006
Barium	**115**		**0.074**	**0.531**	**mg/Kg-dry**	1	9/14/2006
Cadmium	**0.324**	J	**0.032**	**0.531**	**mg/Kg-dry**	1	9/14/2006
Chromium	**11.4**		**0.074**	**0.531**	**mg/Kg-dry**	1	9/14/2006
Lead	**81.7**		**0.096**	**0.531**	**mg/Kg-dry**	1	9/14/2006
Selenium	**0.529**	J	**0.20**	**0.531**	**mg/Kg-dry**	1	9/14/2006
Silver	U		0.021	0.531	mg/Kg-dry	1	9/14/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**8.55**		**0.010**	**0.0100**	**wt%**	1	9/13/2006

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-09

Client Sample ID: B-15 (2-4)
Collection Date: 9/11/2006 11:46:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	1,180		7.4	70.2	µg/Kg-dry	5	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	28.8		0.70	2.71	mg/Kg-dry	5	9/13/2006
Barium	1,030		7.6	54.1	mg/Kg-dry	100	9/13/2006
Cadmium	17.1		0.16	2.71	mg/Kg-dry	5	9/13/2006
Chromium	103		0.38	2.71	mg/Kg-dry	5	9/13/2006
Lead	3,700		9.7	54.1	mg/Kg-dry	100	9/13/2006
Selenium	1.28	J	1.0	2.71	mg/Kg-dry	5	9/13/2006
Silver	12.9		0.11	2.71	mg/Kg-dry	5	9/13/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	7.62		0.010	0.0100	wt%	1	9/13/2006

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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

e-Lab Analytical, Inc.

Date: *September 18, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	B-16 (2-4)
Work Order:	0609130	**Collection Date:**	9/11/2006 12:02:00 PM
Project:	North of Valsco		
Lab ID:	0609130-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: **SW7471A**		Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	**570**		**3.0**	**28.3**	**µg/Kg-dry**	2	9/13/2006
ICP METALS			Method: **SW6020**		Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	**4.13**		**0.14**	**0.530**	**mg/Kg-dry**	1	9/13/2006
Barium	**216**		**1.5**	**10.6**	**mg/Kg-dry**	20	9/13/2006
Cadmium	**0.690**		**0.032**	**0.530**	**mg/Kg-dry**	1	9/13/2006
Chromium	**11.2**		**0.074**	**0.530**	**mg/Kg-dry**	1	9/13/2006
Lead	**208**		**1.9**	**10.6**	**mg/Kg-dry**	20	9/13/2006
Selenium	**0.637**		**0.20**	**0.530**	**mg/Kg-dry**	1	9/13/2006
Silver	**0.404**	J	**0.021**	**0.530**	**mg/Kg-dry**	1	9/13/2006
PERCENT MOISTURE			Method: **E160.3**				Analyst: **RPM**
Percent Moisture	**9.25**		**0.010**	**0.0100**	**wt%**	1	9/13/2006

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-13

Client Sample ID: B-17 (2-4)
Collection Date: 9/11/2006 12:15:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	244		1.7	16.0	µg/Kg-dry	1	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	4.49		0.15	0.596	mg/Kg-dry	1	9/13/2006
Barium	143		0.083	0.596	mg/Kg-dry	1	9/13/2006
Cadmium	2.05		0.036	0.596	mg/Kg-dry	1	9/13/2006
Chromium	13.4		0.083	0.596	mg/Kg-dry	1	9/13/2006
Lead	151		0.11	0.596	mg/Kg-dry	1	9/13/2006
Selenium	0.692		0.23	0.596	mg/Kg-dry	1	9/13/2006
Silver	0.443	J	0.024	0.596	mg/Kg-dry	1	9/13/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	17.7		0.010	0.0100	wt%	1	9/13/2006

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 18, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	B-18 (2-4)
Work Order:	0609130	**Collection Date:**	9/11/2006 12:31:00 PM
Project:	North of Valsco		
Lab ID:	0609130-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: **SW7471A**		Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	**98.6**		**1.7**	**16.3**	**µg/Kg-dry**	1	9/13/2006
ICP METALS			Method: **SW6020**		Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	**1.36**		**0.16**	**0.599**	**mg/Kg-dry**	1	9/13/2006
Barium	**68.8**		**0.084**	**0.599**	**mg/Kg-dry**	1	9/13/2006
Cadmium	**0.0456**	J	**0.036**	**0.599**	**mg/Kg-dry**	1	9/13/2006
Chromium	**4.53**		**0.084**	**0.599**	**mg/Kg-dry**	1	9/13/2006
Lead	**16.4**		**0.11**	**0.599**	**mg/Kg-dry**	1	9/13/2006
Selenium	**0.372**	J	**0.23**	**0.599**	**mg/Kg-dry**	1	9/13/2006
Silver	U		0.024	0.599	mg/Kg-dry	1	9/13/2006
PERCENT MOISTURE			Method: **E160.3**				Analyst: **RPM**
Percent Moisture	**18.2**		**0.010**	**0.0100**	**wt%**	1	9/13/2006

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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

e-Lab Analytical, Inc.

Date: *September 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-17

Client Sample ID: B-19 (2-4)
Collection Date: 9/11/2006 12:44:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	**490**		**1.6**	**15.4**	**µg/Kg-dry**	1	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	**3.55**		**0.15**	**0.565**	**mg/Kg-dry**	1	9/13/2006
Barium	**202**		**0.079**	**0.565**	**mg/Kg-dry**	1	9/13/2006
Cadmium	**0.393**	J	**0.034**	**0.565**	**mg/Kg-dry**	1	9/13/2006
Chromium	**11.2**		**0.079**	**0.565**	**mg/Kg-dry**	1	9/13/2006
Lead	**146**		**0.10**	**0.565**	**mg/Kg-dry**	1	9/13/2006
Selenium	**0.758**		**0.21**	**0.565**	**mg/Kg-dry**	1	9/13/2006
Silver	**0.382**	J	**0.023**	**0.565**	**mg/Kg-dry**	1	9/13/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	**14.1**		**0.010**	**0.0100**	**wt%**	1	9/13/2006

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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

e-Lab Analytical, Inc.

Date: *September 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-19

Client Sample ID: B-20 (2-4)
Collection Date: 9/11/2006 1:45:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	174		1.5	13.8	µg/Kg-dry	1	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	1.78		0.13	0.509	mg/Kg-dry	1	9/13/2006
Barium	90.9		0.071	0.509	mg/Kg-dry	1	9/13/2006
Cadmium	0.214	J	0.031	0.509	mg/Kg-dry	1	9/13/2006
Chromium	7.10		0.071	0.509	mg/Kg-dry	1	9/13/2006
Lead	76.1		0.092	0.509	mg/Kg-dry	1	9/13/2006
Selenium	0.453	J	0.19	0.509	mg/Kg-dry	1	9/13/2006
Silver	0.0594	J	0.020	0.509	mg/Kg-dry	1	9/13/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	7.37		0.010	0.0100	wt%	1	9/13/2006

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 18, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco
Lab ID: 0609130-21

Client Sample ID: B-21 (2-4)
Collection Date: 9/11/2006 2:10:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/12/06		Analyst: **JCJ**
Mercury	198		1.6	15.0	µg/Kg-dry	1	9/13/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/12/06		Analyst: **SA**
Arsenic	24.7		0.15	0.561	mg/Kg-dry	1	9/13/2006
Barium	1,440		7.9	56.1	mg/Kg-dry	100	9/13/2006
Cadmium	6.47		0.034	0.561	mg/Kg-dry	1	9/13/2006
Chromium	55.2		0.079	0.561	mg/Kg-dry	1	9/13/2006
Lead	3,810		10	56.1	mg/Kg-dry	100	9/13/2006
Selenium	0.538	J	0.21	0.561	mg/Kg-dry	1	9/13/2006
Silver	12.2		0.022	0.561	mg/Kg-dry	1	9/13/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **RPM**
Percent Moisture	15.2		0.010	0.0100	wt%	1	9/13/2006

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: Sep 18, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc.

Date: Sep 18, 2006

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Lead	7439-92-1	0.09	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5

e-Lab Analytical, Inc.

Date: Sep 18, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

e-Lab Analytical, Inc.

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609130
Project: North of Valsco

Date: *Sep 18 2006*

QC BATCH REPORT

Batch ID: **19738** Instrument ID **Mercury** Method: **SW7471A**

MBLK Sample ID: **GBLKS2-091206** Units: **µg/Kg** Analysis Date: **09/13/06 17:07**
Client ID: Run ID: **MERCURY_060913B** SeqNo: **947525** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13	0	0	0	0-0	0			

LCS Sample ID: **GLCSS2-091206** Units: **µg/Kg** Analysis Date: **09/13/06 17:09**
Client ID: Run ID: **MERCURY_060913B** SeqNo: **947526** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	344	13	333.3	0	103	85-115	0			

LCSD Sample ID: **GLCSDS2-091206** Units: **µg/Kg** Analysis Date: **09/13/06 17:10**
Client ID: Run ID: **MERCURY_060913B** SeqNo: **947527** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	338.7	13	333.3	0	102	85-115	344	1.56	20	

MS Sample ID: **0609130-09AMS** Units: **µg/Kg** Analysis Date: **09/13/06 18:04**
Client ID: **B-15 (2-4)** Run ID: **MERCURY_060913B** SeqNo: **947542** Prep Date: **9/12/2006** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1435	64	323.1	1093	106	85-115	0			

MSD Sample ID: **0609130-09AMSD** Units: **µg/Kg** Analysis Date: **09/13/06 18:06**
Client ID: **B-15 (2-4)** Run ID: **MERCURY_060913B** SeqNo: **947543** Prep Date: **9/12/2006** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1406	65	326.3	1093	96.1	85-115	1435	2	20	

DUP Sample ID: **0609130-09ADUP** Units: **µg/Kg** Analysis Date: **09/13/06 18:03**
Client ID: **B-15 (2-4)** Run ID: **MERCURY_060913B** SeqNo: **947541** Prep Date: **9/12/2006** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1102	65	0	0	0		1093	0.859	20	

The following samples were analyzed in this batch:

0609130-02A	0609130-04A	0609130-06A
0609130-07A	0609130-09A	0609130-11A
0609130-13A	0609130-15A	0609130-17A
0609130-19A	0609130-21A	

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: 0609130

Project: North of Valsco

QC BATCH REPORT

Batch ID: **19747** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID: **MBLKS3-091206** Units: **mg/Kg** Analysis Date: **09/14/06 16:46**

Client ID: Run ID: **ICP7500_060914A** SeqNo: **949194** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.50								
Barium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Lead	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								

LCS Sample ID: **MLCSS3-091206** Units: **mg/Kg** Analysis Date: **09/12/06 21:04**

Client ID: Run ID: **ICP7500_060912A** SeqNo: **947000** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.127	0.50	10	0	91.3	80-120	0			
Barium	9.884	0.50	10	0	98.8	80-120	0			
Cadmium	9.438	0.50	10	0	94.4	80-120	0			
Chromium	10.25	0.50	10	0	102	80-120	0			
Lead	10.2	0.50	10	0	102	80-120	0			
Selenium	9.779	0.50	10	0	97.8	80-120	0			
Silver	9.4	0.50	10	0	94	80-120	0			

MS Sample ID: **0609130-02AMS** Units: **mg/Kg** Analysis Date: **09/12/06 22:23**

Client ID: **B-12 (2-4)** Run ID: **ICP7500_060912A** SeqNo: **947011** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.54	0.48	9.524	3.239	87.2	75-125	0			
Barium	125	0.48	9.524	95.43	311	75-125	0			SO
Cadmium	8.164	0.48	9.524	0.2373	83.2	75-125	0			
Chromium	21.71	0.48	9.524	6.217	163	75-125	0			S
Selenium	7.779	0.48	9.524	0.4702	76.7	75-125	0			
Silver	7.581	0.48	9.524	0.09092	78.6	75-125	0			

MS Sample ID: **0609130-02AMS** Units: **mg/Kg** Analysis Date: **09/14/06 16:57**

Client ID: **B-12 (2-4)** Run ID: **ICP7500_060914A** SeqNo: **949196** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	207	0.48	9.524	165.6	435	75-125	0			SEO

ND - Not Detected at the Reporting Limit

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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: 0609130
Project: North of Valsco

QC BATCH REPORT

Batch ID: **19747** Instrument ID **ICP7500** Method: **SW6020**

MSD Sample ID: **0609130-02AMSD** Units: **mg/Kg** Analysis Date: **09/12/06 22:29**
Client ID: **B-12 (2-4)** Run ID: **ICP7500_060912A** SeqNo: **947012** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.31	0.48	9.524	3.239	84.8	75-125	11.54	2	25	
Barium	116.3	0.48	9.524	95.43	219	75-125	125	7.26	25	SO
Cadmium	7.983	0.48	9.524	0.2373	81.3	75-125	8.164	2.24	25	
Chromium	15.58	0.48	9.524	6.217	98.3	75-125	21.71	32.9	25	R
Selenium	7.967	0.48	9.524	0.4702	78.7	75-125	7.779	2.38	25	
Silver	7.579	0.48	9.524	0.09092	78.6	75-125	7.581	0.0251	25	

MSD Sample ID: **0609130-02AMSD** Units: **mg/Kg** Analysis Date: **09/14/06 17:03**
Client ID: **B-12 (2-4)** Run ID: **ICP7500_060914A** SeqNo: **949197** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	196.9	0.48	9.524	165.6	328	75-125	207	5.05	25	SEO

DUP Sample ID: **0609130-02ADUP** Units: **mg/Kg** Analysis Date: **09/12/06 22:17**
Client ID: **B-12 (2-4)** Run ID: **ICP7500_060912A** SeqNo: **947010** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	3.47	0.48	0	0	0	0-0	3.239	6.87	25	
Barium	106.1	0.48	0	0	0	0-0	95.43	10.6	25	
Cadmium	0.2751	0.48	0	0	0	0-0	0.2373	0	25	J
Chromium	6.795	0.48	0	0	0	0-0	6.217	8.89	25	
Selenium	0.5279	0.48	0	0	0	0-0	0.4702	11.6	25	
Silver	0.1703	0.48	0	0	0	0-0	0.09092	0	25	J

DUP Sample ID: **0609130-02ADUP** Units: **mg/Kg** Analysis Date: **09/13/06 14:51**
Client ID: **B-12 (2-4)** Run ID: **ICP7500_060913A** SeqNo: **947269** Prep Date: **9/12/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	171.4	0.48	0	0	0	0-0	165.6	3.45	25	

PDS Sample ID: **0609130-02ABS** Units: **mg/Kg** Analysis Date: **09/13/06 15:26**
Client ID: **B-12 (2-4)** Run ID: **ICP7500_060913A** SeqNo: **947789** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	14.63	0.48	9.524	3.418	118	75-125	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 & Scientists
Work Order: 0609130
Project: North of Valsco

QC BATCH REPORT

Batch ID: **19747** Instrument ID **ICP7500** Method: **SW6020**

PDS Sample ID: **0609130-02ABS** Units: **mg/Kg** Analysis Date: **09/14/06 17:09**

Client ID: **B-12 (2-4)** Run ID: **ICP7500_060914A** SeqNo: **949198** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	110.5	0.48	9.524	103.1	77	75-125	0			O
Cadmium	12.13	0.48	9.524	0.2446	125	75-125	0			
Chromium	18.37	0.48	9.524	7.004	119	75-125	0			
Lead	182.9	0.48	9.524	165.6	181	75-125	0			SO
Selenium	12.46	0.48	9.524	0.4043	127	75-125	0			S
Silver	7.016	0.48	9.524	0.1062	72.6	75-125	0			S

SD Sample ID: **0609130-02A DIL** Units: **mg/Kg** Analysis Date: **09/14/06 18:32**

Client ID: **B-12 (2-4)** Run ID: **ICP7500_060914A** SeqNo: **949204** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	3.231	2.4	0	0	0	0-0	3.418	5.48	10	
Barium	94.71	2.4	0	0	0	0-0	103.1	8.17	10	
Cadmium	0.342	2.4	0	0	0	0-0	0.2446	0	10	J
Chromium	5.31	2.4	0	0	0	0-0	7.004	24.2	10	R
Lead	122.4	2.4	0	0	0	0-0	165.6	26.1	10	R
Selenium	U	2.4	0	0	0	0-0	0.4043	0	10	
Silver	U	2.4	0	0	0	0-0	0.1062	0	10	

The following samples were analyzed in this batch:

0609130-02A	0609130-04A	0609130-06A
0609130-07A	0609130-09A	0609130-11A
0609130-13A	0609130-15A	0609130-17A
0609130-19A	0609130-21A	

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: 0609130
Project: North of Valsco

QC BATCH REPORT

Batch ID: **R41570** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0609036-23B-DUP** Units: **wt%** Analysis Date: **09/13/06 0:00**

Client ID: Run ID: **BALANCE1_060913A** SeqNo: **947071** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18.26	0.010	0	0	0	0-0	18.29	0.183	20	

DUP Sample ID: **0609130-02A-DUP** Units: **wt%** Analysis Date: **09/13/06 0:00**

Client ID: **B-12 (2-4)** Run ID: **BALANCE1_060913A** SeqNo: **947073** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	9.466	0.010	0	0	0	0-0	9.418	0.512	20	

The following samples were analyzed in this batch:

0609130-02A	0609130-04A	0609130-06A
0609130-07A	0609130-09A	0609130-11A
0609130-13A	0609130-15A	0609130-17A
0609130-19A	0609130-21A	

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
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10450 Stancliff Rd. #210
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(Fax) 281.530.5887

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

Chain of Custody Form

e-Lab Project Manager: [illegible] e-Lab Work Order #: 0609130

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92067647	B	TPH (TX1005)
Company Name	HBC Teracon	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
City/State/Zip	Houston TX 77043	City/State/Zip	Houston, TX 77043	F	
Phone	(713) 690-8989	Phone	(713) 690-8989	G	
Fax	(713) 690-8787	Fax	(713) 690-8787	H	
e-Mail Address		e-Mail Address		I	
				J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-2 (35-36)	9/11/06	942	Soil	ICE	1											
2	B-12 (2-4)		1021							X							
3	B-12 (6-8)		1029														
4	B-13 (2-4)		1045							X							
5	B-13 ~~(10-12)~~ (14-15)		1048														
6	B-14 (2-4)		1115							X							
7	Dup-2		1465							X							
8	B-14 (13-14)		1122														
9	B-15 (2-4)		1146							X							
10	B-15 (14-15)		1155														

Sampler(s) Please Print & Sign: Josh McFadin

Shipment Method:

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

Results Due Date:

Notes: 5 Day TAT

Relinquished by:	Date: 9/11/06	Time: 15:50	Received by:	e-Lab Analytical Cooler ID:	Cooler Temp:
Relinquished by:	Date:	Time:	Received by (Laboratory):		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		

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.

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Chain of Custody Form

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

e-Lab Project Manager: | e-Lab Work Order #: 0609130

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92067647	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	B-16 (2-4)	9/11/06	1202	Soil	ICE	1				X							
2	B-16 (15-16)		1210														
3	B-17 (2-4)		1215							X							
4	B-17 (15-16)		1226														
5	B-18 (2-4)		1231							X							
6	B-18 (15-16)		1242														
7	B-19 (2-4)		1244							X							
8	~~B-2~~ B-19 (15-16)		1250														
9	B-20 (2-4)		~~1355~~	1345						X							
10	B-20 (15-16)		1359														

Sampler(s) Please Print & Sign: Josh McFarlain

Shipment Method:

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

Results Due Date:

Notes: 5 Day TAT

	Date:	Time:		
Relinquished by:	9/11/06	15:50	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-Lab Analytical Cooler ID	Cooler Temp.

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

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.

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(Fax) 616.399.6185

Chain of Custody Form

e-Lab Project Manager:

e-Lab Work Order #: 0609130

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	~~Harris County Flood Control~~ N VELASCO	A	VOC (8260)
Work Order		Project Number	92067647	B	TPH (TX-1005)
Company Name	HBC Terracon	Bill To Company	~~HBC Terracon~~ PRASAD RAJULU	C	Herbicides (8151)
Send Report To	~~Scott Keough~~ Prasad Rajulu	Invoice Attn	Scott Keough	D	Pesticides (8081)
Address	11555 Clay Road Suite 100	Address	11555 Clay Road Suite 100	E	SVOC (8270)
				F	Formaldehyde
City/State/Zip	Houston, TX 77043	City/State/Zip	Houston, TX 77043	G	RCRA METALS (6020)
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	B-21 (2-4)	9/11/06	1410	SOIL	ICE	1							X				
2	B-21 (15-16)	↓	1425	↓	↓	↓							~~X~~ jm				HOLD
3	~~B-22 (2-4)~~ NO SAMPLE												jm				
4	~~B-22 ( )~~												jm				
5	~~B-23 (2-4)~~												jm				
6	~~B-23 ( )~~																
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Josh McFarlain

Shipment Method:

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

Results Due Date:

Relinquished by: [signature]	Date: 9/11/06	Time: 15:50	Received by: [signature]
Relinquished by:	Date:	Time:	Received by (Laboratory):
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes:

e-Lab Analytical Cooler ID	Cooler Temp

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

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.
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e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name HBC TERRACON | Date/Time Received: 9/11/2006 3:50:00 PM

Work Order Number 0609130 | Received by: EBF

Checklist completed by _____ Signature 9/11/06 Date | Reviewed by _____ Initials 9/13/06 Date

Matrix: S | 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):	4.2 C	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: No TBs with samples. 2-4oz containere received for sample "MW-2 (35-36)"-COC only lists one container.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

0609130

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

QUALITY • INTEGRITY • SERVICE

Date:
Name:
Comp:

CUSTODY SEAL

9/11/06 Time:
Joshua McFarlain
my: Terracon

Seal Broken By:
Date: 9/11/06

e-Lab Analytical, Inc.

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

September 22, 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/City of Houston-Velasco Work Order : **0609209**

Dear Prasad Rajulu,

e-Lab Analytical, Inc. received 11 samples on 9/14/2006 5:05:00 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 59.

