TEC Environmental
a division of **Technology, Engineering, & Construction, Inc.**
262 Michelle Court • So. San Francisco, CA 94080-6201 • www.tecenvironmental.com
Tel: (650) 616-1200 • Fax: (650) 616-1244 • Contractor's Lic. #762034

January 30, 2012

Ms. Karel Detterman, P.G.
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: **PERJURY STATEMENT**

SITE: **FORMER OLYMPIAN SERVICE STATION**
1435 WEBSTER STREET
ALAMEDA, CALIFORNIA 94501
FLC # RO0000193

Dear Ms. Detterman:

I declare under penalty of perjury that the information and/or recommendations contained in the attached proposal or report is true and correct.

Thank you for your cooperation and assistance on this project. If you have any questions, feel free to contact me at (650) 596-8950.

Sincerely,

Fred Bertetta
Responsible Party

TEC Environmental
a division of **Technology, Engineering, & Construction, Inc.**
262 Michelle Court • So. San Francisco, CA 94080-6201 • www.tecenvironmental.com
Tel: (650) 616-1200 • Fax: (650) 616-1244 • Contractor's Lic. #762034

January 30, 2012

Ms. Karel Detterman, P.G.
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: **2011 OXIDIZER INJECTION PILOT TEST AND SECOND SEMI-ANNUAL GROUNDWATER MONITORING REPORT**

SITE: **FORMER OLYMPIAN SERVICE STATION**
1435 WEBSTER STREET
ALAMEDA, CALIFORNIA 94501
FLC # RO0000193

Dear Ms. Detterman:

On behalf of Olympian JV, Technology, Engineering & Construction, Inc. is pleased to submit the oxidizer injection pilot test and second semi-annual groundwater monitoring report for the above-referenced site.

Thank you for your cooperation and assistance on this project. If you have any questions or concerns, please contact the undersigned at (650) 616-1214.

Sincerely,
Technology, Engineering
& Construction, Inc.

Elise Sbarbori
Project Manager

cc: Mr. Fred Bertetta c/o Ms. Janet Heikel, Olympian, 1300 Industrial Road, Suite 2, San Carlos, California 94070
Mr. Jeff Farrar, via email
Mr. Ed Firestone, via email
Mr. and Mrs. Charles A. & Ose M. Begley, 2592 Pine View Dr., Fortuna, California 95540

2011 OXIDIZER INJECTION PILOT TEST AND SECOND SEMI-ANNUAL GROUNDWATER MONITORING REPORT

FORMER OLYMPIAN SERVICE STATION
1435 WEBSTER STREET
ALAMEDA, CALIFORNIA 94501

FLC #: RO0000193

PREPARED FOR:

OLYMPIAN JV
AND
ALAMEDA COUNTY HEALTH AGENCY

PREPARED BY:

TECHNOLOGY, ENGINEERING & CONSTRUCTION, INC.
PROJECT #: E-480 AND E-521

INJECTION DATES:

OCTOBER 4-5, 2011

SAMPLING DATES:

SEPTEMBER 30, OCTOBER 26-27,
DECEMBER 6, DECEMBER 13, 2011

REPORT DATE:

JANUARY 30, 2012

TEC ENVIRONMENTAL

TABLE OF CONTENTS

PAGE

TABLES

FIGURES

CHART

ATTACHMENTS

1.0 INTRODUCTION

On behalf of Olympian JV, Technology, Engineering & Construction, Inc. (TEC) conducted the oxidizer injection pilot test and 2011 second semi-annual groundwater monitoring event at the former Olympian Service Station located at 1435 Webster Street, Alameda, California. The site is the location of a subsurface release of petroleum hydrocarbons related to the former gasoline underground storage tanks (USTs) that were removed in 1989.

This report includes the site environmental background, procedures and results of the oxidizer injection pilot test, including baseline and post-injection monitoring, and the second semi-annual groundwater monitoring event. The pilot test was intended to reduce concentrations of site contaminants of concern (COCs), to determine the efficacy of hydrogen peroxide injection as a remedial alternative and determine whether future injection rounds of hydrogen peroxide would be required to achieve site cleanup goals. The work was completed in accordance with the approved *Updated Site Conceptual Model, Health Risk Assessment, Feasibility Study, and Corrective Action Plan* (workplan), the *Corrective Action Plan Addendum* (addendum) and the Alameda County Environmental Health Department (ACEHD) directive letter dated July 1, 2011. A vicinity map and site map are provided as Figures 1 and 2, respectively.