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 22, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**TRRP Laboratory Data Package Cover Page**
Project:	92067647/City of Houston-Velasco	
Work Order:	0609209	

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: 09/18/2006
Project Name: North of Valsco	Laboratory Job Number: 0609130
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19738, 19747 and R41570

#[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			1
		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: 09/18/2006					
Project Name: North of Valsco			Laboratory Job Number: 0609130					
Reviewer Name: Jeff Croston			Prep Batch Number(s): 19738, 19747 and R41570					
#[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			4	
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: 09/18/2006
Project Name: North of Valsco		Laboratory Job Number: 0609130
Reviewer Name: Jeff Croston		Prep Batch Number(s): 19738, 19747 and R41570
ER #[1]	**DESCRIPTION**	
1	Batch R41909 Volatiles LCS recoveries were outside of control limits for 2-Hexanone (130%) and 4-Methyl-2-pentanone (129%). Recoveries were biased high and all the associated samples were ND, therefore the data was accepted.	
2	Batch 19882 Metals MS/MSD was an unrelated sample.	
	Batch 19786 Semivolatiles (sample MW-4 (47-48)) MS/MSD recoveries were below the control limits for 2,4-Dinitrophenol (8.46% and 7.52%), 4,6-Dinitro-2-methylphenol (17.9% and 16.4%), and Pentachlorophenol (45.8% MS only).	
	Batch R41909 Volatiles (sample MW-4 (47-48)) MS recoveries were above the control limits for 2-Hexanone (136%) and 4-Methyl-2-pentanone (129%).	
3	Batch R41909 Volatiles (sample MW-4 (47-48)) MS recoveries were above the control limits for several RPD's.	
4	Batch 19882 Metals MS/MSD was an 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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Project: 92067647/City of Houston-Velasco
Work Order: **0609209**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0609209-01	MW-1A (33-34)	Soil		9/13/2006 09:20	9/14/2006 17:05	☑
0609209-02	MW-3 (33-34)	Soil		9/13/2006 11:50	9/14/2006 17:05	☐
0609209-03	MW4 (2-4)	Soil		9/13/2006 14:00	9/14/2006 17:05	☑
0609209-04	MW-4 (47-48)	Soil		9/13/2006 16:14	9/14/2006 17:05	☐
0609209-05	MW-5 (30-31)	Soil		9/14/2006 14:50	9/14/2006 17:05	☐
0609209-06	Dup-3	Soil		9/14/2006	9/14/2006 17:05	☐
0609209-07	B-22 (2-4)	Soil		9/14/2006 16:10	9/14/2006 17:05	☐
0609209-08	B-22 (15-16)	Soil		9/14/2006 16:18	9/14/2006 17:05	☑
0609209-09	B-22 (2-4)	Soil		9/14/2006 16:25	9/14/2006 17:05	☐
0609209-10	B-23 (15-16)	Soil		9/14/2006 16:38	9/14/2006 17:05	☑
0609209-11	Trip Blank	Water		9/14/2006 16:38	9/14/2006 17:05	☑

e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-3 (33-34)
Work Order: 0609209
Collection Date: 9/13/2006 11:50:00 AM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-02
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/15/06		Analyst: **JFT**
nC6 to nC12	U		19	61	mg/Kg-dry	1	9/16/2006
>nC12 to nC28	U		19	61	mg/Kg-dry	1	9/16/2006
>nC28 to nC35	U		19	61	mg/Kg-dry	1	9/16/2006
Total Petroleum Hydrocarbon	U		19	61	mg/Kg-dry	1	9/16/2006
Surr: 2-Fluorobiphenyl	*113*			*70-130*	*%REC*	1	9/16/2006
Surr: Trifluoromethyl benzene	*101*			*70-130*	*%REC*	1	9/16/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/16/06		Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
1,2-Dichlorobenzene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
1,3-Dichlorobenzene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
1,4-Dichlorobenzene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2,4,5-Trichlorophenol	U		0.049	0.40	mg/Kg-dry	1	9/19/2006
2,4,6-Trichlorophenol	U		0.049	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dichlorophenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dimethylphenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dinitrophenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dinitrotoluene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2,6-Dinitrotoluene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2-Chloronaphthalene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2-Chlorophenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2-Methylnaphthalene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2-Methylphenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2-Nitroaniline	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
2-Nitrophenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
3&4-Methylphenol	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
3,3'-Dichlorobenzidine	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
3-Nitroaniline	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
4,6-Dinitro-2-methylphenol	U		0.061	0.40	mg/Kg-dry	1	9/19/2006
4-Bromophenyl phenyl ether	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
4-Chloro-3-methylphenol	U		0.049	0.40	mg/Kg-dry	1	9/19/2006
4-Chloroaniline	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
4-Chlorophenyl phenyl ether	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
4-Nitroaniline	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
4-Nitrophenol	U		0.12	0.40	mg/Kg-dry	1	9/19/2006
Acenaphthene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Acenaphthylene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Anthracene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Benz(a)anthracene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-3 (33-34)
Work Order: 0609209
Collection Date: 9/13/2006 11:50:00 AM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-02
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Benzo(b)fluoranthene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Benzo(g,h,i)perylene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Benzo(k)fluoranthene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethoxy)methane	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethyl)ether	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-chloroisopropyl)ether	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-ethylhexyl)phthalate	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Butyl benzyl phthalate	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Carbazole	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Chrysene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Di-n-butyl phthalate	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Di-n-octyl phthalate	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Dibenz(a,h)anthracene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Dibenzofuran	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Diethyl phthalate	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Dimethyl phthalate	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Fluoranthene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Fluorene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Hexachlorobenzene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Hexachlorobutadiene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Hexachlorocyclopentadiene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Hexachloroethane	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Indeno(1,2,3-cd)pyrene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Isophorone	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
N-Nitrosodi-n-propylamine	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
N-Nitrosodiphenylamine	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Naphthalene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Nitrobenzene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Pentachlorophenol	U		0.061	0.40	mg/Kg-dry	1	9/19/2006
Phenanthrene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Phenol	U		0.085	0.40	mg/Kg-dry	1	9/19/2006
Pyrene	U		0.037	0.40	mg/Kg-dry	1	9/19/2006
Surr: 2,4,6-Tribromophenol	*66.8*			*40-133*	*%REC*	1	9/19/2006
Surr: 2-Fluorobiphenyl	*70.1*			*34-122*	*%REC*	1	9/19/2006
Surr: 2-Fluorophenol	*61.6*			*25-115*	*%REC*	1	9/19/2006
Surr: 4-Terphenyl-d14	*81.6*			*33-125*	*%REC*	1	9/19/2006
Surr: Nitrobenzene-d5	*69.1*			*39-120*	*%REC*	1	9/19/2006
Surr: Phenol-d6	*63.4*			*20-115*	*%REC*	1	9/19/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-3 (33-34)
Work Order: 0609209
Collection Date: 9/13/2006 11:50:00 AM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-02
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
1,1,2-Trichloroethane	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethane	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethene	U		0.0012	0.0061	mg/Kg-dry	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
1,2-Dichloroethane	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
1,2-Dichloropropane	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
2-Butanone	U		0.00085	0.012	mg/Kg-dry	1	9/20/2006
2-Hexanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
4-Methyl-2-pentanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Acetone	U		0.0024	0.030	mg/Kg-dry	1	9/20/2006
Benzene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Bromodichloromethane	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
Bromoform	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
Bromomethane	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Carbon disulfide	U		0.0015	0.012	mg/Kg-dry	1	9/20/2006
Carbon tetrachloride	U		0.0012	0.0061	mg/Kg-dry	1	9/20/2006
Chlorobenzene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
Chloroethane	U		0.0019	0.012	mg/Kg-dry	1	9/20/2006
Chloroform	U		0.0011	0.0061	mg/Kg-dry	1	9/20/2006
Chloromethane	U		0.0013	0.012	mg/Kg-dry	1	9/20/2006
cis-1,2-Dichloroethene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Dibromochloromethane	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Ethylbenzene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
m,p-Xylene	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Methyl tert-butyl ether	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
Methylene chloride	**0.0066**	J	**0.0037**	**0.012**	**mg/Kg-dry**	1	9/20/2006
n-Butylbenzene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
Naphthalene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
o-Xylene	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
sec-Butylbenzene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
Styrene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
Tetrachloroethene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Toluene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
trans-1,2-Dichloroethene	U		0.0012	0.0061	mg/Kg-dry	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Trichloroethene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-02

Client Sample ID: MW-3 (33-34)
Collection Date: 9/13/2006 11:50:00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00073	0.0024	mg/Kg-dry	1	9/20/2006
Xylenes, Total	U		0.0018	0.018	mg/Kg-dry	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*95.8*			*70-128*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*90.2*			*73-126*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*88.8*			*71-128*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*92.1*			*73-127*	*%REC*	1	9/20/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **VLB**
Percent Moisture	**17.9**		**0.010**	**0.0100**	**wt%**	1	9/18/2006

Qualifiers:

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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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-4 (47-48)
Work Order: 0609209
Collection Date: 9/13/2006 4:14:00 PM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-04
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/15/06		Analyst: **JFT**
nC6 to nC12	U		19	59	mg/Kg-dry	1	9/16/2006
>nC12 to nC28	U		19	59	mg/Kg-dry	1	9/16/2006
>nC28 to nC35	U		19	59	mg/Kg-dry	1	9/16/2006
Total Petroleum Hydrocarbon	U		19	59	mg/Kg-dry	1	9/16/2006
Surr: 2-Fluorobiphenyl	*107*			*70-130*	*%REC*	1	9/16/2006
Surr: Trifluoromethyl benzene	*97.2*			*70-130*	*%REC*	1	9/16/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/16/06		Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
1,2-Dichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
1,3-Dichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
1,4-Dichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2,4,5-Trichlorophenol	U		0.047	0.39	mg/Kg-dry	1	9/19/2006
2,4,6-Trichlorophenol	U		0.047	0.39	mg/Kg-dry	1	9/19/2006
2,4-Dichlorophenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2,4-Dimethylphenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2,4-Dinitrophenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2,4-Dinitrotoluene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2,6-Dinitrotoluene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2-Chloronaphthalene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2-Chlorophenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2-Methylnaphthalene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2-Methylphenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2-Nitroaniline	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
2-Nitrophenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
3&4-Methylphenol	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
3,3'-Dichlorobenzidine	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
3-Nitroaniline	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
4,6-Dinitro-2-methylphenol	U		0.059	0.39	mg/Kg-dry	1	9/19/2006
4-Bromophenyl phenyl ether	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
4-Chloro-3-methylphenol	U		0.047	0.39	mg/Kg-dry	1	9/19/2006
4-Chloroaniline	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
4-Chlorophenyl phenyl ether	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
4-Nitroaniline	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
4-Nitrophenol	U		0.12	0.39	mg/Kg-dry	1	9/19/2006
Acenaphthene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Acenaphthylene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Anthracene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Benz(a)anthracene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-4 (47-48)
Work Order: 0609209
Collection Date: 9/13/2006 4:14:00 PM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-04
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Benzo(b)fluoranthene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Benzo(g,h,i)perylene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Benzo(k)fluoranthene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethoxy)methane	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethyl)ether	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Bis(2-chloroisopropyl)ether	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Bis(2-ethylhexyl)phthalate	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Butyl benzyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Carbazole	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Chrysene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Di-n-butyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Di-n-octyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Dibenz(a,h)anthracene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Dibenzofuran	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Diethyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Dimethyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Fluoranthene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Fluorene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Hexachlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Hexachlorobutadiene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Hexachlorocyclopentadiene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Hexachloroethane	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Indeno(1,2,3-cd)pyrene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Isophorone	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
N-Nitrosodi-n-propylamine	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
N-Nitrosodiphenylamine	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Naphthalene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Nitrobenzene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Pentachlorophenol	U		0.059	0.39	mg/Kg-dry	1	9/19/2006
Phenanthrene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Phenol	U		0.083	0.39	mg/Kg-dry	1	9/19/2006
Pyrene	U		0.036	0.39	mg/Kg-dry	1	9/19/2006
Surr: 2,4,6-Tribromophenol	*106*			*40-133*	*%REC*	1	9/19/2006
Surr: 2-Fluorobiphenyl	*104*			*34-122*	*%REC*	1	9/19/2006
Surr: 2-Fluorophenol	*91.2*			*25-115*	*%REC*	1	9/19/2006
Surr: 4-Terphenyl-d14	*125*			*33-125*	*%REC*	1	9/19/2006
Surr: Nitrobenzene-d5	*103*			*39-120*	*%REC*	1	9/19/2006
Surr: Phenol-d6	*95.9*			*20-115*	*%REC*	1	9/19/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-4 (47-48)
Work Order: 0609209
Collection Date: 9/13/2006 4:14:00 PM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-04
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
1,1,2-Trichloroethane	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethane	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethene	U		0.0012	0.0059	mg/Kg-dry	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
1,2-Dichloroethane	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
1,2-Dichloropropane	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
2-Butanone	U		0.00083	0.012	mg/Kg-dry	1	9/20/2006
2-Hexanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
4-Methyl-2-pentanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Acetone	U		0.0024	0.030	mg/Kg-dry	1	9/20/2006
Benzene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Bromodichloromethane	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
Bromoform	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
Bromomethane	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Carbon disulfide	U		0.0014	0.012	mg/Kg-dry	1	9/20/2006
Carbon tetrachloride	U		0.0012	0.0059	mg/Kg-dry	1	9/20/2006
Chlorobenzene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
Chloroethane	U		0.0019	0.012	mg/Kg-dry	1	9/20/2006
Chloroform	U		0.0011	0.0059	mg/Kg-dry	1	9/20/2006
Chloromethane	U		0.0013	0.012	mg/Kg-dry	1	9/20/2006
cis-1,2-Dichloroethene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Dibromochloromethane	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Ethylbenzene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
m,p-Xylene	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Methyl tert-butyl ether	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
Methylene chloride	U		0.0036	0.012	mg/Kg-dry	1	9/20/2006
n-Butylbenzene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
Naphthalene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
o-Xylene	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
sec-Butylbenzene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
Styrene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
Tetrachloroethene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Toluene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
trans-1,2-Dichloroethene	U		0.0012	0.0059	mg/Kg-dry	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Trichloroethene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-04

Client Sample ID: MW-4 (47-48)
Collection Date: 9/13/2006 4:14:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00071	0.0024	mg/Kg-dry	1	9/20/2006
Xylenes, Total	U		0.0018	0.018	mg/Kg-dry	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*94.5*			*70-128*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*90.3*			*73-126*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*90.5*			*71-128*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*94.0*			*73-127*	*%REC*	1	9/20/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **VLB**
Percent Moisture	**15.7**		**0.010**	**0.0100**	**wt%**	1	9/18/2006

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-5 (30-31)
Work Order: 0609209
Collection Date: 9/14/2006 2:50:00 PM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-05
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/15/06		Analyst: **JFT**
nC6 to nC12	**490**		**20**	**64**	**mg/Kg-dry**	1	9/16/2006
>nC12 to nC28	**350**		**20**	**64**	**mg/Kg-dry**	1	9/16/2006
>nC28 to nC35	**41**	J	**20**	**64**	**mg/Kg-dry**	1	9/16/2006
Total Petroleum Hydrocarbon	**881**		**20**	**64**	**mg/Kg-dry**	1	9/16/2006
Surr: 2-Fluorobiphenyl	*111*			*70-130*	*%REC*	1	9/16/2006
Surr: Trifluoromethyl benzene	*97.9*			*70-130*	*%REC*	1	9/16/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/16/06		Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
1,2-Dichlorobenzene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
1,3-Dichlorobenzene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
1,4-Dichlorobenzene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2,4,5-Trichlorophenol	U		0.051	0.42	mg/Kg-dry	1	9/19/2006
2,4,6-Trichlorophenol	U		0.051	0.42	mg/Kg-dry	1	9/19/2006
2,4-Dichlorophenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2,4-Dimethylphenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2,4-Dinitrophenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2,4-Dinitrotoluene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2,6-Dinitrotoluene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2-Chloronaphthalene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2-Chlorophenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2-Methylnaphthalene	**0.082**	J	**0.038**	**0.42**	**mg/Kg-dry**	1	9/19/2006
2-Methylphenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2-Nitroaniline	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
2-Nitrophenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
3&4-Methylphenol	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
3,3'-Dichlorobenzidine	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
3-Nitroaniline	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
4,6-Dinitro-2-methylphenol	U		0.064	0.42	mg/Kg-dry	1	9/19/2006
4-Bromophenyl phenyl ether	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
4-Chloro-3-methylphenol	U		0.051	0.42	mg/Kg-dry	1	9/19/2006
4-Chloroaniline	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
4-Chlorophenyl phenyl ether	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
4-Nitroaniline	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
4-Nitrophenol	U		0.13	0.42	mg/Kg-dry	1	9/19/2006
Acenaphthene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Acenaphthylene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Anthracene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Benz(a)anthracene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006

Qualifiers:

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

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-5 (30-31)
Work Order: 0609209
Collection Date: 9/14/2006 2:50:00 PM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-05
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Benzo(b)fluoranthene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Benzo(g,h,i)perylene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Benzo(k)fluoranthene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethoxy)methane	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethyl)ether	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Bis(2-chloroisopropyl)ether	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Bis(2-ethylhexyl)phthalate	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Butyl benzyl phthalate	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Carbazole	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Chrysene	**0.059**	J	**0.038**	**0.42**	**mg/Kg-dry**	1	9/19/2006
Di-n-butyl phthalate	**0.34**	J	**0.038**	**0.42**	**mg/Kg-dry**	1	9/19/2006
Di-n-octyl phthalate	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Dibenz(a,h)anthracene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Dibenzofuran	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Diethyl phthalate	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Dimethyl phthalate	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Fluoranthene	**0.073**	J	**0.038**	**0.42**	**mg/Kg-dry**	1	9/19/2006
Fluorene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Hexachlorobenzene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Hexachlorobutadiene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Hexachlorocyclopentadiene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Hexachloroethane	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Indeno(1,2,3-cd)pyrene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Isophorone	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
N-Nitrosodi-n-propylamine	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
N-Nitrosodiphenylamine	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Naphthalene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Nitrobenzene	U		0.038	0.42	mg/Kg-dry	1	9/19/2006
Pentachlorophenol	U		0.064	0.42	mg/Kg-dry	1	9/19/2006
Phenanthrene	**0.050**	J	**0.038**	**0.42**	**mg/Kg-dry**	1	9/19/2006
Phenol	U		0.089	0.42	mg/Kg-dry	1	9/19/2006
Pyrene	**0.060**	J	**0.038**	**0.42**	**mg/Kg-dry**	1	9/19/2006
Surr: 2,4,6-Tribromophenol	*76.2*			*40-133*	*%REC*	1	9/19/2006
Surr: 2-Fluorobiphenyl	*76.2*			*34-122*	*%REC*	1	9/19/2006
Surr: 2-Fluorophenol	*65.0*			*25-115*	*%REC*	1	9/19/2006
Surr: 4-Terphenyl-d14	*81.0*			*33-125*	*%REC*	1	9/19/2006
Surr: Nitrobenzene-d5	*72.0*			*39-120*	*%REC*	1	9/19/2006
Surr: Phenol-d6	*68.1*			*20-115*	*%REC*	1	9/19/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-05

Client Sample ID: MW-5 (30-31)
Collection Date: 9/14/2006 2:50:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00089	0.0064	mg/Kg-dry	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.00064	0.0064	mg/Kg-dry	1	9/20/2006
1,1,2-Trichloroethane	U		0.00064	0.0064	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethane	U		0.0010	0.0064	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethene	U		0.0013	0.0064	mg/Kg-dry	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00089	0.0064	mg/Kg-dry	1	9/20/2006
1,2-Dichloroethane	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
1,2-Dichloropropane	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.0010	0.0064	mg/Kg-dry	1	9/20/2006
2-Butanone	**0.0063**	J	**0.00089**	**0.013**	**mg/Kg-dry**	1	9/20/2006
2-Hexanone	U		0.0013	0.013	mg/Kg-dry	1	9/20/2006
4-Methyl-2-pentanone	U		0.0013	0.013	mg/Kg-dry	1	9/20/2006
Acetone	**0.031**	J	**0.0025**	**0.032**	**mg/Kg-dry**	1	9/20/2006
Benzene	**0.0013**	J	**0.00076**	**0.0064**	**mg/Kg-dry**	1	9/20/2006
Bromodichloromethane	U		0.0010	0.0064	mg/Kg-dry	1	9/20/2006
Bromoform	U		0.00064	0.0064	mg/Kg-dry	1	9/20/2006
Bromomethane	U		0.0013	0.013	mg/Kg-dry	1	9/20/2006
Carbon disulfide	**0.0019**	J	**0.0015**	**0.013**	**mg/Kg-dry**	1	9/20/2006
Carbon tetrachloride	U		0.0013	0.0064	mg/Kg-dry	1	9/20/2006
Chlorobenzene	U		0.00089	0.0064	mg/Kg-dry	1	9/20/2006
Chloroethane	U		0.0020	0.013	mg/Kg-dry	1	9/20/2006
Chloroform	U		0.0011	0.0064	mg/Kg-dry	1	9/20/2006
Chloromethane	U		0.0014	0.013	mg/Kg-dry	1	9/20/2006
cis-1,2-Dichloroethene	U		0.0010	0.0064	mg/Kg-dry	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
Dibromochloromethane	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
Ethylbenzene	U		0.0010	0.0064	mg/Kg-dry	1	9/20/2006
m,p-Xylene	U		0.0013	0.013	mg/Kg-dry	1	9/20/2006
Methyl tert-butyl ether	U		0.0010	0.0064	mg/Kg-dry	1	9/20/2006
Methylene chloride	**0.0056**	J	**0.0038**	**0.013**	**mg/Kg-dry**	1	9/20/2006
n-Butylbenzene	**0.079**		**0.0010**	**0.0064**	**mg/Kg-dry**	1	9/20/2006
Naphthalene	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
o-Xylene	U		0.00064	0.0064	mg/Kg-dry	1	9/20/2006
sec-Butylbenzene	**0.14**		**0.00089**	**0.0064**	**mg/Kg-dry**	1	9/20/2006
Styrene	U		0.00089	0.0064	mg/Kg-dry	1	9/20/2006
Tetrachloroethene	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
Toluene	**0.0029**	J	**0.00076**	**0.0064**	**mg/Kg-dry**	1	9/20/2006
trans-1,2-Dichloroethene	U		0.0013	0.0064	mg/Kg-dry	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006
Trichloroethene	U		0.00076	0.0064	mg/Kg-dry	1	9/20/2006

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e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-5 (30-31)
Work Order: 0609209
Collection Date: 9/14/2006 2:50:00 PM
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-05
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00076	0.0025	mg/Kg-dry	1	9/20/2006
Xylenes, Total	U		0.0019	0.019	mg/Kg-dry	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*96.3*			*70-128*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*105*			*73-126*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*91.0*			*71-128*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*94.6*			*73-127*	*%REC*	1	9/20/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **VLB**
Percent Moisture	**21.4**		**0.010**	**0.0100**	**wt%**	1	9/18/2006

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E - Value above quantitation range
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e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-3
Work Order: 0609209
Collection Date: 9/14/2006
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-06
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/15/06		Analyst: **JFT**
nC6 to nC12	**400**		**19**	**61**	**mg/Kg-dry**	1	9/17/2006
>nC12 to nC28	**280**		**19**	**61**	**mg/Kg-dry**	1	9/17/2006
>nC28 to nC35	**40**	J	**19**	**61**	**mg/Kg-dry**	1	9/17/2006
Total Petroleum Hydrocarbon	**720**		**19**	**61**	**mg/Kg-dry**	1	9/17/2006
Surr: 2-Fluorobiphenyl	*111*			*70-130*	*%REC*	1	9/17/2006
Surr: Trifluoromethyl benzene	*98.4*			*70-130*	*%REC*	1	9/17/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/16/06		Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
1,2-Dichlorobenzene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
1,3-Dichlorobenzene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
1,4-Dichlorobenzene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2,4,5-Trichlorophenol	U		0.048	0.40	mg/Kg-dry	1	9/19/2006
2,4,6-Trichlorophenol	U		0.048	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dichlorophenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dimethylphenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dinitrophenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2,4-Dinitrotoluene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2,6-Dinitrotoluene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2-Chloronaphthalene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2-Chlorophenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2-Methylnaphthalene	**0.072**	J	**0.036**	**0.40**	**mg/Kg-dry**	1	9/19/2006
2-Methylphenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2-Nitroaniline	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
2-Nitrophenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
3&4-Methylphenol	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
3,3'-Dichlorobenzidine	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
3-Nitroaniline	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
4,6-Dinitro-2-methylphenol	U		0.061	0.40	mg/Kg-dry	1	9/19/2006
4-Bromophenyl phenyl ether	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
4-Chloro-3-methylphenol	U		0.048	0.40	mg/Kg-dry	1	9/19/2006
4-Chloroaniline	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
4-Chlorophenyl phenyl ether	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
4-Nitroaniline	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
4-Nitrophenol	U		0.12	0.40	mg/Kg-dry	1	9/19/2006
Acenaphthene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Acenaphthylene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Anthracene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Benz(a)anthracene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006

Qualifiers:

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e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-3
Work Order: 0609209
Collection Date: 9/14/2006
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-06
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Benzo(b)fluoranthene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Benzo(g,h,i)perylene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Benzo(k)fluoranthene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethoxy)methane	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-chloroethyl)ether	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-chloroisopropyl)ether	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Bis(2-ethylhexyl)phthalate	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Butyl benzyl phthalate	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Carbazole	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Chrysene	**0.046**	J	**0.036**	**0.40**	**mg/Kg-dry**	1	9/19/2006
Di-n-butyl phthalate	**0.40**		**0.036**	**0.40**	**mg/Kg-dry**	1	9/19/2006
Di-n-octyl phthalate	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Dibenz(a,h)anthracene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Dibenzofuran	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Diethyl phthalate	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Dimethyl phthalate	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Fluoranthene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Fluorene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Hexachlorobenzene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Hexachlorobutadiene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Hexachlorocyclopentadiene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Hexachloroethane	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Indeno(1,2,3-cd)pyrene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Isophorone	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
N-Nitrosodi-n-propylamine	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
N-Nitrosodiphenylamine	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Naphthalene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Nitrobenzene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Pentachlorophenol	U		0.061	0.40	mg/Kg-dry	1	9/19/2006
Phenanthrene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Phenol	U		0.085	0.40	mg/Kg-dry	1	9/19/2006
Pyrene	U		0.036	0.40	mg/Kg-dry	1	9/19/2006
Surr: 2,4,6-Tribromophenol	*85.2*			*40-133*	*%REC*	1	9/19/2006
Surr: 2-Fluorobiphenyl	*82.1*			*34-122*	*%REC*	1	9/19/2006
Surr: 2-Fluorophenol	*65.7*			*25-115*	*%REC*	1	9/19/2006
Surr: 4-Terphenyl-d14	*89.4*			*33-125*	*%REC*	1	9/19/2006
Surr: Nitrobenzene-d5	*74.3*			*39-120*	*%REC*	1	9/19/2006
Surr: Phenol-d6	*71.5*			*20-115*	*%REC*	1	9/19/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-3
Work Order: 0609209
Collection Date: 9/14/2006
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-06
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
1,1,2-Trichloroethane	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethane	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethene	U		0.0012	0.0061	mg/Kg-dry	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
1,2-Dichloroethane	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
1,2-Dichloropropane	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
2-Butanone	**0.0077**	J	**0.00085**	**0.012**	**mg/Kg-dry**	1	9/20/2006
2-Hexanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
4-Methyl-2-pentanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Acetone	**0.033**		**0.0024**	**0.030**	**mg/Kg-dry**	1	9/20/2006
Benzene	**0.00077**	J	**0.00073**	**0.0061**	**mg/Kg-dry**	1	9/20/2006
Bromodichloromethane	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
Bromoform	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
Bromomethane	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Carbon disulfide	**0.0015**	J	**0.0015**	**0.012**	**mg/Kg-dry**	1	9/20/2006
Carbon tetrachloride	U		0.0012	0.0061	mg/Kg-dry	1	9/20/2006
Chlorobenzene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
Chloroethane	U		0.0019	0.012	mg/Kg-dry	1	9/20/2006
Chloroform	U		0.0011	0.0061	mg/Kg-dry	1	9/20/2006
Chloromethane	U		0.0013	0.012	mg/Kg-dry	1	9/20/2006
cis-1,2-Dichloroethene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Dibromochloromethane	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Ethylbenzene	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
m,p-Xylene	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Methyl tert-butyl ether	U		0.00097	0.0061	mg/Kg-dry	1	9/20/2006
Methylene chloride	**0.0060**	J	**0.0036**	**0.012**	**mg/Kg-dry**	1	9/20/2006
n-Butylbenzene	**0.055**		**0.00097**	**0.0061**	**mg/Kg-dry**	1	9/20/2006
Naphthalene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
o-Xylene	U		0.00061	0.0061	mg/Kg-dry	1	9/20/2006
sec-Butylbenzene	**0.095**		**0.00085**	**0.0061**	**mg/Kg-dry**	1	9/20/2006
Styrene	U		0.00085	0.0061	mg/Kg-dry	1	9/20/2006
Tetrachloroethene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Toluene	**0.0021**	J	**0.00073**	**0.0061**	**mg/Kg-dry**	1	9/20/2006
trans-1,2-Dichloroethene	U		0.0012	0.0061	mg/Kg-dry	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006
Trichloroethene	U		0.00073	0.0061	mg/Kg-dry	1	9/20/2006

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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

e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-3
Work Order: 0609209
Collection Date: 9/14/2006
Project: 92067647/City of Houston-Velasco
Lab ID: 0609209-06
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00073	0.0024	mg/Kg-dry	1	9/20/2006
Xylenes, Total	U		0.0018	0.018	mg/Kg-dry	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*93.4*			*70-128*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*104*			*73-126*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*85.9*			*71-128*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*95.3*			*73-127*	*%REC*	1	9/20/2006
PERCENT MOISTURE			Method: **E160.3**				Analyst: **VLB**
Percent Moisture	**17.4**		**0.010**	**0.0100**	**wt%**	1	9/18/2006

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 22, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	B-22 (2-4)
Work Order:	0609209	**Collection Date:**	9/14/2006 4:10:00 PM
Project:	92067647/City of Houston-Velasco		
Lab ID:	0609209-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**		Prep: SW7471A / 9/19/06			Analyst: **JCJ**
Mercury	**200**		**1.6**	**15.3**	**µg/Kg-dry**	1	9/19/2006
ICP METALS		Method: **SW6020**		Prep: SW3050A / 9/19/06			Analyst: **SA**
Arsenic	**3.66**		**0.29**	**1.10**	**mg/Kg-dry**	2	9/21/2006
Barium	**155**		**0.077**	**0.551**	**mg/Kg-dry**	1	9/20/2006
Cadmium	**0.293**	J	**0.033**	**0.551**	**mg/Kg-dry**	1	9/20/2006
Chromium	**11.3**		**0.077**	**0.551**	**mg/Kg-dry**	1	9/20/2006
Lead	**77.4**		**0.099**	**0.551**	**mg/Kg-dry**	1	9/20/2006
Selenium	**0.851**		**0.21**	**0.551**	**mg/Kg-dry**	1	9/20/2006
Silver	U		0.022	0.551	mg/Kg-dry	1	9/20/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **VLB**
Percent Moisture	**14.3**		**0.010**	**0.0100**	**wt%**	1	9/19/2006

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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

e-Lab Analytical, Inc.

Date: *September 22, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	B-22 (2-4)
Work Order:	0609209	**Collection Date:**	9/14/2006 4:25:00 PM
Project:	92067647/City of Houston-Velasco		
Lab ID:	0609209-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep: SW7471A / 9/19/06		Analyst: **JCJ**
Mercury	**370**		**1.6**	**15.2**	**µg/Kg-dry**	1	9/19/2006
ICP METALS		Method: **SW6020**			Prep: SW3050A / 9/19/06		Analyst: **SA**
Arsenic	**44.6**		**1.5**	**5.58**	**mg/Kg-dry**	10	9/21/2006
Barium	**1,180**		**0.78**	**5.58**	**mg/Kg-dry**	10	9/21/2006
Cadmium	**5.06**		**0.034**	**0.558**	**mg/Kg-dry**	1	9/20/2006
Chromium	**75.0**		**0.078**	**0.558**	**mg/Kg-dry**	1	9/20/2006
Lead	**4,510**		**100**	**558**	**mg/Kg-dry**	1000	9/21/2006
Selenium	**0.385**	J	**0.21**	**0.558**	**mg/Kg-dry**	1	9/20/2006
Silver	**4.00**		**0.022**	**0.558**	**mg/Kg-dry**	1	9/20/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **VLB**
Percent Moisture	**13.1**		**0.010**	**0.0100**	**wt%**	1	9/19/2006

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: Sep 22, 2006

Test Code: 8260_S
Test Number: SW8260
Test Name: Volatiles by GC/MS
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.0007	0.005
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0005	0.005
A	1,1,2-Trichloroethane	79-00-5	0.0005	0.005
A	1,1-Dichloroethane	75-34-3	0.0008	0.005
A	1,1-Dichloroethene	75-35-4	0.001	0.005
A	1,2,4-Trimethylbenzene	95-63-6	0.0007	0.005
A	1,2-Dichloroethane	107-06-2	0.0006	0.005
A	1,2-Dichloropropane	78-87-5	0.0006	0.005
A	1,3,5-Trimethylbenzene	108-67-8	0.0008	0.005
A	2-Butanone	78-93-3	0.0007	0.01
A	2-Hexanone	591-78-6	0.001	0.01
A	4-Methyl-2-pentanone	108-10-1	0.001	0.01
A	Acetone	67-64-1	0.002	0.025
A	Benzene	71-43-2	0.0006	0.005
A	Bromodichloromethane	75-27-4	0.0008	0.005
A	Bromoform	75-25-2	0.0005	0.005
A	Bromomethane	74-83-9	0.001	0.01
A	Carbon disulfide	75-15-0	0.0012	0.01
A	Carbon tetrachloride	56-23-5	0.001	0.005
A	Chlorobenzene	108-90-7	0.0007	0.005
A	Chloroethane	75-00-3	0.0016	0.01
A	Chloroform	67-66-3	0.0009	0.005
A	Chloromethane	74-87-3	0.0011	0.01
A	cis-1,2-Dichloroethene	156-59-2	0.0008	0.005
A	cis-1,3-Dichloropropene	10061-01-5	0.0006	0.005
A	Dibromochloromethane	124-48-1	0.0006	0.005
A	Ethylbenzene	100-41-4	0.0008	0.005
A	m,p-Xylene	136777-61-2	0.001	0.01
A	Methyl tert-butyl ether	1634-04-4	0.0008	0.005
A	Methylene chloride	75-09-2	0.003	0.01
A	n-Butylbenzene	104-51-8	0.0008	0.005
A	Naphthalene	91-20-3	0.0006	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	0.0007	0.005
A	Tetrachloroethene	127-18-4	0.0006	0.005
A	Toluene	108-88-3	0.0006	0.005
A	trans-1,2-Dichloroethene	156-60-5	0.001	0.005
A	trans-1,3-Dichloropropene	10061-02-6	0.0006	0.005
A	Trichloroethene	79-01-6	0.0006	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
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr: Toluene-d8	2037-26-5	0	0

Test Code: 8270_TCL_S
Test Number: SW8270
Test Name: TCL Semivolatile Organics
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,2,4-Trichlorobenzene	120-82-1	0.03	0.33
A	1,2-Dichlorobenzene	95-50-1	0.03	0.33
A	1,3-Dichlorobenzene	541-73-1	0.03	0.33
A	1,4-Dichlorobenzene	106-46-7	0.03	0.33
A	2,4,5-Trichlorophenol	95-95-4	0.04	0.33
A	2,4,6-Trichlorophenol	88-06-2	0.04	0.33
A	2,4-Dichlorophenol	120-83-2	0.03	0.33
A	2,4-Dimethylphenol	105-67-9	0.03	0.33
A	2,4-Dinitrophenol	51-28-5	0.03	0.33
A	2,4-Dinitrotoluene	121-14-2	0.03	0.33
A	2,6-Dinitrotoluene	606-20-2	0.03	0.33
A	2-Chloronaphthalene	91-58-7	0.03	0.33
A	2-Chlorophenol	95-57-8	0.03	0.33
A	2-Methylnaphthalene	91-57-6	0.03	0.33
A	2-Methylphenol	95-48-7	0.03	0.33
A	2-Nitroaniline	88-74-4	0.03	0.33
A	2-Nitrophenol	88-75-5	0.03	0.33
A	3&4-Methylphenol	106-44-5	0.03	0.33
A	3,3′-Dichlorobenzidine	91-94-1	0.03	0.33
A	3-Nitroaniline	99-09-2	0.03	0.33
A	4,6-Dinitro-2-methylphenol	534-52-1	0.05	0.33
A	4-Bromophenyl phenyl ether	101-55-3	0.03	0.33
A	4-Chloro-3-methylphenol	59-50-7	0.04	0.33
A	4-Chloroaniline	106-47-8	0.03	0.33
A	4-Chlorophenyl phenyl ether	7005-72-3	0.03	0.33
A	4-Nitroaniline	100-01-6	0.03	0.33
A	4-Nitrophenol	100-02-7	0.1	0.33
A	Acenaphthene	83-32-9	0.03	0.33
A	Acenaphthylene	208-96-8	0.03	0.33
A	Anthracene	120-12-7	0.03	0.33
A	Benz(a)anthracene	56-55-3	0.03	0.33
A	Benzo(a)pyrene	50-32-8	0.03	0.33
A	Benzo(b)fluoranthene	205-99-2	0.03	0.33
A	Benzo(g,h,i)perylene	191-24-2	0.03	0.33
A	Benzo(k)fluoranthene	207-08-9	0.03	0.33
A	Bis(2-chloroethoxy)methane	111-91-1	0.03	0.33
A	Bis(2-chloroethyl)ether	111-44-4	0.03	0.33
A	Bis(2-chloroisopropyl)ether	108-60-1	0.03	0.33
A	Bis(2-ethylhexyl)phthalate	117-81-7	0.03	0.33
A	Butyl benzyl phthalate	85-68-7	0.03	0.33
A	Carbazole	86-74-8	0.03	0.33
A	Chrysene	218-01-9	0.03	0.33

A	Di-n-butyl phthalate	84-74-2	0.03	0.33
A	Di-n-octyl phthalate	117-84-0	0.03	0.33
A	Dibenz(a,h)anthracene	53-70-3	0.03	0.33
A	Dibenzofuran	132-64-9	0.03	0.33
A	Diethyl phthalate	84-66-2	0.03	0.33
A	Dimethyl phthalate	131-11-3	0.03	0.33
A	Fluoranthene	206-44-0	0.03	0.33
A	Fluorene	86-73-7	0.03	0.33
A	Hexachlorobenzene	118-74-1	0.03	0.33
A	Hexachlorobutadiene	87-68-3	0.03	0.33
A	Hexachlorocyclopentadiene	77-47-4	0.03	0.33
A	Hexachloroethane	67-72-1	0.03	0.33
A	Indeno(1,2,3-cd)pyrene	193-39-5	0.03	0.33
A	Isophorone	78-59-1	0.03	0.33
A	N-Nitrosodi-n-propylamine	621-64-7	0.03	0.33
A	N-Nitrosodiphenylamine	86-30-6	0.03	0.33
A	Naphthalene	91-20-3	0.03	0.33
A	Nitrobenzene	98-95-3	0.03	0.33
A	Pentachlorophenol	87-86-5	0.05	0.33
A	Phenanthrene	85-01-8	0.03	0.33
A	Phenol	108-95-2	0.07	0.33
A	Pyrene	129-00-0	0.03	0.33
S	Surr: 2,4,6-Tribromophenol	118-79-6	0	0.33
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0.33
S	Surr: 2-Fluorophenol	367-12-4	0	0.33
S	Surr: 4-Terphenyl-d14	1718-51-0	0	0.33
S	Surr: Nitrobenzene-d5	4165-60-0	0	0.33
S	Surr: Phenol-d6	13127-88-3	0	0.33

METHOD DETECTION / REPORTING LIMITS

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc.

Date: Sep 22, 2006

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Lead	7439-92-1	0.09	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5

e-Lab Analytical, Inc.

Date: Sep 22, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

e-Lab Analytical, Inc.

Date: Sep 22, 2006

Test Code: TX1005_S_REV3
Test Number: TX1005
Test Name: Texas TPH
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	>nC12 to nC28	TPHDRO	16	50
A	>nC28 to nC35	10W40MOTO	16	50
A	nC6 to nC12	TPHGRO	16	50
M	Total Petroleum Hydrocarbon	TPH	16	50
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0
S	Surr: Trifluoromethyl benzene	98-08-8	0	0

e-Lab Analytical, Inc.

Date: *Sep 22 2006*

CLIENT: Terracon Consulting Engineers & Scientists

QC BATCH REPORT

Work Order: 0609209

Project: 92067647/City of Houston-Velasco

Batch ID: **19819** Instrument ID **FID-8** Method: **TX1005**

MBLK Sample ID: **FBLKS1-060915** Units: **mg/Kg** Analysis Date: **09/19/06 17:32**

Client ID: Run ID: **FID-8_060915C** SeqNo: **952392** Prep Date: **9/15/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	50								
>nC12 to nC28	U	50								
>nC28 to nC35	U	50								
Total Petroleum Hydrocarbon	U	50								
Surr: 2-Fluorobiphenyl	*56.05*	0	*50*	0	*112*	*70-130*	0			
Surr: Trifluoromethyl benzene	*52.23*	0	*50*	0	*104*	*70-130*	0			

LCS Sample ID: **FLCSS1-060915** Units: **mg/Kg** Analysis Date: **09/16/06 20:06**

Client ID: Run ID: **FID-8_060915C** SeqNo: **951729** Prep Date: **9/15/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	297.1	50	250	0	119	75-125	0			
>nC12 to nC28	303.4	50	250	0	121	75-125	0			
Surr: 2-Fluorobiphenyl	*63.06*	0	*50*	0	*126*	*70-130*	0			
Surr: Trifluoromethyl benzene	*56.83*	0	*50*	0	*114*	*70-130*	0			

LCSD Sample ID: **FLCSDS1-060915** Units: **mg/Kg** Analysis Date: **09/16/06 20:49**

Client ID: Run ID: **FID-8_060915C** SeqNo: **951730** Prep Date: **9/15/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	287	50	250	0	115	75-125	297.1	3.45	20	
>nC12 to nC28	264.2	50	250	0	106	75-125	303.4	13.8	20	
Surr: 2-Fluorobiphenyl	*60.41*	0	*50*	0	*121*	*70-130*	63.06	*4.28*	*20*	
Surr: Trifluoromethyl benzene	*54.63*	0	*50*	0	*109*	*70-130*	56.83	*3.94*	*20*	

MS Sample ID: **0609209-04AMS** Units: **mg/Kg** Analysis Date: **09/19/06 15:04**

Client ID: **MW-4 (47-48)** Run ID: **FID-8_060915C** SeqNo: **952388** Prep Date: **9/15/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	261.1	50	250	0	104	75-125	0			
>nC12 to nC28	303.9	50	250	0	122	75-125	0			
Surr: 2-Fluorobiphenyl	*60.12*	0	*50*	0	*120*	*70-130*	0			
Surr: Trifluoromethyl benzene	*57.12*	0	*50*	0	*114*	*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 & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19819** Instrument ID **FID-8** Method: **TX1005**

MSD Sample ID: **0609209-04AMSD** Units: **mg/Kg** Analysis Date: **09/19/06 15:44**

Client ID: **MW-4 (47-48)** Run ID: **FID-8_060915C** SeqNo: **952389** Prep Date: **9/15/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	251.8	50	250	0	101	75-125	261.1	3.59	20	
>nC12 to nC28	276	50	250	0	110	75-125	303.9	9.61	20	
Surr: 2-Fluorobiphenyl	*56.25*	0	*50*	0	*112*	*70-130*	60.12	*6.65*	*20*	
Surr: Trifluoromethyl benzene	*51.98*	0	*50*	0	*104*	*70-130*	57.12	*9.42*	*20*	

The following samples were analyzed in this batch: 0609209-02A 0609209-04A 0609209-05B 0609209-06B

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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19864** Instrument ID **Mercury** Method: **SW7471A**