2.0 SITE DESCRIPTION

The site is located on the corner of Webster Street and Taylor Avenue in Alameda, California. Prior to 1989, the site was occupied by an Olympian Service Station. Station facilities consisted of two 10,000-gallon gasoline USTs, one 7,500-gallon diesel UST, one 500-gallon waste oil UST and two dispenser islands (Figure 2).

The surrounding topography is flat and the site is approximately 20 feet above mean sea level. The site is situated in a mixed commercial and residential area and is currently used as a parking lot, however the site owner wishes to redevelop the property as mixed commercial (ground floor) / residential.

3.0 ENVIRONMENTAL BACKGROUND

A historical timeline of relevant activities at the subject site is presented in Section 3.1; a summary of the current site condition, including the monitoring well network and general chemical of concern (COC) distribution, is presented in Section 3.2.

3.1 Site Timeline

October 1988 Soil gas analysis performed onsite identified significant concentrations of total hydrocarbons as propane in soil gas.

September 1989 Two 10,000-gallon gasoline USTs, one 7,500-gallon diesel UST and one 500-gallon waste oil UST removed by TEC Accutite; petroleum hydrocarbons detected in soil beneath former tank location.

January 1991 Approximately 950 cubic yards of soil were removed from the former location of the USTs; this soil was bioremediated onsite and returned to the former excavation.

January 1993 Three monitoring wells installed onsite (MW-1 through MW-3); no petroleum hydrocarbons detected in soil.

February 1999 Four soil borings advanced on- and offsite (B-1 through B-4); petroleum hydrocarbon concentrations detected in soil and groundwater.

December 1999 Three monitoring wells, installed onsite (MW-4 through MW-6); petroleum hydrocarbons detected in soil.

November 2000 Site conceptual model (SCM) completed; potential for benzene vapor-phase migration from hydrocarbon affected groundwater to indoor and ambient air identified as an exposure pathway requiring futher evaluation.

June 2001 Four soil borings advanced [B-1 through B-4 (second set of B-1 through B-4)]; no petroleum hydrocarbons detected in soil; petroleum hydrocarbons detected in groundwater.

February 2002 Site-specific risk assessment performed; compounds of concern identified as TPHg and benzene.

May 2003 Eight soil vapor probes advanced onsite (SV-1 through SV-7); petroleum hydrocarbons detected below their respective Environmental Screening Levels (ESLs).

September 2005 SCM updated; uncertainties identified in onsite benzene vapor concentrations and offsite groundwater conditions.

June 2006 Eight soil borings advanced (SP-1 through SP-8); petroleum hydrocarbons detected in soil above constituent ESLs.

November 2006 Seventeen soil borings advanced (CB-1 through CB-17) to determine excavation limits; petroleum hydrocarbons detected at concentrations below ESLs and/or laboratory detection limits at depths shallower than 8 feet bsg.

December 2006 Five soil borings advanced (DB-1 through DB-5); onsite soils classified as Class II waste; monitoring wells MW-1 and MW-5 abandoned by pressure grouting.

February 2007 Interim remedial action conducted; 992.54 tons of soil excavated from site; 15,000 gallons of groundwater pumped from open excavation pit, sediment removed and carbon-filtered, and discharged to sewer under permit.

March 2007 Two monitoring wells installed onsite (MW-7 and MW-8).

July 2007 Thirteen off-site soil borings advanced (B-6 through B-18); off-site plume defined in all directions except crossgradient to the northeast.

July 2007 Thirteen off-site soil borings advanced (B-6 through B-18); off-site plume defined in all directions except crossgradient to the northeast.

July 2009 Six off-site soil borings advanced (B-19 through B-24); off-site plume fully defined. One groundwater monitoring well (MW-9) installed in the public right-of-way on Webster Street. Five permanent nested vapor monitoring points installed onsite; no petroleum hydrocarbons detected in onsite soil vapor.