MBLK Sample ID: **GBLKS1-091906** Units: **µg/Kg** Analysis Date: **09/19/06 15:23**
Client ID: Run ID: **MERCURY_060919A** SeqNo: **951979** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID: **GLCSS1-091906** Units: **µg/Kg** Analysis Date: **09/19/06 15:25**
Client ID: Run ID: **MERCURY_060919A** SeqNo: **951980** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	356	13	333.3	0	107	85-115	0			

LCSD Sample ID: **GLCSDS1-091906** Units: **µg/Kg** Analysis Date: **09/19/06 15:27**
Client ID: Run ID: **MERCURY_060919A** SeqNo: **951981** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	356	13	333.3	0	107	85-115	356	0	20	

MS Sample ID: **0609108-05AMS** Units: **µg/Kg** Analysis Date: **09/19/06 15:40**
Client ID: Run ID: **MERCURY_060919A** SeqNo: **951984** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	350.1	13	332.8	49.02	90.5	85-115	0			

MSD Sample ID: **0609108-05AMSD** Units: **µg/Kg** Analysis Date: **09/19/06 15:42**
Client ID: Run ID: **MERCURY_060919A** SeqNo: **951985** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	352.6	13	328.9	49.02	92.3	85-115	350.1	0.725	20	

DUP Sample ID: **0609108-05ADUP** Units: **µg/Kg** Analysis Date: **09/19/06 15:38**
Client ID: Run ID: **MERCURY_060919A** SeqNo: **951983** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	44.27	13	0	0	0		49.02	10.2	20	

The following samples were analyzed in this batch: 0609209-07A 0609209-09A

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: 0609209

Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19882** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID: **MBLKS3-091906** Units: **mg/Kg** Analysis Date: **09/21/06 14:53**

Client ID: Run ID: **ICP7500_060921A** SeqNo: **953912** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.50								
Barium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Lead	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								

LCS Sample ID: **MLCSS3-091906** Units: **mg/Kg** Analysis Date: **09/21/06 14:59**

Client ID: Run ID: **ICP7500_060921A** SeqNo: **954005** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.133	0.50	10	0	91.3	80-120	0			
Barium	10.17	0.50	10	0	102	80-120	0			
Cadmium	9.787	0.50	10	0	97.9	80-120	0			
Chromium	10.25	0.50	10	0	102	80-120	0			
Lead	10.39	0.50	10	0	104	80-120	0			
Selenium	9.04	0.50	10	0	90.4	80-120	0			
Silver	9.505	0.50	10	0	95	80-120	0			

MS Sample ID: **0609236-25BMS** Units: **mg/Kg** Analysis Date: **09/21/06 2:32**

Client ID: Run ID: **ICP7500_060920A** SeqNo: **953627** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.45	0.48	9.615	3.779	69.4	75-125	0			S
Barium	40.52	0.48	9.615	35.49	52.3	75-125	0			S
Cadmium	7.801	0.48	9.615	0.05748	80.5	75-125	0			
Chromium	16.65	0.48	9.615	7.812	92	75-125	0			
Lead	21.45	0.48	9.615	16.53	51.2	75-125	0			S
Selenium	7.47	0.48	9.615	0.8362	69	75-125	0			S
Silver	6.876	0.48	9.615	0.05595	70.9	75-125	0			S

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R - RPD outside accepted recovery limits

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609209

Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19882** Instrument ID **ICP7500** Method: **SW6020**

MSD Sample ID: **0609236-25BMSD** Units: **mg/Kg** Analysis Date: **09/21/06 2:38**

Client ID: Run ID: **ICP7500_060920A** SeqNo: **953628** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.788	0.48	9.615	3.779	62.5	75-125	10.45	6.56	25	S
Barium	37.99	0.48	9.615	35.49	26	75-125	40.52	6.44	25	S
Cadmium	7.359	0.48	9.615	0.05748	75.9	75-125	7.801	5.84	25	
Chromium	14.81	0.48	9.615	7.812	72.8	75-125	16.65	11.7	25	S
Lead	19.15	0.48	9.615	16.53	27.3	75-125	21.45	11.3	25	S
Selenium	7.02	0.48	9.615	0.8362	64.3	75-125	7.47	6.21	25	S
Silver	6.388	0.48	9.615	0.05595	65.8	75-125	6.876	7.37	25	S

DUP Sample ID: **0609236-25BDUP** Units: **mg/Kg** Analysis Date: **09/21/06 2:26**

Client ID: Run ID: **ICP7500_060920A** SeqNo: **953626** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	3.196	0.48	0	0	0	0-0	3.779	0	25	
Barium	31.98	0.48	0	0	0	0-0	35.49	0	25	
Cadmium	0.04775	0.48	0	0	0	0-0	0.05748	0	25	J
Chromium	7.589	0.48	0	0	0	0-0	7.812	0	25	
Lead	12.44	0.48	0	0	0	0-0	16.53	0	25	
Selenium	0.6823	0.48	0	0	0	0-0	0.8362	0	25	
Silver	U	0.48	0	0	0	0-0	0.05595	0	25	

PDS Sample ID: **0609236-25BBS** Units: **mg/Kg** Analysis Date: **09/21/06 2:44**

Client ID: Run ID: **ICP7500_060920A** SeqNo: **953629** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	12.75	0.48	9.615	3.779	93.3	75-125	0			
Barium	40.66	0.48	9.615	35.49	53.8	75-125	0			S
Cadmium	9.808	0.48	9.615	0.05748	101	75-125	0			
Chromium	16.9	0.48	9.615	7.812	94.6	75-125	0			
Lead	24.1	0.48	9.615	16.53	78.7	75-125	0			
Selenium	9.542	0.48	9.615	0.8362	90.5	75-125	0			
Silver	7.445	0.48	9.615	0.05595	76.8	75-125	0			

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19882** Instrument ID **ICP7500** Method: **SW6020**

SD Sample ID: **0609236-25B DIL** Units: **mg/Kg** Analysis Date: **09/21/06 3:08**

Client ID: Run ID: **ICP7500_060920A** SeqNo: **953632** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	3.892	2.4	0	0	0	0-0	3.779	0	10	
Barium	30.33	2.4	0	0	0	0-0	35.49	0	10	
Cadmium	0.1837	2.4	0	0	0	0-0	0.05748	0	10	J
Chromium	6.904	2.4	0	0	0	0-0	7.812	0	10	
Lead	13.95	2.4	0	0	0	0-0	16.53	0	10	
Selenium	U	2.4	0	0	0	0-0	0.8362	0	10	
Silver	U	2.4	0	0	0	0-0	0.05595	0	10	

The following samples were analyzed in this batch: 0609209-07A 0609209-09A

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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: 0609209

Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19786** Instrument ID **SV-2** Method: **SW8270**

MBLK Sample ID: **SBLKS1-060916** Units: **µg/Kg** Analysis Date: **09/19/06 17:55**

Client ID: Run ID: **SV-2_060919A** SeqNo: **953027** Prep Date: **9/16/2006** 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	330								
1,2-Dichlorobenzene	U	330								
1,3-Dichlorobenzene	U	330								
1,4-Dichlorobenzene	U	330								
2,4,5-Trichlorophenol	U	330								
2,4,6-Trichlorophenol	U	330								
2,4-Dichlorophenol	U	330								
2,4-Dimethylphenol	U	330								
2,4-Dinitrophenol	U	330								
2,4-Dinitrotoluene	U	330								
2,6-Dinitrotoluene	U	330								
2-Chloronaphthalene	U	330								
2-Chlorophenol	U	330								
2-Methylnaphthalene	U	330								
2-Methylphenol	U	330								
2-Nitroaniline	U	330								
2-Nitrophenol	U	330								
3&4-Methylphenol	U	330								
3,3'-Dichlorobenzidine	U	330								
3-Nitroaniline	U	330								
4,6-Dinitro-2-methylphenol	U	330								
4-Bromophenyl phenyl ether	U	330								
4-Chloro-3-methylphenol	U	330								
4-Chloroaniline	U	330								
4-Chlorophenyl phenyl ether	U	330								
4-Nitroaniline	U	330								
4-Nitrophenol	U	330								
Acenaphthene	U	330								
Acenaphthylene	U	330								
Anthracene	U	330								
Benz(a)anthracene	U	330								
Benzo(a)pyrene	U	330								
Benzo(b)fluoranthene	U	330								
Benzo(g,h,i)perylene	U	330								
Benzo(k)fluoranthene	U	330								
Bis(2-chloroethoxy)methane	U	330								
Bis(2-chloroethyl)ether	U	330								
Bis(2-chloroisopropyl)ether	U	330								
Bis(2-ethylhexyl)phthalate	U	330								
Butyl benzyl phthalate	U	330								

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E - Value above quantitation range

Batch ID: **19786**	Instrument ID **SV-2**			Method: **SW8270**			
Carbazole	U	330					
Chrysene	U	330					
Di-n-butyl phthalate	U	330					
Di-n-octyl phthalate	U	330					
Dibenz(a,h)anthracene	U	330					
Dibenzofuran	U	330					
Diethyl phthalate	U	330					
Dimethyl phthalate	U	330					
Fluoranthene	U	330					
Fluorene	U	330					
Hexachlorobenzene	U	330					
Hexachlorobutadiene	U	330					
Hexachlorocyclopentadiene	U	330					
Hexachloroethane	U	330					
Indeno(1,2,3-cd)pyrene	U	330					
Isophorone	U	330					
N-Nitrosodi-n-propylamine	U	330					
N-Nitrosodiphenylamine	U	330					
Naphthalene	U	330					
Nitrobenzene	U	330					
Pentachlorophenol	U	330					
Phenanthrene	U	330					
Phenol	U	330					
Pyrene	U	330					
Surr: 2,4,6-Tribromophenol	*3127*	330	*3333*	0	*93.8*	*40-133*	0
Surr: 2-Fluorobiphenyl	*3389*	330	*3333*	0	*102*	*34-122*	0
Surr: 2-Fluorophenol	*3016*	330	*3333*	0	*90.5*	*25-115*	0
Surr: 4-Terphenyl-d14	*3708*	330	*3333*	0	*111*	*33-125*	0
Surr: Nitrobenzene-d5	*3328*	330	*3333*	0	*99.8*	*39-120*	0
Surr: Phenol-d6	*3130*	330	*3333*	0	*93.9*	*20-115*	0

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609209

Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19786** Instrument ID **SV-2** Method: **SW8270**

LCS Sample ID: **SLCSS1-060916** Units: **µg/Kg** Analysis Date: **09/19/06 18:21**

Client ID: Run ID: **SV-2_060919A** SeqNo: **953028** Prep Date: **9/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1323	330	1667	0	79.4	60.6-115	0			
1,2-Dichlorobenzene	1276	330	1667	0	76.6	59.9-115	0			
1,3-Dichlorobenzene	1259	330	1667	0	75.5	55.5-115	0			
1,4-Dichlorobenzene	1263	330	1667	0	75.8	57.4-115	0			
2,4,5-Trichlorophenol	2555	330	3333	0	76.7	63.1-115	0			
2,4,6-Trichlorophenol	2631	330	3333	0	78.9	58.8-115	0			
2,4-Dichlorophenol	2661	330	3333	0	79.8	63.2-115	0			
2,4-Dimethylphenol	2577	330	3333	0	77.3	59.8-115	0			
2,4-Dinitrophenol	2503	330	3333	0	75.1	20-115	0			
2,4-Dinitrotoluene	1292	330	1667	0	77.5	63.1-115	0			
2,6-Dinitrotoluene	1321	330	1667	0	79.3	63.5-115	0			
2-Chloronaphthalene	1339	330	1667	0	80.3	60.7-115	0			
2-Chlorophenol	2595	330	3333	0	77.8	61.2-115	0			
2-Methylnaphthalene	1303	330	1667	0	78.2	51.8-115	0			
2-Methylphenol	2619	330	3333	0	78.6	61.8-115	0			
2-Nitroaniline	1321	330	1667	0	79.3	59.9-115	0			
2-Nitrophenol	2620	330	3333	0	78.6	58.6-115	0			
3&4-Methylphenol	3988	330	5000	0	79.8	61.3-115	0			
3,3'-Dichlorobenzidine	1300	330	1667	0	78	35.3-115	0			
3-Nitroaniline	1325	330	1667	0	79.5	45.3-115	0			
4,6-Dinitro-2-methylphenol	2679	330	3333	0	80.4	36.2-115	0			
4-Bromophenyl phenyl ether	1306	330	1667	0	78.3	62.6-115	0			
4-Chloro-3-methylphenol	2688	330	3333	0	80.6	62-115	0			
4-Chloroaniline	1226	330	1667	0	73.6	43.4-115	0			
4-Chlorophenyl phenyl ether	1303	330	1667	0	78.2	62.8-115	0			
4-Nitroaniline	1247	330	1667	0	74.8	53.3-115	0			
4-Nitrophenol	2504	330	3333	0	75.1	48.3-117	0			
Acenaphthene	1302	330	1667	0	78.1	61.6-115	0			
Acenaphthylene	1320	330	1667	0	79.2	61.6-115	0			
Anthracene	1312	330	1667	0	78.7	64.3-115	0			
Benz(a)anthracene	1315	330	1667	0	78.9	61.8-115	0			
Benzo(a)pyrene	1327	330	1667	0	79.6	55.1-121	0			
Benzo(b)fluoranthene	1308	330	1667	0	78.5	48.1-115	0			
Benzo(g,h,i)perylene	1364	330	1667	0	81.8	49-125	0			
Benzo(k)fluoranthene	1374	330	1667	0	82.5	40-115	0			
Bis(2-chloroethoxy)methane	1298	330	1667	0	77.9	61.8-115	0			
Bis(2-chloroethyl)ether	1199	330	1667	0	71.9	58.3-115	0			
Bis(2-chloroisopropyl)ether	1302	330	1667	0	78.1	50.3-115	0			
Bis(2-ethylhexyl)phthalate	1339	330	1667	0	80.4	57.7-132	0			
Butyl benzyl phthalate	1323	330	1667	0	79.4	60.9-117	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

Batch ID: **19786**	Instrument ID **SV-2**		Method: **SW8270**				
Carbazole	1327	330	1667	0	79.6	65.6-115	0
Chrysene	1341	330	1667	0	80.5	60.5-115	0
Di-n-butyl phthalate	1346	330	1667	0	80.7	65.6-119	0
Di-n-octyl phthalate	1372	330	1667	0	82.3	52.8-135	0
Dibenz(a,h)anthracene	1366	330	1667	0	82	40-125	0
Dibenzofuran	1326	330	1667	0	79.6	63.9-115	0
Diethyl phthalate	1339	330	1667	0	80.3	62.7-115	0
Dimethyl phthalate	1327	330	1667	0	79.6	64.6-115	0
Fluoranthene	1309	330	1667	0	78.5	60.7-115	0
Fluorene	1316	330	1667	0	78.9	62.9-115	0
Hexachlorobenzene	1307	330	1667	0	78.4	63.6-115	0
Hexachlorobutadiene	1272	330	1667	0	76.3	57.7-115	0
Hexachlorocyclopentadiene	1103	330	1667	0	66.2	47.7-115	0
Hexachloroethane	1297	330	1667	0	77.8	58.4-115	0
Indeno(1,2,3-cd)pyrene	1308	330	1667	0	78.5	47.6-115	0
Isophorone	1325	330	1667	0	79.5	48-142	0
N-Nitrosodi-n-propylamine	1313	330	1667	0	78.8	59.8-115	0
N-Nitrosodiphenylamine	1341	330	1667	0	80.4	41.4-115	0
Naphthalene	1310	330	1667	0	78.6	66.3-130	0
Nitrobenzene	1339	330	1667	0	80.3	58.9-115	0
Pentachlorophenol	2483	330	3333	0	74.5	45.8-119	0
Phenanthrene	1322	330	1667	0	79.3	64.5-115	0
Phenol	2605	330	3333	0	78.1	57.2-115	0
Pyrene	1349	330	1667	0	80.9	61.6-115	0
Surr: 2,4,6-Tribromophenol	*2495*	330	*3333*	0	*74.9*	*40-133*	0
Surr: 2-Fluorobiphenyl	*2611*	330	*3333*	0	*78.3*	*34-122*	0
Surr: 2-Fluorophenol	*2434*	330	*3333*	0	*73*	*25-115*	0
Surr: 4-Terphenyl-d14	*2688*	330	*3333*	0	*80.6*	*33-125*	0
Surr: Nitrobenzene-d5	*2583*	330	*3333*	0	*77.5*	*39-120*	0
Surr: Phenol-d6	*2500*	330	*3333*	0	*75*	*20-115*	0

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609209

Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19786** Instrument ID **SV-2** Method: **SW8270**

MS Sample ID: **0609209-04AMS** Units: **µg/Kg** Analysis Date: **09/19/06 19:12**

Client ID: **MW-4 (47-48)** Run ID: **SV-2_060919A** SeqNo: **953029** Prep Date: **9/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1206	330	1667	0	72.3	60.6-115	0			
1,2-Dichlorobenzene	1087	330	1667	0	65.2	59.9-115	0			
1,3-Dichlorobenzene	1060	330	1667	0	63.6	55.5-115	0			
1,4-Dichlorobenzene	1079	330	1667	0	64.7	57.4-115	0			
2,4,5-Trichlorophenol	2451	330	3333	0	73.5	63.1-115	0			
2,4,6-Trichlorophenol	2556	330	3333	0	76.7	58.8-115	0			
2,4-Dichlorophenol	2444	330	3333	0	73.3	63.2-115	0			
2,4-Dimethylphenol	2416	330	3333	0	72.5	59.8-115	0			
2,4-Dinitrophenol	281.9	330	3333	0	8.46	20-115	0			JS
2,4-Dinitrotoluene	1317	330	1667	0	79	63.1-115	0			
2,6-Dinitrotoluene	1322	330	1667	0	79.3	63.5-115	0			
2-Chloronaphthalene	1224	330	1667	0	73.4	60.7-115	0			
2-Chlorophenol	2226	330	3333	0	66.8	61.2-115	0			
2-Methylnaphthalene	1219	330	1667	0	73.1	51.8-115	0			
2-Methylphenol	2291	330	3333	0	68.7	61.8-115	0			
2-Nitroaniline	1292	330	1667	0	77.5	59.9-115	0			
2-Nitrophenol	2340	330	3333	0	70.2	58.6-115	0			
3&4-Methylphenol	3467	330	5000	0	69.3	61.3-115	0			
3,3'-Dichlorobenzidine	1049	330	1667	0	62.9	35.3-115	0			
3-Nitroaniline	1297	330	1667	0	77.8	45.3-115	0			
4,6-Dinitro-2-methylphenol	595	330	3333	0	17.9	36.2-115	0			S
4-Bromophenyl phenyl ether	1340	330	1667	0	80.4	62.6-115	0			
4-Chloro-3-methylphenol	2569	330	3333	0	77.1	62-115	0			
4-Chloroaniline	792.3	330	1667	0	47.5	43.4-115	0			
4-Chlorophenyl phenyl ether	1274	330	1667	0	76.4	62.8-115	0			
4-Nitroaniline	1258	330	1667	0	75.5	53.3-115	0			
4-Nitrophenol	2352	330	3333	0	70.6	48.3-117	0			
Acenaphthene	1269	330	1667	0	76.1	61.6-115	0			
Acenaphthylene	1259	330	1667	0	75.5	61.6-115	0			
Anthracene	1343	330	1667	0	80.6	64.3-115	0			
Benz(a)anthracene	1379	330	1667	0	82.8	61.8-115	0			
Benzo(a)pyrene	1402	330	1667	0	84.1	55.1-121	0			
Benzo(b)fluoranthene	1354	330	1667	0	81.2	48.1-115	0			
Benzo(g,h,i)perylene	1417	330	1667	0	85	49-125	0			
Benzo(k)fluoranthene	1421	330	1667	0	85.3	40-115	0			
Bis(2-chloroethoxy)methane	1250	330	1667	0	75	61.8-115	0			
Bis(2-chloroethyl)ether	1099	330	1667	0	65.9	58.3-115	0			
Bis(2-chloroisopropyl)ether	1126	330	1667	0	67.6	50.3-115	0			
Bis(2-ethylhexyl)phthalate	1445	330	1667	0	86.7	57.7-132	0			
Butyl benzyl phthalate	1420	330	1667	0	85.2	60.9-117	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

Batch ID: **19786**	Instrument ID **SV-2**		Method: **SW8270**					
Carbazole	1376	330	1667	0	82.6	65.6-115	0	
Chrysene	1389	330	1667	0	83.3	60.5-115	0	
Di-n-butyl phthalate	1461	330	1667	0	87.6	65.6-119	0	
Di-n-octyl phthalate	1400	330	1667	0	84	52.8-135	0	
Dibenz(a,h)anthracene	1417	330	1667	0	85	40-125	0	
Dibenzofuran	1297	330	1667	0	77.8	63.9-115	0	
Diethyl phthalate	1368	330	1667	0	82.1	62.7-115	0	
Dimethyl phthalate	1324	330	1667	0	79.4	64.6-115	0	
Fluoranthene	1373	330	1667	0	82.4	60.7-115	0	
Fluorene	1292	330	1667	0	77.5	62.9-115	0	
Hexachlorobenzene	1324	330	1667	0	79.4	63.6-115	0	
Hexachlorobutadiene	1185	330	1667	0	71.1	57.7-115	0	
Hexachlorocyclopentadiene	1134	330	1667	0	68	47.7-115	0	
Hexachloroethane	1085	330	1667	0	65.1	58.4-115	0	
Indeno(1,2,3-cd)pyrene	1357	330	1667	0	81.4	47.6-115	0	
Isophorone	1217	330	1667	0	73	48-142	0	
N-Nitrosodi-n-propylamine	1154	330	1667	0	69.2	59.8-115	0	
N-Nitrosodiphenylamine	1356	330	1667	0	81.4	41.4-115	0	
Naphthalene	1194	330	1667	0	71.7	66.3-130	0	
Nitrobenzene	1190	330	1667	0	71.4	58.9-115	0	
Pentachlorophenol	1525	330	3333	0	45.8	45.8-119	0	S
Phenanthrene	1369	330	1667	0	82.1	64.5-115	0	
Phenol	2238	330	3333	0	67.1	57.2-115	0	
Pyrene	1403	330	1667	0	84.2	61.6-115	0	
Surr: 2,4,6-Tribromophenol	*2564*	330	*3333*	0	*76.9*	*40-133*	0	
Surr: 2-Fluorobiphenyl	*2521*	330	*3333*	0	*75.6*	*34-122*	0	
Surr: 2-Fluorophenol	*2106*	330	*3333*	0	*63.2*	*25-115*	0	
Surr: 4-Terphenyl-d14	*2824*	330	*3333*	0	*84.7*	*33-125*	0	
Surr: Nitrobenzene-d5	*2414*	330	*3333*	0	*72.4*	*39-120*	0	
Surr: Phenol-d6	*2225*	330	*3333*	0	*66.8*	*20-115*	0	