February 2010 *Updated Site Conceptual Model, Health Risk Assessment, Feasibility Study and Corrective Action Plan* submitted to the Alameda County Health Agency. Hydrogen peroxide injection identified as the most effective remedial alternative.

March 2011 *Corrective Action Plan Addendum* submitted to the Alameda County Health Agency.

April 2011 Baseline sampling for chromium, hexavalent chromium and other metals completed onsite. Total chromium was detected in wells MW-3, MW-4, MW-6 and MW-7. Chromium was detected at low levels in the hexavalent (oxidized) state in wells MW-3 and MW-4.

3.2 Site Condition

The site currently has seven groundwater monitoring wells (MW-2 through MW-4 and MW-6 through MW-9) and five dual-completed vapor monitoring points (VMP-1 through VMP-5). Locations of site monitoring wells are presented in Figure 2. Groundwater monitoring well construction details and activity schedule are presented in Table 1. Chemicals of concern (COCs) for the site include petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), and methyl tert-butyl ether (MTBE). The source of the contamination was the former USTs, which were removed in 1989. TEC continues to monitor all active groundwater monitoring wells associated with the site on a semi-annual basis.

4.0 BASELINE AND CONFIRMATION MONITORING AND SAMPLING PROCEDURES

TEC conducted the second semi-annual monitoring event on September 30, 2011. This event was conducted as a baseline monitoring event to measure hydrocarbon concentrations in groundwater prior to oxidizer injections. Additionally, TEC conducted post-injection monitoring events on October 26, and December 6, 2011, approximately 3 and 9 weeks after injection, respectively. Post-injecton events were intended to monitor hydrocarbon concentrations and metals concentrations (specifically hexavalent chromium) in groundwater following the introduction of the oxidizer into the subsurface. Field data sheets from the groundwater sampling events are presented as Attachment A.

4.1 Groundwater Monitoring

Upon arrival to the site, a TEC technician uncapped all active site groundwater monitoring wells (MW-2 through MW-4 and MW-6 through MW-9) and allowed the water level in each well to fully equilibrate prior to measuring the depth to water. Wells were gauged to the nearest 0.01 foot using an electric water level meter and recorded on the well sampling logs.

During the September 30 event, wells were purged by removing approximately three casing-water volumes of groundwater from each well with a submersible pump, with the exception of wells MW-4 and MW-8, which went dry after purging 1.5 and 2.3 casing volumes, respectively. After water levels in each well recovered to a minimum of 80% of the pre-purge level, groundwater samples were collected with dedicated new disposable bailers. During the October 26 and December 6 events, the wells were purged and sampled using a carbon dioxide gas-driven portable bladder pump (QED Micropurge) using a low-flow purge and sample protocol. Optimal flow rates ranged from 100 to 140 milliliters per minute.

Indicator parameters such as pH, dissolved oxygen (DO), temperature, conductivity, and oxygen reduction potential (ORP) were monitored using an in-line flow cell system, and recorded on the field data sheets every five minutes. Purging continued until three consecutive parameter readings had stabilized. During these events, the indicator parameters stabilized in each well following approximately 15 to 25 minutes of continuous purging (2.3 to 3.8 liters).

Groundwater samples collected during the 3 sampling events were transferred to laboratory supplied, HCl preserved 40-milliliter volatile organic analysis vials (VOAs); during the October 26 and December 6 events, samples were also collected in unpreserved 250-milliliter polyethylene sample containers. The groundwater samples were labeled, placed on ice in an insulated container, and transported to Torrent Laboratory, Inc., a California state-certified laboratory, under chain-of-custody documentation for analysis.

All groundwater samples were analyzed for TPHg, BTEX compounds, and fuel oxygenates by EPA Method 8260B. Additionally, samples collected during the October 26 and December 6 events were analyzed for dissolved metals (Fe, Cr, Se, As) by EPA Method 6020B, hexavalent chromium by EPA Method 7196, and ferrous iron by method SM3500D. The laboratory analytical reports and chain-of-custody documentation are presented in Attachment B.