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19786** Instrument ID **SV-2** Method: **SW8270**

MSD Sample ID: **0609209-04AMSD** Units: **µg/Kg** Analysis Date: **09/19/06 19:38**

Client ID: **MW-4 (47-48)** Run ID: **SV-2_060919A** SeqNo: **953030** Prep Date: **9/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1178	330	1667	0	70.7	60.6-115	1206	2.32	30	
1,2-Dichlorobenzene	1103	330	1667	0	66.2	59.9-115	1087	1.39	30	
1,3-Dichlorobenzene	1077	330	1667	0	64.6	55.5-115	1060	1.67	30	
1,4-Dichlorobenzene	1090	330	1667	0	65.4	57.4-115	1079	1.06	30	
2,4,5-Trichlorophenol	2461	330	3333	0	73.8	63.1-115	2451	0.407	30	
2,4,6-Trichlorophenol	2571	330	3333	0	77.1	58.8-115	2556	0.595	30	
2,4-Dichlorophenol	2465	330	3333	0	74	63.2-115	2444	0.845	30	
2,4-Dimethylphenol	2494	330	3333	0	74.8	59.8-115	2416	3.18	30	
2,4-Dinitrophenol	250.6	330	3333	0	7.52	20-115	281.9	0	30	JS
2,4-Dinitrotoluene	1344	330	1667	0	80.7	63.1-115	1317	2.06	30	
2,6-Dinitrotoluene	1314	330	1667	0	78.8	63.5-115	1322	0.633	30	
2-Chloronaphthalene	1261	330	1667	0	75.6	60.7-115	1224	2.98	30	
2-Chlorophenol	2297	330	3333	0	68.9	61.2-115	2226	3.12	30	
2-Methylnaphthalene	1199	330	1667	0	72	51.8-115	1219	1.61	30	
2-Methylphenol	2397	330	3333	0	71.9	61.8-115	2291	4.53	30	
2-Nitroaniline	1311	330	1667	0	78.7	59.9-115	1292	1.49	30	
2-Nitrophenol	2366	330	3333	0	71	58.6-115	2340	1.11	30	
3&4-Methylphenol	3620	330	5000	0	72.4	61.3-115	3467	4.32	30	
3,3'-Dichlorobenzidine	1037	330	1667	0	62.2	35.3-115	1049	1.19	30	
3-Nitroaniline	1322	330	1667	0	79.3	45.3-115	1297	1.88	30	
4,6-Dinitro-2-methylphenol	547.2	330	3333	0	16.4	36.2-115	595	8.38	30	S
4-Bromophenyl phenyl ether	1323	330	1667	0	79.4	62.6-115	1340	1.27	30	
4-Chloro-3-methylphenol	2581	330	3333	0	77.4	62-115	2569	0.485	30	
4-Chloroaniline	828.6	330	1667	0	49.7	43.4-115	792.3	4.48	30	
4-Chlorophenyl phenyl ether	1296	330	1667	0	77.8	62.8-115	1274	1.75	30	
4-Nitroaniline	1298	330	1667	0	77.9	53.3-115	1258	3.17	30	
4-Nitrophenol	2542	330	3333	0	76.3	48.3-117	2352	7.76	30	
Acenaphthene	1263	330	1667	0	75.8	61.6-115	1269	0.432	30	
Acenaphthylene	1266	330	1667	0	76	61.6-115	1259	0.618	30	
Anthracene	1335	330	1667	0	80.1	64.3-115	1343	0.627	30	
Benz(a)anthracene	1408	330	1667	0	84.5	61.8-115	1379	2.02	30	
Benzo(a)pyrene	1383	330	1667	0	83	55.1-121	1402	1.37	30	
Benzo(b)fluoranthene	1346	330	1667	0	80.7	48.1-115	1354	0.587	30	
Benzo(g,h,i)perylene	1415	330	1667	0	84.9	49-125	1417	0.152	30	
Benzo(k)fluoranthene	1408	330	1667	0	84.5	40-115	1421	0.938	30	
Bis(2-chloroethoxy)methane	1215	330	1667	0	72.9	61.8-115	1250	2.8	30	
Bis(2-chloroethyl)ether	1106	330	1667	0	66.3	58.3-115	1099	0.606	30	
Bis(2-chloroisopropyl)ether	1138	330	1667	0	68.3	50.3-115	1126	1.04	30	
Bis(2-ethylhexyl)phthalate	1442	330	1667	0	86.5	57.7-132	1445	0.152	30	
Butyl benzyl phthalate	1439	330	1667	0	86.3	60.9-117	1420	1.35	30	

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: 0609209

Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **19786** Instrument ID **SV-2** Method: **SW8270**

Carbazole	1377	330	1667	0	82.6	65.6-115	1376	0.087	30
Chrysene	1411	330	1667	0	84.6	60.5-115	1389	1.57	30
Di-n-butyl phthalate	1469	330	1667	0	88.1	65.6-119	1461	0.566	30
Di-n-octyl phthalate	1380	330	1667	0	82.8	52.8-135	1400	1.39	30
Dibenz(a,h)anthracene	1409	330	1667	0	84.6	40-125	1417	0.524	30
Dibenzofuran	1304	330	1667	0	78.3	63.9-115	1297	0.596	30
Diethyl phthalate	1379	330	1667	0	82.7	62.7-115	1368	0.762	30
Dimethyl phthalate	1353	330	1667	0	81.2	64.6-115	1324	2.16	30
Fluoranthene	1391	330	1667	0	83.5	60.7-115	1373	1.3	30
Fluorene	1313	330	1667	0	78.8	62.9-115	1292	1.66	30
Hexachlorobenzene	1325	330	1667	0	79.5	63.6-115	1324	0.0629	30
Hexachlorobutadiene	1167	330	1667	0	70	57.7-115	1185	1.5	30
Hexachlorocyclopentadiene	1110	330	1667	0	66.6	47.7-115	1134	2.18	30
Hexachloroethane	1070	330	1667	0	64.2	58.4-115	1085	1.36	30
Indeno(1,2,3-cd)pyrene	1353	330	1667	0	81.2	47.6-115	1357	0.244	30
Isophorone	1223	330	1667	0	73.4	48-142	1217	0.482	30
N-Nitrosodi-n-propylamine	1195	330	1667	0	71.7	59.8-115	1154	3.49	30
N-Nitrosodiphenylamine	1336	330	1667	0	80.2	41.4-115	1356	1.45	30
Naphthalene	1207	330	1667	0	72.4	66.3-130	1194	1.06	30
Nitrobenzene	1222	330	1667	0	73.3	58.9-115	1190	2.64	30
Pentachlorophenol	1737	330	3333	0	52.1	45.8-119	1525	13	30
Phenanthrene	1350	330	1667	0	81	64.5-115	1369	1.41	30
Phenol	2307	330	3333	0	69.2	57.2-115	2238	3.02	30
Pyrene	1395	330	1667	0	83.7	61.6-115	1403	0.551	30
Surr: 2,4,6-Tribromophenol	*2503*	330	*3333*	0	*75.1*	*40-133*	2564	*2.37*	*30*
Surr: 2-Fluorobiphenyl	*2484*	330	*3333*	0	*74.5*	*34-122*	2521	*1.48*	*30*
Surr: 2-Fluorophenol	*2143*	330	*3333*	0	*64.3*	*25-115*	2106	*1.73*	*30*
Surr: 4-Terphenyl-d14	*2815*	330	*3333*	0	*84.4*	*33-125*	2824	*0.319*	*30*
Surr: Nitrobenzene-d5	*2360*	330	*3333*	0	*70.8*	*39-120*	2414	*2.25*	*30*
Surr: Phenol-d6	*2277*	330	*3333*	0	*68.3*	*20-115*	2225	*2.32*	*30*

The following samples were analyzed in this batch: 0609209-02A 0609209-04A 0609209-05C 0609209-06C

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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41909** Instrument ID **VOA4** Method: **SW8260**

MBLK Sample ID: **VBLKSS-092006** Units: **µg/Kg** Analysis Date: **09/20/06 18:27**

Client ID: Run ID: **VOA4_060920A** SeqNo: **954146** 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	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
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
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: **R41909**	Instrument ID **VOA4**			Method: **SW8260**			
Vinyl chloride	U	2.0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	*45.45*	0	*50*	0	*90.9*	*70-128*	0
Surr: 4-Bromofluorobenzene	*44.72*	0	*50*	0	*89.4*	*73-126*	0
Surr: Dibromofluoromethane	*43.86*	0	*50*	0	*87.7*	*71-128*	0
Surr: Toluene-d8	*46.79*	0	*50*	0	*93.6*	*73-127*	0

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41909** Instrument ID **VOA4** Method: **SW8260**

LCS Sample ID: **VLCSS-092006** Units: **µg/Kg** Analysis Date: **09/20/06 17:44**

Client ID: Run ID: **VOA4_060920A** SeqNo: **954145** 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	53.81	5.0	50	0	108	75.6-123	0			
1,1,2,2-Tetrachloroethane	58.91	5.0	50	0	118	75.1-120	0			
1,1,2-Trichloroethane	54.62	5.0	50	0	109	72.8-120	0			
1,1-Dichloroethane	52.26	5.0	50	0	105	75.3-121	0			
1,1-Dichloroethene	52.62	5.0	50	0	105	78-120	0			
1,2,4-Trimethylbenzene	52.92	5.0	50	0	106	78.9-120	0			
1,2-Dichloroethane	52.52	5.0	50	0	105	70.6-128	0			
1,2-Dichloropropane	53.1	5.0	50	0	106	79.4-120	0			
1,3,5-Trimethylbenzene	53.4	5.0	50	0	107	78.9-122	0			
2-Butanone	127.4	10	100	0	127	54.8-130	0			
2-Hexanone	130	10	100	0	130	58.1-127	0			S
4-Methyl-2-pentanone	129.5	10	100	0	129	67.6-120	0			S
Acetone	114.9	20	100	0	115	53.4-132	0			
Benzene	52.18	5.0	50	0	104	80-121	0			
Bromodichloromethane	51.85	5.0	50	0	104	73.5-120	0			
Bromoform	56.27	5.0	50	0	113	76.9-120	0			
Bromomethane	50.96	10	50	0	102	58.9-132	0			
Carbon disulfide	109.1	10	100	0	109	75.6-121	0			
Carbon tetrachloride	54	5.0	50	0	108	71.8-130	0			
Chlorobenzene	52.67	5.0	50	0	105	80-120	0			
Chloroethane	51.49	10	50	0	103	62.5-135	0			
Chloroform	52.75	5.0	50	0	105	74.5-120	0			
Chloromethane	50.21	10	50	0	100	62.8-129	0			
cis-1,2-Dichloroethene	51.33	5.0	50	0	103	76.4-121	0			
cis-1,3-Dichloropropene	52.15	5.0	50	0	104	72.7-120	0			
Dibromochloromethane	52.53	5.0	50	0	105	71.5-120	0			
Ethylbenzene	53.04	5.0	50	0	106	79.9-122	0			
m,p-Xylene	105	10	100	0	105	79.6-125	0			
Methyl tert-butyl ether	56.51	5.0	50	0	113	73.7-120	0			
Methylene chloride	51.03	10	50	0	102	61.4-120	0			
n-Butylbenzene	53.92	5.0	50	0	108	78-124	0			
Naphthalene	56.36	5.0	50	0	113	73.6-129	0			
o-Xylene	52.72	5.0	50	0	105	79.4-122	0			
sec-Butylbenzene	53.88	5.0	50	0	108	78.5-120	0			
Styrene	55.56	5.0	50	0	111	79.6-123	0			
Tetrachloroethene	52.92	5.0	50	0	106	79.5-125	0			
Toluene	51.98	5.0	50	0	104	79.1-123	0			
trans-1,2-Dichloroethene	52.61	5.0	50	0	105	76.3-124	0			
trans-1,3-Dichloropropene	54.78	5.0	50	0	110	65-127	0			
Trichloroethene	52.11	5.0	50	0	104	77.1-121	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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41909**	Instrument ID **VOA4**		Method: **SW8260**				
Vinyl chloride	53.6	2.0	50	0	107	66.1-129	0
Xylenes, Total	157.7	15	150	0	105	79.4-125	0
Surr: 1,2-Dichloroethane-d4	*46.1*	0	*50*	0	*92.2*	*70-128*	0
Surr: 4-Bromofluorobenzene	*47.53*	0	*50*	0	*95.1*	*73-126*	0
Surr: Dibromofluoromethane	*46.67*	0	*50*	0	*93.3*	*71-128*	0
Surr: Toluene-d8	*47.6*	0	*50*	0	*95.2*	*73-127*	0

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41909** Instrument ID **VOA4** Method: **SW8260**

MS Sample ID: **0609209-04AMS** Units: **µg/Kg** Analysis Date: **09/20/06 19:10**

Client ID: **MW-4 (47-48)** Run ID: **VOA4_060920A** SeqNo: **954148** 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	50.94	5.0	50	0	102	75.6-123	0			
1,1,2,2-Tetrachloroethane	58.96	5.0	50	0	118	75.1-120	0			
1,1,2-Trichloroethane	53.21	5.0	50	0	106	72.8-120	0			
1,1-Dichloroethane	50.45	5.0	50	0	101	75.3-121	0			
1,1-Dichloroethene	49.92	5.0	50	0	99.8	78-120	0			
1,2,4-Trimethylbenzene	52.05	5.0	50	0	104	78.9-120	0			
1,2-Dichloroethane	49.52	5.0	50	0	99	70.6-128	0			
1,2-Dichloropropane	49.49	5.0	50	0	99	79.4-120	0			
1,3,5-Trimethylbenzene	51.52	5.0	50	0	103	78.9-122	0			
2-Butanone	118.6	10	100	0	119	54.8-130	0			
2-Hexanone	136.4	10	100	0	136	58.1-127	0			S
4-Methyl-2-pentanone	125.2	10	100	0	125	67.6-120	0			S
Acetone	122	20	100	0	122	53.4-132	0			
Benzene	48.65	5.0	50	0	97.3	80-121	0			
Bromodichloromethane	48.97	5.0	50	0	97.9	73.5-120	0			
Bromoform	57.35	5.0	50	0	115	76.9-120	0			
Bromomethane	52.19	10	50	0	104	58.9-132	0			
Carbon disulfide	103.2	10	100	0	103	75.6-121	0			
Carbon tetrachloride	50.9	5.0	50	0	102	71.8-130	0			
Chlorobenzene	49.95	5.0	50	0	99.9	80-120	0			
Chloroethane	49.5	10	50	0	99	62.5-135	0			
Chloroform	50.62	5.0	50	0	101	74.5-120	0			
Chloromethane	49.76	10	50	0	99.5	62.8-129	0			
cis-1,2-Dichloroethene	50.44	5.0	50	0	101	76.4-121	0			
cis-1,3-Dichloropropene	48.34	5.0	50	0	96.7	72.7-120	0			
Dibromochloromethane	49.04	5.0	50	0	98.1	71.5-120	0			
Ethylbenzene	50.29	5.0	50	0	101	79.9-122	0			
m,p-Xylene	99.35	10	100	0	99.3	79.6-125	0			
Methyl tert-butyl ether	51.41	5.0	50	0	103	73.7-120	0			
Methylene chloride	51.77	10	50	0	104	61.4-120	0			
n-Butylbenzene	51.52	5.0	50	0	103	78-124	0			
Naphthalene	58.58	5.0	50	0	117	73.6-129	0			
o-Xylene	50.44	5.0	50	0	101	79.4-122	0			
sec-Butylbenzene	52.62	5.0	50	0	105	78.5-120	0			
Styrene	53.13	5.0	50	0	106	79.6-123	0			
Tetrachloroethene	49.01	5.0	50	0	98	79.5-125	0			
Toluene	48.04	5.0	50	0	96.1	79.1-123	0			
trans-1,2-Dichloroethene	49.56	5.0	50	0	99.1	76.3-124	0			
trans-1,3-Dichloropropene	50.95	5.0	50	0	102	65-127	0			
Trichloroethene	53.06	5.0	50	0	106	77.1-121	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

Batch ID: **R41909**	Instrument ID **VOA4**		Method: **SW8260**				
Vinyl chloride	50.82	2.0	50	0	102	66.1-129	0
Xylenes, Total	149.8	15	150	0	99.9	79.4-125	0
Surr: 1,2-Dichloroethane-d4	*46.16*	0	*50*	0	*92.3*	*70-128*	0
Surr: 4-Bromofluorobenzene	*46.32*	0	*50*	0	*92.6*	*73-126*	0
Surr: Dibromofluoromethane	*47.03*	0	*50*	0	*94.1*	*71-128*	0
Surr: Toluene-d8	*47*	0	*50*	0	*94*	*73-127*	0

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41909** Instrument ID **VOA4** Method: **SW8260**

MSD Sample ID: **0609209-04AMSD** Units: **µg/Kg** Analysis Date: **09/20/06 19:31**

Client ID: **MW-4 (47-48)** Run ID: **VOA4_060920A** SeqNo: **954149** 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	45.14	5.0	50	0	90.3	75.6-123	50.94	12.1	30	
1,1,2,2-Tetrachloroethane	40.64	5.0	50	0	81.3	75.1-120	58.96	36.8	30	R
1,1,2-Trichloroethane	40.44	5.0	50	0	80.9	72.8-120	53.21	27.3	30	
1,1-Dichloroethane	42.65	5.0	50	0	85.3	75.3-121	50.45	16.8	30	
1,1-Dichloroethene	43.87	5.0	50	0	87.7	78-120	49.92	12.9	30	
1,2,4-Trimethylbenzene	40.89	5.0	50	0	81.8	78.9-120	52.05	24	30	
1,2-Dichloroethane	40.18	5.0	50	0	80.4	70.6-128	49.52	20.8	30	
1,2-Dichloropropane	41.46	5.0	50	0	82.9	79.4-120	49.49	17.6	30	
1,3,5-Trimethylbenzene	42.1	5.0	50	0	84.2	78.9-122	51.52	20.1	30	
2-Butanone	83.86	10	100	0	83.9	54.8-130	118.6	34.3	30	R
2-Hexanone	87.92	10	100	0	87.9	58.1-127	136.4	43.2	30	R
4-Methyl-2-pentanone	85.55	10	100	0	85.6	67.6-120	125.2	37.6	30	R
Acetone	90.79	20	100	0	90.8	53.4-132	122	29.4	30	
Benzene	41.1	5.0	50	0	82.2	80-121	48.65	16.8	30	
Bromodichloromethane	40.48	5.0	50	0	81	73.5-120	48.97	19	30	
Bromoform	40.02	5.0	50	0	80	76.9-120	57.35	35.6	30	R
Bromomethane	44.76	10	50	0	89.5	58.9-132	52.19	15.3	30	
Carbon disulfide	89.75	10	100	0	89.7	75.6-121	103.2	13.9	30	
Carbon tetrachloride	44.43	5.0	50	0	88.9	71.8-130	50.9	13.6	30	
Chlorobenzene	40.57	5.0	50	0	81.1	80-120	49.95	20.7	30	
Chloroethane	44.19	10	50	0	88.4	62.5-135	49.5	11.3	30	
Chloroform	42.86	5.0	50	0	85.7	74.5-120	50.62	16.6	30	
Chloromethane	43.08	10	50	0	86.2	62.8-129	49.76	14.4	30	
cis-1,2-Dichloroethene	42.88	5.0	50	0	85.8	76.4-121	50.44	16.2	30	
cis-1,3-Dichloropropene	40.2	5.0	50	0	80.4	72.7-120	48.34	18.4	30	
Dibromochloromethane	41.85	5.0	50	0	83.7	71.5-120	49.04	15.8	30	
Ethylbenzene	41.78	5.0	50	0	83.6	79.9-122	50.29	18.5	30	
m,p-Xylene	81.02	10	100	0	81	79.6-125	99.35	20.3	30	
Methyl tert-butyl ether	41.81	5.0	50	0	83.6	73.7-120	51.41	20.6	30	
Methylene chloride	50.39	10	50	0	101	61.4-120	51.77	2.7	30	
n-Butylbenzene	40.99	5.0	50	0	82	78-124	51.52	22.8	30	
Naphthalene	39.18	5.0	50	0	78.4	73.6-129	58.58	39.7	30	R
o-Xylene	40.93	5.0	50	0	81.9	79.4-122	50.44	20.8	30	
sec-Butylbenzene	42.97	5.0	50	0	85.9	78.5-120	52.62	20.2	30	
Styrene	41.8	5.0	50	0	83.6	79.6-123	53.13	23.9	30	
Tetrachloroethene	41.8	5.0	50	0	83.6	79.5-125	49.01	15.9	30	
Toluene	41.15	5.0	50	0	82.3	79.1-123	48.04	15.5	30	
trans-1,2-Dichloroethene	41.98	5.0	50	0	84	76.3-124	49.56	16.6	30	
trans-1,3-Dichloropropene	40.77	5.0	50	0	81.5	65-127	50.95	22.2	30	
Trichloroethene	42.95	5.0	50	0	85.9	77.1-121	53.06	21.1	30	

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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41909**	Instrument ID **VOA4**		Method: **SW8260**						
Vinyl chloride	44.53	2.0	50	0	89.1	66.1-129	50.82	13.2	30
Xylenes, Total	121.9	15	150	0	81.3	79.4-125	149.8	20.5	30
Surr: 1,2-Dichloroethane-d4	*45.52*	0	*50*	0	*91*	*70-128*	46.16	*1.39*	*30*
Surr: 4-Bromofluorobenzene	*45.23*	0	*50*	0	*90.5*	*73-126*	46.32	*2.39*	*30*
Surr: Dibromofluoromethane	*45.66*	0	*50*	0	*91.3*	*71-128*	47.03	*2.96*	*30*
Surr: Toluene-d8	*45.59*	0	*50*	0	*91.2*	*73-127*	47	*3.06*	*30*