All non-dedicated monitoring and sampling equipment, including the submersible pump, bladder pump and water analyzer, were decomtaminated prior to sampling the first well, and between wells using phosphate-free detergent and rinsed with potable and de-ionized water. Dedicated well equipment, including pump bladders, Teflon-lined tubing and compression fittings were used for each well. TEC's standard operatoring procedures for low-flow sampling are included in Attachment C.

4.2 Baseline and Confirmation Soil Sampling

On October 4, 2011, immediately prior to injection, TEC collected soil samples at locations I-A3, I-B1, I-B6 and I-C1, representing each target remediation area. Ten weeks following the injections, on December 6, 2011, TEC collected soil samples from borings advanced adjacent to the baseline sampling locations to assess the efficacy of oxidizer injection in removing sorbed contaminants in the smear zone. Confirmation borings were designated A-1, A-2, A-3 and A-4 (Figure 2)

4.2.1 Pre-Field Activities

TEC completed the following tasks prior to field mobilization:

- As required by the Occupational Health and Safety Administration (OSHA), and by the California OSHA, TEC prepared a site-specific Health and Safety Plan prior to the commencement of fieldwork. The plan was reviewed and signed by field staff and contractors before beginning field operations, and was in the possession of TEC personnel while conducting activities at the site.

- TEC obtained a drilling permit from the Alameda County Public Works Agency (ACPWA) prior to commencing fieldwork (Attachment D).

- More than 48 hours prior to the initiation of fieldwork, TEC personnel marked the soil boring locations with white paint and contacted Underground Service Alert of Northern California (USA). Additionally, a private subsurface utility locator completed a detailed survey of the proposed soil boring locations on February 8, 2011 to identify any subsurface utilities and obstructions. The results of the survey were reported in the *Corrective Action Plan Addendum* (2011).

- TEC contracted with RSI Drilling, a C-57 licensed drilling company with extensive experience in chemical injection work.

4.2.2 Soil Boring and Sampling

Prior to drilling, borings I-A3, I-B1, I-B6, I-C1, and A-1 through A-4 were cleared to 5 ft bsg using a hand auger. After clearing, each boring was advanced to a total depth of 14 ft bsg using a direct push technology (DPT) drill rig equipped with Macrocore rods lined with acetate sleeves. Soil cores were collected from each boring in the acetate sleeves. The lithology of each boring was viewed continuously and logged in accordance with the Unified Soil Classification System. Soil samples were collected from target depths by cutting an approximately 6-inch length of the acetate sleeve, capping each end, properly labeling the sample and placing it in an ice chest with ice.. Splits of each soil sample were screened for volatile organic compounds (VOCs) by sealing the soil within a plastic bag, placing the bag in a warm location allowing volatiles to accumulate in the bag headspace, and screening the headspace for VOCs using a calibrated PID. One soil sample from each boring was submitted for laboratory analysis based on

PID results and field observations. Observations (unusual odor or staining), sample IDs and PID readings were recorded on the boring logs (Attachment E).

After reaching total boring depth, the drill rods were removed from each boring and a temporary ¾-inch diameter PVC casing was installed for grab groundwater collection. Grab groundwater samples were collected from each boring using a properly decontamined steel bailer and transferred to HCl-preserved VOAs, which were stored in an insulated container with ice pending shipment to Torrent Laboratory for analysis.

All grab groundwater and selected soil samples were submitted for laboratory analysis under chain-of-custody documentation and analyzed for TPHg, BTEX compounds, and fuel oxygenates by EPA Method 8260B.

All non-disposable sampling materials, including drill rods and steel bailer, were cleaned using a phosphate-free detergent and triple rinsed with potable water. Disposable sampling materials, including acetate liners and temporary casings, were used for each boring. Borings were backfilled following injection activities as described in Section 5.1, below.

4.3 Baseline and Confirmation Soil Vapor Monitoring

Soil vapor monitoring was conducted before remedial activities on October 3, 2011, and following remedial activities on October 27 and December 13, 2011.