The following samples were analyzed in this batch: 0609209-02A 0609209-04A 0609209-05A 0609209-06A

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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41769** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0609209-04A-DUP** Units: **wt%** Analysis Date: **09/18/06 0:00**

Client ID: **MW-4 (47-48)** Run ID: **BALANCE1_060918E** SeqNo: **951664** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15.57	0.010	0	0	0	0-0	15.67	0.615	20	

DUP Sample ID: **0609228-08A-DUP** Units: **wt%** Analysis Date: **09/18/06 0:00**

Client ID: Run ID: **BALANCE1_060918E** SeqNo: **951702** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	14.71	0.010	0	0	0	0-0	14.91	1.39	20	

The following samples were analyzed in this batch: 0609209-02A 0609209-04A 0609209-05C 0609209-06C

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: 0609209
Project: 92067647/City of Houston-Velasco

QC BATCH REPORT

Batch ID: **R41817** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0609191-11C-DUP** Units: **wt%** Analysis Date: **09/19/06 0:00**

Client ID: Run ID: **BALANCE1_060919B** SeqNo: **952707** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15.92	0.010	0	0	0	0-0	15.98	0.385	20	

DUP Sample ID: **0609215-01C-DUP** Units: **wt%** Analysis Date: **09/19/06 0:00**

Client ID: Run ID: **BALANCE1_060919B** SeqNo: **952718** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.06	0.010	0	0	0	0-0	19.61	2.84	20	

The following samples were analyzed in this batch: 0609209-07A 0609209-09A

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

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Chain of Custody Form

Page 1 of 2

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

e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 0609209

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	City of Houston - Velasco	A	VOC 8260
Work Order		Project Number	92067647	B	TPH (TX 1005)
Company Name	Terracon	Bill-To Company	Terracon	C	SVOC (8270)
Send Report To	Prasad Rajulu	Invoice Attn	SAME	D	Metals (6020) RCRA
Address	11555 Clay Road Houston, Texas 77043	Address	SAME	E	
				F	
City/State/Zip		City/State/Zip		G	
Phone	(713) 690 - 8989	Phone	SAME	H	
Fax	(713) 690 - 8787	Fax		I	
e-Mail Address	prajulu@terracon.com	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 (33-34)	9/13/06	920	Soil	Ice	1											H
2	MW-3 (33-34)		1150			1	X	X	X								
3	MW-4 (2-4)		1400			1											H
4	MW-4 (47-48)		1614			MB 1	X	X	X								
5	MS/MSD		1614			MB 1											
6	MW-5 (31-32)	9/14/06	1450			3	X	X	X								
7	Dup-3		+			3	X	X	X								
8	B-22 (2-4)		1610			1				X							
9	B-22 (15-16)		1618														H
10	B-22 (2-4)		1625							X							

Sampler(s) Please Print & Sign: Sean McFarlane

Shipment Method:

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

Results Due Date:

Relinquished by:	Date: 9/14/06	Time: 1105	Received by:	Notes:
Relinquished by:	Date:	Time:	Received by (Laboratory):	e-Lab Analytical Cooler ID: / Trip Blank Number:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

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

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 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.
10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

Chain of Custody Form

e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 6X09204

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	~~Harris County Courthouse~~ JN VELASCO	A	VOC (8260)
Work Order		Project Number		B	TPH (TX-1005)
Company Name	HBC Terracon	Bill To Company	HBC Terracon	C	~~Herbicides (8151)~~ jpm
Send Report To	~~Scott Kinsey~~ Prasad Rajulu	Invoice Attn	~~Scott Kinsey~~ Prasad Rajulu	D	~~Pesticides (8081)~~ jpm
Address	11555 Clay Road	Address	11555 Clay Road	E	SVOC (8270)
	Suite 100		Suite 100	F	~~Formaldehyde~~ jpm
City/State/Zip	Houston, TX 77043	City/State/Zip	Houston, TX 77043	G	RCRA Metals (6020)
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	B-22 (15-16)	9/14/06	1638	Soil	Ice	1											X
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sample(s) Please Print & Sign: Joshua McFarlane | Shipment Method | Required Turnaround Time: (Check Box) ☐ Std. 10 WK Days ☒ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☑ Other | Results Due Date:

Relinquished by:	Date: 9/14/06	Time: 1705	Received by:	Notes:
Relinquished by:	Date: 9-14-06	Time: 1705	Received by (Laboratory): 9/14/06 1705	e-Lab Analytical Cooler ID: / Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

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

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 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.
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e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name HBC TERRACON | Date/Time Received: 9/14/2006 5:05:00 PM

Work Order Number 0609209 | Received by: RSZ

Checklist completed by RICHARD SANDER 9.15.06 (Signature / Date) | Reviewed by GW 9/19/06 (Initials / Date)

Matrix: 3 | 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):	2.3c	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. Sample container marked MW-3 (2-4) logged in as MW-4 (2-4) per client. Sample marked MW-5 (31-32) on COC logged in as MW-5 (30-31) as is marked on sample container per client.

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 25, 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/N Velasco

Work Order : **0609219**

Dear Prasad Rajulu,

e-Lab Analytical, Inc. received 1 sample on 9/15/2006 1:40:00 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 37.

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

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *September 25, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**TRRP Laboratory Data Package Cover Page**
Project:	92067647/N Velasco	
Work Order:	0609219	

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: 09/25/2006
Project Name: N Velasco	Laboratory Job Number: 0609072
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19858, 19884, R41817 and R41884

#[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				
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
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: 09/25/2006
Project Name: N Velasco	Laboratory Job Number: 0609072
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19858, 19884, R41817 and R41884

#[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: 09/25/2006
Project Name: N Velasco		Laboratory Job Number: 0609072
Reviewer Name: Jeff Croston		Prep Batch Number(s): 19858, 19884, R41817 and R41884
ER #[1]	**DESCRIPTION**	
	No Exceptions.	

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 25, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Project: 92067647/N Velasco
Work Order: **0609219**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0609219-01	MW-6 (43-44)	Soil		9/15/2006 10:32	9/15/2006 13:40	☐

e-Lab Analytical, Inc.

Date: *September 25, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-6 (43-44)
Work Order: 0609219
Collection Date: 9/15/2006 10:32:00 AM
Project: 92067647/N Velasco
Lab ID: 0609219-01
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/18/06		Analyst: **JFT**
nC6 to nC12	U		19	59	mg/Kg-dry	1	9/18/2006
>nC12 to nC28	U		19	59	mg/Kg-dry	1	9/18/2006
>nC28 to nC35	U		19	59	mg/Kg-dry	1	9/18/2006
Total Petroleum Hydrocarbon	U		19	59	mg/Kg-dry	1	9/18/2006
Surr: 2-Fluorobiphenyl	*104*			*70-130*	*%REC*	1	9/18/2006
Surr: Trifluoromethyl benzene	*98.6*			*70-130*	*%REC*	1	9/18/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3541 / 9/19/06		Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
1,2-Dichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
1,3-Dichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
1,4-Dichlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2,4,5-Trichlorophenol	U		0.048	0.39	mg/Kg-dry	1	9/22/2006
2,4,6-Trichlorophenol	U		0.048	0.39	mg/Kg-dry	1	9/22/2006
2,4-Dichlorophenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2,4-Dimethylphenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2,4-Dinitrophenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2,4-Dinitrotoluene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2,6-Dinitrotoluene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2-Chloronaphthalene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2-Chlorophenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2-Methylnaphthalene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2-Methylphenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2-Nitroaniline	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
2-Nitrophenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
3&4-Methylphenol	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
3,3'-Dichlorobenzidine	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
3-Nitroaniline	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
4,6-Dinitro-2-methylphenol	U		0.059	0.39	mg/Kg-dry	1	9/22/2006
4-Bromophenyl phenyl ether	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
4-Chloro-3-methylphenol	U		0.048	0.39	mg/Kg-dry	1	9/22/2006
4-Chloroaniline	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
4-Chlorophenyl phenyl ether	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
4-Nitroaniline	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
4-Nitrophenol	U		0.12	0.39	mg/Kg-dry	1	9/22/2006
Acenaphthene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Acenaphthylene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Anthracene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Benz(a)anthracene	U		0.036	0.39	mg/Kg-dry	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 25, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-6 (43-44)
Work Order: 0609219
Collection Date: 9/15/2006 10:32:00 AM
Project: 92067647/N Velasco
Lab ID: 0609219-01
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Benzo(a)pyrene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Benzo(b)fluoranthene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Benzo(g,h,i)perylene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Benzo(k)fluoranthene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Bis(2-chloroethoxy)methane	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Bis(2-chloroethyl)ether	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Bis(2-chloroisopropyl)ether	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Bis(2-ethylhexyl)phthalate	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Butyl benzyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Carbazole	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Chrysene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Di-n-butyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Di-n-octyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Dibenz(a,h)anthracene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Dibenzofuran	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Diethyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Dimethyl phthalate	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Fluoranthene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Fluorene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Hexachlorobenzene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Hexachlorobutadiene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Hexachlorocyclopentadiene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Hexachloroethane	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Indeno(1,2,3-cd)pyrene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Isophorone	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
N-Nitrosodi-n-propylamine	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
N-Nitrosodiphenylamine	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Naphthalene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Nitrobenzene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Pentachlorophenol	U		0.059	0.39	mg/Kg-dry	1	9/22/2006
Phenanthrene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Phenol	U		0.083	0.39	mg/Kg-dry	1	9/22/2006
Pyrene	U		0.036	0.39	mg/Kg-dry	1	9/22/2006
Surr: 2,4,6-Tribromophenol	*86.2*			*40-133*	*%REC*	1	9/22/2006
Surr: 2-Fluorobiphenyl	*95.8*			*34-122*	*%REC*	1	9/22/2006
Surr: 2-Fluorophenol	*87.0*			*25-115*	*%REC*	1	9/22/2006
Surr: 4-Terphenyl-d14	*107*			*33-125*	*%REC*	1	9/22/2006
Surr: Nitrobenzene-d5	*94.3*			*39-120*	*%REC*	1	9/22/2006
Surr: Phenol-d6	*96.7*			*20-115*	*%REC*	1	9/22/2006

VOLATILES BY GC/MS Method: **SW8260** Analyst: **HLBW**

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 25, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-6 (43-44)
Work Order: 0609219
Collection Date: 9/15/2006 10:32:00 AM
Project: 92067647/N Velasco
Lab ID: 0609219-01
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
1,1,2-Trichloroethane	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethane	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
1,1-Dichloroethene	U		0.0012	0.0059	mg/Kg-dry	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
1,2-Dichloroethane	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
1,2-Dichloropropane	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
2-Butanone	U		0.00083	0.012	mg/Kg-dry	1	9/20/2006
2-Hexanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
4-Methyl-2-pentanone	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Acetone	U		0.0024	0.030	mg/Kg-dry	1	9/20/2006
Benzene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Bromodichloromethane	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
Bromoform	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
Bromomethane	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Carbon disulfide	U		0.0014	0.012	mg/Kg-dry	1	9/20/2006
Carbon tetrachloride	U		0.0012	0.0059	mg/Kg-dry	1	9/20/2006
Chlorobenzene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
Chloroethane	U		0.0019	0.012	mg/Kg-dry	1	9/20/2006
Chloroform	U		0.0011	0.0059	mg/Kg-dry	1	9/20/2006
Chloromethane	U		0.0013	0.012	mg/Kg-dry	1	9/20/2006
cis-1,2-Dichloroethene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Dibromochloromethane	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Ethylbenzene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
m,p-Xylene	U		0.0012	0.012	mg/Kg-dry	1	9/20/2006
Methyl tert-butyl ether	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
Methylene chloride	U		0.0036	0.012	mg/Kg-dry	1	9/20/2006
n-Butylbenzene	U		0.00095	0.0059	mg/Kg-dry	1	9/20/2006
Naphthalene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
o-Xylene	U		0.00059	0.0059	mg/Kg-dry	1	9/20/2006
sec-Butylbenzene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
Styrene	U		0.00083	0.0059	mg/Kg-dry	1	9/20/2006
Tetrachloroethene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Toluene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
trans-1,2-Dichloroethene	U		0.0012	0.0059	mg/Kg-dry	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006
Trichloroethene	U		0.00071	0.0059	mg/Kg-dry	1	9/20/2006

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 25, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**Client Sample ID:**	MW-6 (43-44)
Work Order:	0609219	**Collection Date:**	9/15/2006 10:32:00 AM
Project:	92067647/N Velasco		
Lab ID:	0609219-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Vinyl chloride	U		0.00071	0.0024	mg/Kg-dry	1	9/20/2006
Xylenes, Total	U		0.0018	0.018	mg/Kg-dry	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*105*			*70-128*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*102*			*73-126*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*103*			*71-128*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*109*			*73-127*	*%REC*	1	9/20/2006
PERCENT MOISTURE		Method:	**E160.3**				Analyst: **VLB**
Percent Moisture	**15.9**		**0.010**	**0.0100**	**wt%**	1	9/19/2006

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 25, 2006

Test Code: 8260_S
Test Number: SW8260
Test Name: Volatiles by GC/MS
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.0007	0.005
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0005	0.005
A	1,1,2-Trichloroethane	79-00-5	0.0005	0.005
A	1,1-Dichloroethane	75-34-3	0.0008	0.005
A	1,1-Dichloroethene	75-35-4	0.001	0.005
A	1,2,4-Trimethylbenzene	95-63-6	0.0007	0.005
A	1,2-Dichloroethane	107-06-2	0.0006	0.005
A	1,2-Dichloropropane	78-87-5	0.0006	0.005
A	1,3,5-Trimethylbenzene	108-67-8	0.0008	0.005
A	2-Butanone	78-93-3	0.0007	0.01
A	2-Hexanone	591-78-6	0.001	0.01
A	4-Methyl-2-pentanone	108-10-1	0.001	0.01
A	Acetone	67-64-1	0.002	0.025
A	Benzene	71-43-2	0.0006	0.005
A	Bromodichloromethane	75-27-4	0.0008	0.005
A	Bromoform	75-25-2	0.0005	0.005
A	Bromomethane	74-83-9	0.001	0.01
A	Carbon disulfide	75-15-0	0.0012	0.01
A	Carbon tetrachloride	56-23-5	0.001	0.005
A	Chlorobenzene	108-90-7	0.0007	0.005
A	Chloroethane	75-00-3	0.0016	0.01
A	Chloroform	67-66-3	0.0009	0.005
A	Chloromethane	74-87-3	0.0011	0.01
A	cis-1,2-Dichloroethene	156-59-2	0.0008	0.005
A	cis-1,3-Dichloropropene	10061-01-5	0.0006	0.005
A	Dibromochloromethane	124-48-1	0.0006	0.005
A	Ethylbenzene	100-41-4	0.0008	0.005
A	m,p-Xylene	136777-61-2	0.001	0.01
A	Methyl tert-butyl ether	1634-04-4	0.0008	0.005
A	Methylene chloride	75-09-2	0.003	0.01
A	n-Butylbenzene	104-51-8	0.0008	0.005
A	Naphthalene	91-20-3	0.0006	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	0.0007	0.005
A	Tetrachloroethene	127-18-4	0.0006	0.005
A	Toluene	108-88-3	0.0006	0.005
A	trans-1,2-Dichloroethene	156-60-5	0.001	0.005
A	trans-1,3-Dichloropropene	10061-02-6	0.0006	0.005
A	Trichloroethene	79-01-6	0.0006	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
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr: Toluene-d8	2037-26-5	0	0

Test Code: 8270_TCL_S
Test Number: SW8270
Test Name: TCL Semivolatile Organics
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,2,4-Trichlorobenzene	120-82-1	0.03	0.33
A	1,2-Dichlorobenzene	95-50-1	0.03	0.33
A	1,3-Dichlorobenzene	541-73-1	0.03	0.33
A	1,4-Dichlorobenzene	106-46-7	0.03	0.33
A	2,4,5-Trichlorophenol	95-95-4	0.04	0.33
A	2,4,6-Trichlorophenol	88-06-2	0.04	0.33
A	2,4-Dichlorophenol	120-83-2	0.03	0.33
A	2,4-Dimethylphenol	105-67-9	0.03	0.33
A	2,4-Dinitrophenol	51-28-5	0.03	0.33
A	2,4-Dinitrotoluene	121-14-2	0.03	0.33
A	2,6-Dinitrotoluene	606-20-2	0.03	0.33
A	2-Chloronaphthalene	91-58-7	0.03	0.33
A	2-Chlorophenol	95-57-8	0.03	0.33
A	2-Methylnaphthalene	91-57-6	0.03	0.33
A	2-Methylphenol	95-48-7	0.03	0.33
A	2-Nitroaniline	88-74-4	0.03	0.33
A	2-Nitrophenol	88-75-5	0.03	0.33
A	3&4-Methylphenol	106-44-5	0.03	0.33
A	3,3'-Dichlorobenzidine	91-94-1	0.03	0.33
A	3-Nitroaniline	99-09-2	0.03	0.33
A	4,6-Dinitro-2-methylphenol	534-52-1	0.05	0.33
A	4-Bromophenyl phenyl ether	101-55-3	0.03	0.33
A	4-Chloro-3-methylphenol	59-50-7	0.04	0.33
A	4-Chloroaniline	106-47-8	0.03	0.33
A	4-Chlorophenyl phenyl ether	7005-72-3	0.03	0.33
A	4-Nitroaniline	100-01-6	0.03	0.33
A	4-Nitrophenol	100-02-7	0.1	0.33
A	Acenaphthene	83-32-9	0.03	0.33
A	Acenaphthylene	208-96-8	0.03	0.33
A	Anthracene	120-12-7	0.03	0.33
A	Benz(a)anthracene	56-55-3	0.03	0.33
A	Benzo(a)pyrene	50-32-8	0.03	0.33
A	Benzo(b)fluoranthene	205-99-2	0.03	0.33
A	Benzo(g,h,i)perylene	191-24-2	0.03	0.33
A	Benzo(k)fluoranthene	207-08-9	0.03	0.33
A	Bis(2-chloroethoxy)methane	111-91-1	0.03	0.33
A	Bis(2-chloroethyl)ether	111-44-4	0.03	0.33
A	Bis(2-chloroisopropyl)ether	108-60-1	0.03	0.33
A	Bis(2-ethylhexyl)phthalate	117-81-7	0.03	0.33
A	Butyl benzyl phthalate	85-68-7	0.03	0.33
A	Carbazole	86-74-8	0.03	0.33
A	Chrysene	218-01-9	0.03	0.33

A	Di-n-butyl phthalate	84-74-2	0.03	0.33
A	Di-n-octyl phthalate	117-84-0	0.03	0.33
A	Dibenz(a,h)anthracene	53-70-3	0.03	0.33
A	Dibenzofuran	132-64-9	0.03	0.33
A	Diethyl phthalate	84-66-2	0.03	0.33
A	Dimethyl phthalate	131-11-3	0.03	0.33
A	Fluoranthene	206-44-0	0.03	0.33
A	Fluorene	86-73-7	0.03	0.33
A	Hexachlorobenzene	118-74-1	0.03	0.33
A	Hexachlorobutadiene	87-68-3	0.03	0.33
A	Hexachlorocyclopentadiene	77-47-4	0.03	0.33
A	Hexachloroethane	67-72-1	0.03	0.33
A	Indeno(1,2,3-cd)pyrene	193-39-5	0.03	0.33
A	Isophorone	78-59-1	0.03	0.33
A	N-Nitrosodi-n-propylamine	621-64-7	0.03	0.33
A	N-Nitrosodiphenylamine	86-30-6	0.03	0.33
A	Naphthalene	91-20-3	0.03	0.33
A	Nitrobenzene	98-95-3	0.03	0.33
A	Pentachlorophenol	87-86-5	0.05	0.33
A	Phenanthrene	85-01-8	0.03	0.33
A	Phenol	108-95-2	0.07	0.33
A	Pyrene	129-00-0	0.03	0.33
S	Surr: 2,4,6-Tribromophenol	118-79-6	0	0.33
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0.33
S	Surr: 2-Fluorophenol	367-12-4	0	0.33
S	Surr: 4-Terphenyl-d14	1718-51-0	0	0.33
S	Surr: Nitrobenzene-d5	4165-60-0	0	0.33
S	Surr: Phenol-d6	13127-88-3	0	0.33

e-Lab Analytical, Inc.

Date: Sep 25, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

e-Lab Analytical, Inc.

Date: Sep 25, 2006

Test Code: TX1005_S_REV3
Test Number: TX1005
Test Name: Texas TPH
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	>nC12 to nC28	TPHDRO	16	50
A	>nC28 to nC35	10W40MOTO	16	50
A	nC6 to nC12	TPHGRO	16	50
M	Total Petroleum Hydrocarbon	TPH	16	50
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0
S	Surr: Trifluoromethyl benzene	98-08-8	0	0

e-Lab Analytical, Inc.

Date: *Sep 25 2006*

CLIENT: Terracon Consulting Engineers & Scientists

QC BATCH REPORT

Work Order: 0609219

Project: 92067647/N Velasco

Batch ID: **19858** Instrument ID **FID-7** Method: **TX1005**

MBLK Sample ID: **FBLKS2-060918** Units: **mg/Kg** Analysis Date: **09/18/06 16:16**

Client ID: Run ID: **FID-7_060918A** SeqNo: **951447** Prep Date: **9/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	50								
>nC12 to nC28	U	50								
>nC28 to nC35	U	50								
Total Petroleum Hydrocarbon	U	50								
Surr: 2-Fluorobiphenyl	*54.71*	0	*50*	0	*109*	*70-130*	0			
Surr: Trifluoromethyl benzene	*52.51*	0	*50*	0	*105*	*70-130*	0			

LCS Sample ID: **FLCSS2-060918** Units: **mg/Kg** Analysis Date: **09/18/06 16:59**

Client ID: Run ID: **FID-7_060918A** SeqNo: **951448** Prep Date: **9/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	280.6	50	250	0	112	75-125	0			
>nC12 to nC28	295.2	50	250	0	118	75-125	0			
Surr: 2-Fluorobiphenyl	*57.51*	0	*50*	0	*115*	*70-130*	0			
Surr: Trifluoromethyl benzene	*57.16*	0	*50*	0	*114*	*70-130*	0			

LCSD Sample ID: **FLCSDS2-060918** Units: **mg/Kg** Analysis Date: **09/18/06 17:43**

Client ID: Run ID: **FID-7_060918A** SeqNo: **951449** Prep Date: **9/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	280	50	250	0	112	75-125	280.6	0.204	20	
>nC12 to nC28	296.5	50	250	0	119	75-125	295.2	0.448	20	
Surr: 2-Fluorobiphenyl	*58.16*	0	*50*	0	*116*	*70-130*	57.51	*1.13*	*20*	
Surr: Trifluoromethyl benzene	*57.28*	0	*50*	0	*115*	*70-130*	57.16	*0.217*	*20*	

MS Sample ID: **0609219-01AMS** Units: **mg/Kg** Analysis Date: **09/18/06 21:57**

Client ID: **MW-6 (43-44)** Run ID: **FID-7_060918A** SeqNo: **951455** Prep Date: **9/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	275.6	50	250	0	110	75-125	0			
>nC12 to nC28	297.8	50	250	0	119	75-125	0			
Surr: 2-Fluorobiphenyl	*55.78*	0	*50*	0	*112*	*70-130*	0			
Surr: Trifluoromethyl benzene	*54.7*	0	*50*	0	*109*	*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 & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19858** Instrument ID **FID-7** Method: **TX1005**

MSD Sample ID: **0609219-01AMSD** Units: **mg/Kg** Analysis Date: **09/18/06 22:39**

Client ID: **MW-6 (43-44)** Run ID: **FID-7_060918A** SeqNo: **951456** Prep Date: **9/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	274.3	50	250	0	110	75-125	275.6	0.473	20	
>nC12 to nC28	290.8	50	250	0	116	75-125	297.8	2.38	20	
Surr: 2-Fluorobiphenyl	*56.11*	0	*50*	0	*112*	*70-130*	55.78	*0.576*	*20*	
Surr: Trifluoromethyl benzene	*55.17*	0	*50*	0	*110*	*70-130*	54.7	*0.857*	*20*	

The following samples were analyzed in this batch: 0609219-01A

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

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19884** Instrument ID **SV-5** Method: **SW8270**

MBLK Sample ID: **SBLKS3-060919** Units: **µg/Kg** Analysis Date: **09/21/06 21:41**

Client ID: Run ID: **SV-5_060921A** SeqNo: **955201** Prep Date: **9/19/2006** 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	330								
1,2-Dichlorobenzene	U	330								
1,3-Dichlorobenzene	U	330								
1,4-Dichlorobenzene	U	330								
2,4,5-Trichlorophenol	U	330								
2,4,6-Trichlorophenol	U	330								
2,4-Dichlorophenol	U	330								
2,4-Dimethylphenol	U	330								
2,4-Dinitrophenol	U	330								
2,4-Dinitrotoluene	U	330								
2,6-Dinitrotoluene	U	330								
2-Chloronaphthalene	U	330								
2-Chlorophenol	U	330								
2-Methylnaphthalene	U	330								
2-Methylphenol	U	330								
2-Nitroaniline	U	330								
2-Nitrophenol	U	330								
3&4-Methylphenol	U	330								
3,3´-Dichlorobenzidine	U	330								
3-Nitroaniline	U	330								
4,6-Dinitro-2-methylphenol	U	330								
4-Bromophenyl phenyl ether	U	330								
4-Chloro-3-methylphenol	U	330								
4-Chloroaniline	U	330								
4-Chlorophenyl phenyl ether	U	330								
4-Nitroaniline	U	330								
4-Nitrophenol	U	330								
Acenaphthene	U	330								
Acenaphthylene	U	330								
Anthracene	U	330								
Benz(a)anthracene	U	330								
Benzo(a)pyrene	U	330								
Benzo(b)fluoranthene	U	330								
Benzo(g,h,i)perylene	U	330								
Benzo(k)fluoranthene	U	330								
Bis(2-chloroethoxy)methane	U	330								
Bis(2-chloroethyl)ether	U	330								
Bis(2-chloroisopropyl)ether	U	330								
Bis(2-ethylhexyl)phthalate	U	330								
Butyl benzyl phthalate	U	330								

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: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19884** Instrument ID **SV-5** Method: **SW8270**

Carbazole	U	330					
Chrysene	U	330					
Di-n-butyl phthalate	U	330					
Di-n-octyl phthalate	U	330					
Dibenz(a,h)anthracene	U	330					
Dibenzofuran	U	330					
Diethyl phthalate	U	330					
Dimethyl phthalate	U	330					
Fluoranthene	U	330					
Fluorene	U	330					
Hexachlorobenzene	U	330					
Hexachlorobutadiene	U	330					
Hexachlorocyclopentadiene	U	330					
Hexachloroethane	U	330					
Indeno(1,2,3-cd)pyrene	U	330					
Isophorone	U	330					
N-Nitrosodi-n-propylamine	U	330					
N-Nitrosodiphenylamine	U	330					
Naphthalene	U	330					
Nitrobenzene	U	330					
Pentachlorophenol	U	330					
Phenanthrene	U	330					
Phenol	U	330					
Pyrene	U	330					
Surr: 2,4,6-Tribromophenol	*3063*	330	*3333*	0	*91.9*	*40-133*	0
Surr: 2-Fluorobiphenyl	*3268*	330	*3333*	0	*98*	*34-122*	0
Surr: 2-Fluorophenol	*2925*	330	*3333*	0	*87.7*	*25-115*	0
Surr: 4-Terphenyl-d14	*3703*	330	*3333*	0	*111*	*33-125*	0
Surr: Nitrobenzene-d5	*3205*	330	*3333*	0	*96.2*	*39-120*	0
Surr: Phenol-d6	*2949*	330	*3333*	0	*88.5*	*20-115*	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: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19884** Instrument ID **SV-5** Method: **SW8270**

LCS Sample ID: **SLCSS3-060919** Units: **µg/Kg** Analysis Date: **09/21/06 23:55**

Client ID: Run ID: **SV-5_060921A** SeqNo: **955202** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1167	330	1667	0	70	60.6-115	0			
1,2-Dichlorobenzene	1173	330	1667	0	70.4	59.9-115	0			
1,3-Dichlorobenzene	1203	330	1667	0	72.2	55.5-115	0			
1,4-Dichlorobenzene	1224	330	1667	0	73.4	57.4-115	0			
2,4,5-Trichlorophenol	2430	330	3333	0	72.9	63.1-115	0			
2,4,6-Trichlorophenol	2487	330	3333	0	74.6	58.8-115	0			
2,4-Dichlorophenol	2550	330	3333	0	76.5	63.2-115	0			
2,4-Dimethylphenol	2391	330	3333	0	71.7	59.8-115	0			
2,4-Dinitrophenol	2375	330	3333	0	71.3	20-115	0			
2,4-Dinitrotoluene	1237	330	1667	0	74.2	63.1-115	0			
2,6-Dinitrotoluene	1269	330	1667	0	76.1	63.5-115	0			
2-Chloronaphthalene	1130	330	1667	0	67.8	60.7-115	0			
2-Chlorophenol	2489	330	3333	0	74.7	61.2-115	0			
2-Methylnaphthalene	1242	330	1667	0	74.5	51.8-115	0			
2-Methylphenol	2520	330	3333	0	75.6	61.8-115	0			
2-Nitroaniline	1210	330	1667	0	72.6	59.9-115	0			
2-Nitrophenol	2434	330	3333	0	73	58.6-115	0			
3&4-Methylphenol	3858	330	5000	0	77.2	61.3-115	0			
3,3'-Dichlorobenzidine	888.3	330	1667	0	53.3	35.3-115	0			
3-Nitroaniline	878.9	330	1667	0	52.7	45.3-115	0			
4,6-Dinitro-2-methylphenol	2425	330	3333	0	72.8	36.2-115	0			
4-Bromophenyl phenyl ether	1207	330	1667	0	72.4	62.6-115	0			
4-Chloro-3-methylphenol	2549	330	3333	0	76.5	62-115	0			
4-Chloroaniline	796.9	330	1667	0	47.8	43.4-115	0			
4-Chlorophenyl phenyl ether	1193	330	1667	0	71.6	62.8-115	0			
4-Nitroaniline	1097	330	1667	0	65.8	53.3-115	0			
4-Nitrophenol	2455	330	3333	0	73.7	48.3-117	0			
Acenaphthene	1160	330	1667	0	69.6	61.6-115	0			
Acenaphthylene	1186	330	1667	0	71.1	61.6-115	0			
Anthracene	1184	330	1667	0	71	64.3-115	0			
Benz(a)anthracene	1171	330	1667	0	70.2	61.8-115	0			
Benzo(a)pyrene	1205	330	1667	0	72.3	55.1-121	0			
Benzo(b)fluoranthene	1186	330	1667	0	71.1	48.1-115	0			
Benzo(g,h,i)perylene	1180	330	1667	0	70.8	49-125	0			
Benzo(k)fluoranthene	1231	330	1667	0	73.8	40-115	0			
Bis(2-chloroethoxy)methane	1229	330	1667	0	73.8	61.8-115	0			
Bis(2-chloroethyl)ether	1181	330	1667	0	70.9	58.3-115	0			
Bis(2-chloroisopropyl)ether	1172	330	1667	0	70.3	50.3-115	0			
Bis(2-ethylhexyl)phthalate	1191	330	1667	0	71.5	57.7-132	0			
Butyl benzyl phthalate	1184	330	1667	0	71.1	60.9-117	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: **19884**	Instrument ID **SV-5**		Method: **SW8270**				
Carbazole	1192	330	1667	0	71.5	65.6-115	0
Chrysene	1185	330	1667	0	71.1	60.5-115	0
Di-n-butyl phthalate	1212	330	1667	0	72.7	65.6-119	0
Di-n-octyl phthalate	1222	330	1667	0	73.3	52.8-135	0
Dibenz(a,h)anthracene	1174	330	1667	0	70.4	40-125	0
Dibenzofuran	1212	330	1667	0	72.7	63.9-115	0
Diethyl phthalate	1231	330	1667	0	73.9	62.7-115	0
Dimethyl phthalate	1211	330	1667	0	72.6	64.6-115	0
Fluoranthene	1193	330	1667	0	71.6	60.7-115	0
Fluorene	1206	330	1667	0	72.4	62.9-115	0
Hexachlorobenzene	1186	330	1667	0	71.2	63.6-115	0
Hexachlorobutadiene	1191	330	1667	0	71.5	57.7-115	0
Hexachlorocyclopentadiene	1110	330	1667	0	66.6	47.7-115	0
Hexachloroethane	1217	330	1667	0	73	58.4-115	0
Indeno(1,2,3-cd)pyrene	1181	330	1667	0	70.8	47.6-115	0
Isophorone	1263	330	1667	0	75.8	48-142	0
N-Nitrosodi-n-propylamine	1250	330	1667	0	75	59.8-115	0
N-Nitrosodiphenylamine	1190	330	1667	0	71.4	41.4-115	0
Naphthalene	1214	330	1667	0	72.8	66.3-130	0
Nitrobenzene	1201	330	1667	0	72.1	58.9-115	0
Pentachlorophenol	2516	330	3333	0	75.5	45.8-119	0
Phenanthrene	1194	330	1667	0	71.6	64.5-115	0
Phenol	2511	330	3333	0	75.3	57.2-115	0
Pyrene	1206	330	1667	0	72.4	61.6-115	0
Surr: 2,4,6-Tribromophenol	*2326*	330	*3333*	0	*69.8*	*40-133*	0
Surr: 2-Fluorobiphenyl	*2439*	330	*3333*	0	*73.2*	*34-122*	0
Surr: 2-Fluorophenol	*2354*	330	*3333*	0	*70.6*	*25-115*	0
Surr: 4-Terphenyl-d14	*2476*	330	*3333*	0	*74.3*	*33-125*	0
Surr: Nitrobenzene-d5	*2498*	330	*3333*	0	*75*	*39-120*	0
Surr: Phenol-d6	*2536*	330	*3333*	0	*76.1*	*20-115*	0

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19884** Instrument ID **SV-5** Method: **SW8270**

MS Sample ID: **0609219-01AMS** Units: **µg/Kg** Analysis Date: **09/22/06 2:09**

Client ID: **MW-6 (43-44)** Run ID: **SV-5_060921A** SeqNo: **955209** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1470	330	1667	0	88.2	60.6-115	0			
1,2-Dichlorobenzene	1343	330	1667	0	80.6	59.9-115	0			
1,3-Dichlorobenzene	1385	330	1667	0	83.1	55.5-115	0			
1,4-Dichlorobenzene	1391	330	1667	0	83.4	57.4-115	0			
2,4,5-Trichlorophenol	3195	330	3333	0	95.8	63.1-115	0			
2,4,6-Trichlorophenol	3266	330	3333	0	98	58.8-115	0			
2,4-Dichlorophenol	3204	330	3333	0	96.1	63.2-115	0			
2,4-Dimethylphenol	3109	330	3333	0	93.3	59.8-115	0			
2,4-Dinitrophenol	904.6	330	3333	0	27.1	20-115	0			
2,4-Dinitrotoluene	1608	330	1667	0	96.5	63.1-115	0			
2,6-Dinitrotoluene	1651	330	1667	0	99.1	63.5-115	0			
2-Chloronaphthalene	1516	330	1667	0	91	60.7-115	0			
2-Chlorophenol	2941	330	3333	0	88.2	61.2-115	0			
2-Methylnaphthalene	1504	330	1667	0	90.3	51.8-115	0			
2-Methylphenol	2992	330	3333	0	89.8	61.8-115	0			
2-Nitroaniline	1506	330	1667	0	90.4	59.9-115	0			
2-Nitrophenol	3052	330	3333	0	91.6	58.6-115	0			
3&4-Methylphenol	4635	330	5000	0	92.7	61.3-115	0			
3,3'-Dichlorobenzidine	986.8	330	1667	0	59.2	35.3-115	0			
3-Nitroaniline	1082	330	1667	0	64.9	45.3-115	0			
4,6-Dinitro-2-methylphenol	1382	330	3333	0	41.5	36.2-115	0			
4-Bromophenyl phenyl ether	1516	330	1667	0	91	62.6-115	0			
4-Chloro-3-methylphenol	3166	330	3333	0	95	62-115	0			
4-Chloroaniline	772.6	330	1667	0	46.4	43.4-115	0			
4-Chlorophenyl phenyl ether	1590	330	1667	0	95.4	62.8-115	0			
4-Nitroaniline	1574	330	1667	0	94.4	53.3-115	0			
4-Nitrophenol	3336	330	3333	0	100	48.3-117	0			
Acenaphthene	1509	330	1667	0	90.5	61.6-115	0			
Acenaphthylene	1547	330	1667	0	92.8	61.6-115	0			
Anthracene	1597	330	1667	0	95.8	64.3-115	0			
Benz(a)anthracene	1669	330	1667	0	100	61.8-115	0			
Benzo(a)pyrene	1586	330	1667	0	95.1	55.1-121	0			
Benzo(b)fluoranthene	1544	330	1667	0	92.6	48.1-115	0			
Benzo(g,h,i)perylene	1591	330	1667	0	95.5	49-125	0			
Benzo(k)fluoranthene	1723	330	1667	0	103	40-115	0			
Bis(2-chloroethoxy)methane	1465	330	1667	0	87.9	61.8-115	0			
Bis(2-chloroethyl)ether	1313	330	1667	0	78.8	58.3-115	0			
Bis(2-chloroisopropyl)ether	1401	330	1667	0	84.1	50.3-115	0			
Bis(2-ethylhexyl)phthalate	1654	330	1667	0	99.2	57.7-132	0			
Butyl benzyl phthalate	1656	330	1667	0	99.3	60.9-117	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

Batch ID: **19884**	Instrument ID **SV-5**		Method: **SW8270**				
Carbazole	1607	330	1667	0	96.4	65.6-115	0
Chrysene	1661	330	1667	0	99.7	60.5-115	0
Di-n-butyl phthalate	1601	330	1667	0	96.1	65.6-119	0
Di-n-octyl phthalate	1556	330	1667	0	93.3	52.8-135	0
Dibenz(a,h)anthracene	1557	330	1667	0	93.4	40-125	0
Dibenzofuran	1577	330	1667	0	94.6	63.9-115	0
Diethyl phthalate	1610	330	1667	0	96.6	62.7-115	0
Dimethyl phthalate	1624	330	1667	0	97.4	64.6-115	0
Fluoranthene	1618	330	1667	0	97.1	60.7-115	0
Fluorene	1591	330	1667	0	95.4	62.9-115	0
Hexachlorobenzene	1641	330	1667	0	98.5	63.6-115	0
Hexachlorobutadiene	1478	330	1667	0	88.7	57.7-115	0
Hexachlorocyclopentadiene	1405	330	1667	0	84.3	47.7-115	0
Hexachloroethane	1366	330	1667	0	82	58.4-115	0
Indeno(1,2,3-cd)pyrene	1541	330	1667	0	92.4	47.6-115	0
Isophorone	1509	330	1667	0	90.6	48-142	0
N-Nitrosodi-n-propylamine	1470	330	1667	0	88.2	59.8-115	0
N-Nitrosodiphenylamine	1573	330	1667	0	94.4	41.4-115	0
Naphthalene	1496	330	1667	0	89.7	66.3-130	0
Nitrobenzene	1483	330	1667	0	89	58.9-115	0
Pentachlorophenol	2965	330	3333	0	89	45.8-119	0
Phenanthrene	1589	330	1667	0	95.3	64.5-115	0
Phenol	3010	330	3333	0	90.3	57.2-115	0
Pyrene	1656	330	1667	0	99.4	61.6-115	0
Surr: 2,4,6-Tribromophenol	*2942*	330	*3333*	0	*88.3*	*40-133*	0
Surr: 2-Fluorobiphenyl	*2932*	330	*3333*	0	*88*	*34-122*	0
Surr: 2-Fluorophenol	*2731*	330	*3333*	0	*81.9*	*25-115*	0
Surr: 4-Terphenyl-d14	*3259*	330	*3333*	0	*97.8*	*33-125*	0
Surr: Nitrobenzene-d5	*2877*	330	*3333*	0	*86.3*	*39-120*	0
Surr: Phenol-d6	*2816*	330	*3333*	0	*84.5*	*20-115*	0

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19884** Instrument ID **SV-5** Method: **SW8270**

MSD Sample ID: **0609219-01AMSD** Units: **µg/Kg** Analysis Date: **09/22/06 2:36**

Client ID: **MW-6 (43-44)** Run ID: **SV-5_060921A** SeqNo: **955210** Prep Date: **9/19/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1436	330	1667	0	86.2	60.6-115	1470	2.33	30	
1,2-Dichlorobenzene	1375	330	1667	0	82.5	59.9-115	1343	2.36	30	
1,3-Dichlorobenzene	1376	330	1667	0	82.6	55.5-115	1385	0.661	30	
1,4-Dichlorobenzene	1394	330	1667	0	83.6	57.4-115	1391	0.255	30	
2,4,5-Trichlorophenol	3312	330	3333	0	99.4	63.1-115	3195	3.6	30	
2,4,6-Trichlorophenol	3398	330	3333	0	102	58.8-115	3266	3.94	30	
2,4-Dichlorophenol	3200	330	3333	0	96	63.2-115	3204	0.116	30	
2,4-Dimethylphenol	3124	330	3333	0	93.7	59.8-115	3109	0.469	30	
2,4-Dinitrophenol	836	330	3333	0	25.1	20-115	904.6	7.88	30	
2,4-Dinitrotoluene	1667	330	1667	0	100	63.1-115	1608	3.61	30	
2,6-Dinitrotoluene	1708	330	1667	0	102	63.5-115	1651	3.37	30	
2-Chloronaphthalene	1658	330	1667	0	99.5	60.7-115	1516	8.94	30	
2-Chlorophenol	3042	330	3333	0	91.3	61.2-115	2941	3.36	30	
2-Methylnaphthalene	1489	330	1667	0	89.3	51.8-115	1504	1.04	30	
2-Methylphenol	3016	330	3333	0	90.5	61.8-115	2992	0.789	30	
2-Nitroaniline	1608	330	1667	0	96.5	59.9-115	1506	6.55	30	
2-Nitrophenol	3016	330	3333	0	90.5	58.6-115	3052	1.19	30	
3&4-Methylphenol	4685	330	5000	0	93.7	61.3-115	4635	1.06	30	
3,3'-Dichlorobenzidine	1027	330	1667	0	61.6	35.3-115	986.8	4	30	
3-Nitroaniline	1213	330	1667	0	72.8	45.3-115	1082	11.4	30	
4,6-Dinitro-2-methylphenol	1421	330	3333	0	42.6	36.2-115	1382	2.8	30	
4-Bromophenyl phenyl ether	1707	330	1667	0	102	62.6-115	1516	11.8	30	
4-Chloro-3-methylphenol	3273	330	3333	0	98.2	62-115	3166	3.35	30	
4-Chloroaniline	776	330	1667	0	46.6	43.4-115	772.6	0.437	30	
4-Chlorophenyl phenyl ether	1665	330	1667	0	99.9	62.8-115	1590	4.64	30	
4-Nitroaniline	1497	330	1667	0	89.8	53.3-115	1574	4.96	30	
4-Nitrophenol	3334	330	3333	0	100	48.3-117	3336	0.0467	30	
Acenaphthene	1604	330	1667	0	96.3	61.6-115	1509	6.12	30	
Acenaphthylene	1606	330	1667	0	96.4	61.6-115	1547	3.72	30	
Anthracene	1663	330	1667	0	99.8	64.3-115	1597	4.04	30	
Benz(a)anthracene	1681	330	1667	0	101	61.8-115	1669	0.7	30	
Benzo(a)pyrene	1731	330	1667	0	104	55.1-121	1586	8.75	30	
Benzo(b)fluoranthene	1622	330	1667	0	97.3	48.1-115	1544	4.89	30	
Benzo(g,h,i)perylene	1714	330	1667	0	103	49-125	1591	7.44	30	
Benzo(k)fluoranthene	1783	330	1667	0	107	40-115	1723	3.42	30	
Bis(2-chloroethoxy)methane	1531	330	1667	0	91.9	61.8-115	1465	4.41	30	
Bis(2-chloroethyl)ether	1345	330	1667	0	80.7	58.3-115	1313	2.42	30	
Bis(2-chloroisopropyl)ether	1417	330	1667	0	85	50.3-115	1401	1.15	30	
Bis(2-ethylhexyl)phthalate	1733	330	1667	0	104	57.7-132	1654	4.72	30	
Butyl benzyl phthalate	1702	330	1667	0	102	60.9-117	1656	2.73	30	

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: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **19884** Instrument ID **SV-5** Method: **SW8270**

Carbazole	1661	330	1667	0	99.7	65.6-115	1607	3.28	30
Chrysene	1678	330	1667	0	101	60.5-115	1661	1.01	30
Di-n-butyl phthalate	1726	330	1667	0	104	65.6-119	1601	7.53	30
Di-n-octyl phthalate	1683	330	1667	0	101	52.8-135	1556	7.85	30
Dibenz(a,h)anthracene	1731	330	1667	0	104	40-125	1557	10.6	30
Dibenzofuran	1640	330	1667	0	98.4	63.9-115	1577	3.91	30
Diethyl phthalate	1719	330	1667	0	103	62.7-115	1610	6.55	30
Dimethyl phthalate	1637	330	1667	0	98.2	64.6-115	1624	0.811	30
Fluoranthene	1726	330	1667	0	104	60.7-115	1618	6.47	30
Fluorene	1635	330	1667	0	98.1	62.9-115	1591	2.75	30
Hexachlorobenzene	1736	330	1667	0	104	63.6-115	1641	5.61	30
Hexachlorobutadiene	1496	330	1667	0	89.8	57.7-115	1478	1.22	30
Hexachlorocyclopentadiene	1529	330	1667	0	91.7	47.7-115	1405	8.48	30
Hexachloroethane	1323	330	1667	0	79.4	58.4-115	1366	3.22	30
Indeno(1,2,3-cd)pyrene	1665	330	1667	0	99.9	47.6-115	1541	7.74	30
Isophorone	1560	330	1667	0	93.6	48-142	1509	3.32	30
N-Nitrosodi-n-propylamine	1503	330	1667	0	90.2	59.8-115	1470	2.23	30
N-Nitrosodiphenylamine	1659	330	1667	0	99.5	41.4-115	1573	5.31	30
Naphthalene	1512	330	1667	0	90.7	66.3-130	1496	1.07	30
Nitrobenzene	1459	330	1667	0	87.5	58.9-115	1483	1.61	30
Pentachlorophenol	2812	330	3333	0	84.4	45.8-119	2965	5.3	30
Phenanthrene	1648	330	1667	0	98.9	64.5-115	1589	3.65	30
Phenol	3041	330	3333	0	91.2	57.2-115	3010	1.02	30
Pyrene	1687	330	1667	0	101	61.6-115	1656	1.83	30
Surr: 2,4,6-Tribromophenol	*3045*	330	*3333*	0	*91.3*	*40-133*	2942	*3.42*	*30*
Surr: 2-Fluorobiphenyl	*3028*	330	*3333*	0	*90.8*	*34-122*	2932	*3.22*	*30*
Surr: 2-Fluorophenol	*2679*	330	*3333*	0	*80.4*	*25-115*	2731	*1.92*	*30*
Surr: 4-Terphenyl-d14	*3353*	330	*3333*	0	*101*	*33-125*	3259	*2.85*	*30*
Surr: Nitrobenzene-d5	*2974*	330	*3333*	0	*89.2*	*39-120*	2877	*3.32*	*30*
Surr: Phenol-d6	*2911*	330	*3333*	0	*87.3*	*20-115*	2816	*3.31*	*30*

The following samples were analyzed in this batch: 0609219-01A

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

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884** Instrument ID **VOA5** Method: **SW8260**

MBLK Sample ID: **VBLKS2-092006** Units: **µg/Kg** Analysis Date: **09/20/06 12:30**

Client ID: Run ID: **VOA5_060920A** SeqNo: **954631** 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	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
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

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884** Instrument ID **VOA5** Method: **SW8260**

Vinyl chloride	U	2.0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	*52.31*	0	*50*	0	*105*	*70-128*	0
Surr: 4-Bromofluorobenzene	*55.74*	0	*50*	0	*111*	*73-126*	0
Surr: Dibromofluoromethane	*54.39*	0	*50*	0	*109*	*71-128*	0
Surr: Toluene-d8	*58.55*	0	*50*	0	*117*	*73-127*	0

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P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
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CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884** Instrument ID **VOA5** Method: **SW8260**

LCS Sample ID: **VLCSS-092006** Units: **µg/Kg** Analysis Date: **09/20/06 11:17**

Client ID: Run ID: **VOA5_060920A** SeqNo: **954630** 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	53.15	5.0	50	0	106	75.6-123	0			
1,1,2,2-Tetrachloroethane	49.67	5.0	50	0	99.3	75.1-120	0			
1,1,2-Trichloroethane	51.11	5.0	50	0	102	72.8-120	0			
1,1-Dichloroethane	51.06	5.0	50	0	102	75.3-121	0			
1,1-Dichloroethene	52.41	5.0	50	0	105	78-120	0			
1,2,4-Trimethylbenzene	52.66	5.0	50	0	105	78.9-120	0			
1,2-Dichloroethane	47.43	5.0	50	0	94.9	70.6-128	0			
1,2-Dichloropropane	48.05	5.0	50	0	96.1	79.4-120	0			
1,3,5-Trimethylbenzene	52.32	5.0	50	0	105	78.9-122	0			
2-Butanone	99.04	10	100	0	99	54.8-130	0			
2-Hexanone	100.7	10	100	0	101	58.1-127	0			
4-Methyl-2-pentanone	98.52	10	100	0	98.5	67.6-120	0			
Acetone	114.7	20	100	0	115	53.4-132	0			
Benzene	50.27	5.0	50	0	101	80-121	0			
Bromodichloromethane	50.08	5.0	50	0	100	73.5-120	0			
Bromoform	47.65	5.0	50	0	95.3	76.9-120	0			
Bromomethane	49.36	10	50	0	98.7	58.9-132	0			
Carbon disulfide	109.1	10	100	0	109	75.6-121	0			
Carbon tetrachloride	46.12	5.0	50	0	92.2	71.8-130	0			
Chlorobenzene	50.72	5.0	50	0	101	80-120	0			
Chloroethane	52.71	10	50	0	105	62.5-135	0			
Chloroform	49.77	5.0	50	0	99.5	74.5-120	0			
Chloromethane	51.13	10	50	0	102	62.8-129	0			
cis-1,2-Dichloroethene	52.71	5.0	50	0	105	76.4-121	0			
cis-1,3-Dichloropropene	47.74	5.0	50	0	95.5	72.7-120	0			
Dibromochloromethane	50.67	5.0	50	0	101	71.5-120	0			
Ethylbenzene	52.39	5.0	50	0	105	79.9-122	0			
m,p-Xylene	103.8	10	100	0	104	79.6-125	0			
Methyl tert-butyl ether	50.22	5.0	50	0	100	73.7-120	0			
Methylene chloride	49.59	10	50	0	99.2	61.4-120	0			
n-Butylbenzene	54.91	5.0	50	0	110	78-124	0			
Naphthalene	55.55	5.0	50	0	111	73.6-129	0			
o-Xylene	52.28	5.0	50	0	105	79.4-122	0			
sec-Butylbenzene	53.4	5.0	50	0	107	78.5-120	0			
Styrene	51.51	5.0	50	0	103	79.6-123	0			
Tetrachloroethene	49.75	5.0	50	0	99.5	79.5-125	0			
Toluene	49.96	5.0	50	0	99.9	79.1-123	0			
trans-1,2-Dichloroethene	52.02	5.0	50	0	104	76.3-124	0			
trans-1,3-Dichloropropene	47.76	5.0	50	0	95.5	65-127	0			
Trichloroethene	51.05	5.0	50	0	102	77.1-121	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: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884** Instrument ID **VOA5** Method: **SW8260**

Vinyl chloride	54.89	2.0	50	0	110	66.1-129	0
Xylenes, Total	156	15	150	0	104	79.4-125	0
Surr: 1,2-Dichloroethane-d4	*46.83*	0	*50*	0	*93.7*	*70-128*	0
Surr: 4-Bromofluorobenzene	*50.56*	0	*50*	0	*101*	*73-126*	0
Surr: Dibromofluoromethane	*52.02*	0	*50*	0	*104*	*71-128*	0
Surr: Toluene-d8	*51.83*	0	*50*	0	*104*	*73-127*	0

ND - Not Detected at the Reporting Limit
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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: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884** Instrument ID **VOA5** Method: **SW8260**

MS Sample ID: **0609219-01AMS** Units: **µg/Kg** Analysis Date: **09/20/06 20:00**

Client ID: **MW-6 (43-44)** Run ID: **VOA5_060920A** SeqNo: **954641** 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	50.25	5.0	50	0	100	75.6-123	0			
1,1,2,2-Tetrachloroethane	44.1	5.0	50	0	88.2	75.1-120	0			
1,1,2-Trichloroethane	46.2	5.0	50	0	92.4	72.8-120	0			
1,1-Dichloroethane	48.16	5.0	50	0	96.3	75.3-121	0			
1,1-Dichloroethene	52.03	5.0	50	0	104	78-120	0			
1,2,4-Trimethylbenzene	46.88	5.0	50	0	93.8	78.9-120	0			
1,2-Dichloroethane	45.01	5.0	50	0	90	70.6-128	0			
1,2-Dichloropropane	46.63	5.0	50	0	93.3	79.4-120	0			
1,3,5-Trimethylbenzene	48.08	5.0	50	0	96.2	78.9-122	0			
2-Butanone	89.83	10	100	0	89.8	54.8-130	0			
2-Hexanone	91.13	10	100	0	91.1	58.1-127	0			
4-Methyl-2-pentanone	90.06	10	100	0	90.1	67.6-120	0			
Acetone	108.8	20	100	0	109	53.4-132	0			
Benzene	48.41	5.0	50	0	96.8	80-121	0			
Bromodichloromethane	46.77	5.0	50	0	93.5	73.5-120	0			
Bromoform	46.25	5.0	50	0	92.5	76.9-120	0			
Bromomethane	47.57	10	50	0	95.1	58.9-132	0			
Carbon disulfide	101.2	10	100	0	101	75.6-121	0			
Carbon tetrachloride	46.05	5.0	50	0	92.1	71.8-130	0			
Chlorobenzene	47.88	5.0	50	0	95.8	80-120	0			
Chloroethane	49.77	10	50	0	99.5	62.5-135	0			
Chloroform	48.52	5.0	50	0	97	74.5-120	0			
Chloromethane	48.81	10	50	0	97.6	62.8-129	0			
cis-1,2-Dichloroethene	48.13	5.0	50	0	96.3	76.4-121	0			
cis-1,3-Dichloropropene	44.15	5.0	50	0	88.3	72.7-120	0			
Dibromochloromethane	45.38	5.0	50	0	90.8	71.5-120	0			
Ethylbenzene	49.08	5.0	50	0	98.2	79.9-122	0			
m,p-Xylene	97.38	10	100	0	97.4	79.6-125	0			
Methyl tert-butyl ether	46.16	5.0	50	0	92.3	73.7-120	0			
Methylene chloride	47.76	10	50	0	95.5	61.4-120	0			
n-Butylbenzene	46.51	5.0	50	0	93	78-124	0			
Naphthalene	46.59	5.0	50	0	93.2	73.6-129	0			
o-Xylene	48.27	5.0	50	0	96.5	79.4-122	0			
sec-Butylbenzene	49.04	5.0	50	0	98.1	78.5-120	0			
Styrene	47.41	5.0	50	0	94.8	79.6-123	0			
Tetrachloroethene	47.9	5.0	50	0	95.8	79.5-125	0			
Toluene	47.66	5.0	50	0	95.3	79.1-123	0			
trans-1,2-Dichloroethene	47.26	5.0	50	0	94.5	76.3-124	0			
trans-1,3-Dichloropropene	43.15	5.0	50	0	86.3	65-127	0			
Trichloroethene	49.7	5.0	50	0	99.4	77.1-121	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

Batch ID: **R41884**	Instrument ID **VOA5**		Method: **SW8260**				
Vinyl chloride	49.92	2.0	50	0	99.8	66.1-129	0
Xylenes, Total	145.6	15	150	0	97.1	79.4-125	0
Surr: 1,2-Dichloroethane-d4	*48.78*	0	*50*	0	*97.6*	*70-128*	0
Surr: 4-Bromofluorobenzene	*53.08*	0	*50*	0	*106*	*73-126*	0
Surr: Dibromofluoromethane	*51.01*	0	*50*	0	*102*	*71-128*	0
Surr: Toluene-d8	*52.85*	0	*50*	0	*106*	*73-127*	0

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884** Instrument ID **VOA5** Method: **SW8260**

MSD Sample ID: **0609219-01AMSD** Units: **µg/Kg** Analysis Date: **09/20/06 20:23**

Client ID: **MW-6 (43-44)** Run ID: **VOA5_060920A** SeqNo: **954642** 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	52.33	5.0	50	0	105	75.6-123	50.25	4.05	30	
1,1,2,2-Tetrachloroethane	45.49	5.0	50	0	91	75.1-120	44.1	3.1	30	
1,1,2-Trichloroethane	49.53	5.0	50	0	99.1	72.8-120	46.2	6.94	30	
1,1-Dichloroethane	48.6	5.0	50	0	97.2	75.3-121	48.16	0.908	30	
1,1-Dichloroethene	49.97	5.0	50	0	99.9	78-120	52.03	4.03	30	
1,2,4-Trimethylbenzene	46.54	5.0	50	0	93.1	78.9-120	46.88	0.726	30	
1,2-Dichloroethane	45.56	5.0	50	0	91.1	70.6-128	45.01	1.21	30	
1,2-Dichloropropane	46.13	5.0	50	0	92.3	79.4-120	46.63	1.09	30	
1,3,5-Trimethylbenzene	48.02	5.0	50	0	96	78.9-122	48.08	0.127	30	
2-Butanone	96.94	10	100	0	96.9	54.8-130	89.83	7.61	30	
2-Hexanone	93.78	10	100	0	93.8	58.1-127	91.13	2.87	30	
4-Methyl-2-pentanone	93.45	10	100	0	93.4	67.6-120	90.06	3.7	30	
Acetone	108.1	20	100	0	108	53.4-132	108.8	0.665	30	
Benzene	47.99	5.0	50	0	96	80-121	48.41	0.856	30	
Bromodichloromethane	46.85	5.0	50	0	93.7	73.5-120	46.77	0.166	30	
Bromoform	46.46	5.0	50	0	92.9	76.9-120	46.25	0.447	30	
Bromomethane	44.2	10	50	0	88.4	58.9-132	47.57	7.33	30	
Carbon disulfide	101.3	10	100	0	101	75.6-121	101.2	0.0792	30	
Carbon tetrachloride	47.22	5.0	50	0	94.4	71.8-130	46.05	2.5	30	
Chlorobenzene	47.13	5.0	50	0	94.3	80-120	47.88	1.59	30	
Chloroethane	48.08	10	50	0	96.2	62.5-135	49.77	3.45	30	
Chloroform	47.35	5.0	50	0	94.7	74.5-120	48.52	2.45	30	
Chloromethane	45.36	10	50	0	90.7	62.8-129	48.81	7.32	30	
cis-1,2-Dichloroethene	48.44	5.0	50	0	96.9	76.4-121	48.13	0.644	30	
cis-1,3-Dichloropropene	44.44	5.0	50	0	88.9	72.7-120	44.15	0.666	30	
Dibromochloromethane	46.8	5.0	50	0	93.6	71.5-120	45.38	3.08	30	
Ethylbenzene	49.24	5.0	50	0	98.5	79.9-122	49.08	0.33	30	
m,p-Xylene	98.43	10	100	0	98.4	79.6-125	97.38	1.07	30	
Methyl tert-butyl ether	47.04	5.0	50	0	94.1	73.7-120	46.16	1.88	30	
Methylene chloride	59.83	10	50	0	120	61.4-120	47.76	22.4	30	
n-Butylbenzene	47.48	5.0	50	0	95	78-124	46.51	2.07	30	
Naphthalene	47.97	5.0	50	0	95.9	73.6-129	46.59	2.92	30	
o-Xylene	48.07	5.0	50	0	96.1	79.4-122	48.27	0.414	30	
sec-Butylbenzene	49.76	5.0	50	0	99.5	78.5-120	49.04	1.45	30	
Styrene	48.07	5.0	50	0	96.1	79.6-123	47.41	1.39	30	
Tetrachloroethene	48.38	5.0	50	0	96.8	79.5-125	47.9	1	30	
Toluene	48.02	5.0	50	0	96	79.1-123	47.66	0.742	30	
trans-1,2-Dichloroethene	48.18	5.0	50	0	96.4	76.3-124	47.26	1.92	30	
trans-1,3-Dichloropropene	44.55	5.0	50	0	89.1	65-127	43.15	3.19	30	
Trichloroethene	48.98	5.0	50	0	98	77.1-121	49.7	1.44	30	

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 & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41884**	Instrument ID **VOA5**		Method: **SW8260**						
Vinyl chloride	51.07	2.0	50	0	102	66.1-129	49.92	2.27	30
Xylenes, Total	146.5	15	150	0	97.7	79.4-125	145.6	0.582	30
Surr: 1,2-Dichloroethane-d4	*47.79*	0	*50*	0	*95.6*	*70-128*	48.78	*2.06*	*30*
Surr: 4-Bromofluorobenzene	*50.5*	0	*50*	0	*101*	*73-126*	53.08	*4.99*	*30*
Surr: Dibromofluoromethane	*50.59*	0	*50*	0	*101*	*71-128*	51.01	*0.836*	*30*
Surr: Toluene-d8	*52.08*	0	*50*	0	*104*	*73-127*	52.85	*1.47*	*30*

The following samples were analyzed in this batch: 0609219-01A

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

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609219
Project: 92067647/N Velasco

QC BATCH REPORT

Batch ID: **R41817** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0609191-11C-DUP** Units: **wt%** Analysis Date: **09/19/06 0:00**

Client ID: Run ID: **BALANCE1_060919B** SeqNo: **952707** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15.92	0.010	0	0	0	0-0	15.98	0.385	20	

DUP Sample ID: **0609215-01C-DUP** Units: **wt%** Analysis Date: **09/19/06 0:00**

Client ID: Run ID: **BALANCE1_060919B** SeqNo: **952718** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.06	0.010	0	0	0	0-0	19.61	2.84	20	

The following samples were analyzed in this batch: 0609219-01A

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

Chain of Custody Form

Page 1 of 1

e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 68249

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	~~Harris County Flood Control~~ N Velasco	A	VOC (8260)
Work Order		Project Number	92067647	B	TPH (TX-1005)
Company Name	HBC Terracon	Bill To Company	HBC Terracon	C	Herbicides (8151)
Send Report To	~~Scott Keough~~ Prasad Rajulu	Invoice Attn	~~Scott Keough~~ Prasad Rajulu	D	Pesticides (8081)
Address	11555 Clay Road	Address	11555 Clay Road	E	SVOC (8270)
	Suite 100		Suite 100	F	Formaldehyde
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-6 (43-44)	9/15/06	1032	Soil	ICE	1 (80z)	X	X			X						
2	MS/MSD	↓	↓	↓	↓	↓	X	X			X						
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method

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

Results Due Date:

Relinquished by:	Date: 9/15/06	Time: 13:40	Received by:	Notes: 5 days TAT per J.C.
Relinquished by:	Date:	Time:	Received by (Laboratory):	e-Lab Analytical Cooler ID: / Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)

- ☑ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☐ TRRP CheckList
- ☐ TRRP Level IV

Preservative Key: 1-HCl; 2-HNO3; 3-H2SO4; 4-NaOH; 5-Na2S2O3; 6-NaHSO4; 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: 9/15/2006 1:40:00 PM

Work Order Number 0609219

Received by: EBF

Checklist completed by _____ 9/15/06
Signature Date

Reviewed by _____ 9/18/06
Initials Date

Matrix: S

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):	3.2c	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: No trip blank was received.

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: 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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* - 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: 0609262
Project: 92067647/North of Valsco
Lab ID: 0609262-01

Client Sample ID: MW-1A
Collection Date: 9/19/2006 11:20:00 AM
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

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

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco
Lab ID: 0609262-01

Client Sample ID: MW-1A
Collection Date: 9/19/2006 11:20:00 AM
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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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
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

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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-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

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
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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

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
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
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

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	**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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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
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

Qualifiers:

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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
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
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

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
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

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
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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E - Value above quantitation range
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

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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
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

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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
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

Qualifiers:

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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
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

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
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:

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.

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			

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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			

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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: **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								

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P - Dual Column results percent difference > 40%
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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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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			

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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

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

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	

ND - Not Detected at the Reporting Limit
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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	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	

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**

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								

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	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

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**

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		

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	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

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**

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		

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	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

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**

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

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O - Referenced analyte value is > 4 times amount spiked

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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

Chain of Custody Form

Page 1 of 1

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

e-Lab Project Manager:

e-Lab Work Order #: 92662

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92067647	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 9-5035

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 7:56:00 AM

Work Order Number 0609262

Received by: RSZ

Checklist completed by _____ Signature 9/20/06 Date

Reviewed by _____ Initials 9/21/06 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.

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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

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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

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S - Spike Recovery outside accepted recovery limits
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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

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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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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
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

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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-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:

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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
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:

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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

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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: Sep 27, 2006

METHOD DETECTION / REPORTING LIMITS

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

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

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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

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**

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

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**

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								

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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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 & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

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

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**

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

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	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

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**

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								

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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

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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**

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
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S - Spike Recovery 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: **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

J - Analyte detected below quantitation limits

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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 & 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	

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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

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**

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								

ND - Not Detected at the Reporting Limit

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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	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

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	45.49	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

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B - Analyte detected in assoc. Method Blank
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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

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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 #: 0609502

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 [initials] 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 _____