4.3.1 Soil Vapor Monitoring Methods

Soil vapor samples were collected from each vapor sampling point with a “lung sampler,” an air tight box with a sample observation window and exterior tubing ports connected to the sample source and a vacuum pump. For each sample, a new Tedlar bag was attached to the interior fitting of the inlet connection on the inside of the box. Prior to sample collection, ambient air was purged from the sample tubing by activating the vacuum pump with the valve of the Tedlar bag closed. After purging, the Tedlar bag valve was opened. The vacuum pump created negative pressure in the box which drew soil gas into the Tedlar bag. After the Tedlar bag filled, an exterior valve was closed, the box was opened, and the Tedlar bag valve was closed. The Tedlar bag was then connected to a calibrated photo-ionization detector (PID) and screened for total volatile organic compounds (VOCs).

During the October 27 vapor monitoring event, soil vapor samples and sample splits were collected from points VMP-1 through VMP-6 for laboratory submittal and for in-field screening by PID. During the October 3 and December 12 sampling events, Tedlar bag samples were field screened by PID only. Field measurements are included in Attachment A and are summarized in Table 2. The laboratory analytical report is provided in Attachment B.

4.4 Electronic Laboratory Data Submittal

All report documents and data, including boring logs, an updated site map, well data, and laboratory analytical reports, were submitted in electronic format to GeoTracker, the California online geospatial database. This report was converted to PDF format and submitted as a GEO_REPORT file. Attachment F contains the GeoTracker submission confirmations.

5.0 CORRECTIVE ACTION: OXIDIZER INJECTION

On October 5 and 6, 2011 TEC conducted a pilot test to determine the feasibility of hydrogen peroxide injection as a remedial technology for addressing residual contaminants in site soil and groundwater. The following sections describe the pre-field activities, injection procedures and sampling protocols.

5.1 Oxidizer Injection and Workplan Deviation

The scope of the pilot test included the first round of injections and associated monitoring described in the workplan. Hydrogen peroxide was injected at a total of 10 locations, including points I-A2, I-A3 and I-A5 in target area A, points I-B1, I-B2, I-B4 and I-B6 in target area B, and points I-C1, I-C2 and I-C4 in target area C as shown on Figure 3. Due to the observed surface breaching of heated water mixed with diluted injection material 5 to 20 ft away from several injection areas, TEC decreased oxidizer injection volumes at locations near the pubic right-of-way, to avoid potential damage to shallow utilities located in the sidewalk along Webster Street. Additionally, because the observed radius of influence (ROI) was larger than the anticipated ROI (as inferred by the presence of heated water at the surface at significant distances from some injection points), TEC did not space the injections as closely as proposed; consequently, proposed locations I-A1, I-A4 and I-B3, I-B5 and I-C3 were not advanced.

At each injection location, a solution of 7% hydrogen peroxide was injected into the subsurface through specially designed 5-foot injection points attached to hollow DPT rods. The injection points were advanced to 14 ft bsg using the DPT rig and the outer sleeve was pulled back to target the depth zone between 9 and 14 ft bsg. Injection locations are shown on Figure 2; injection volumes at each location are summarized on Figure 3 and in Table 3. The hydrogen peroxide solution was injected into the subsurface at flow rates ranging from 0.4 to 5.6 gallons per minute (gpm), but were generally maintained at between 1 and 2 gpm. Initial injection pressures at each point were elevated (as high as 160 psi), but decreased significantly in the first few minutes of injection and in general were maintained at 0 psi for the duration of the injection period. Injection pressures were kept low (0 psi) to prevent surface breaching along the injection rods or at distance.

Surface breaching of heated water occurred at distance during injection at borings I-A5, I-B6 and I-C1, at approximately 5 ft to the southeast, 20 ft to the south, and 20 ft to the southwest, respectively. Surface breaches occurred randomly around injection locations at features such as cracks in the asphalt pavement, in landscaped areas, and through pre-existing field points (vapor point VMP-1). Injection was terminated if surface breaching was observed.

During the injection activities and as part of process monitoring, a TEC technician observed and recorded measured pressures and flow rates at each injection location. Parameters including pH, temperature, ORP, dissolved oxygen, and conductivity were monitored in nearby groundwater monitoring wells during injection of the hydrogen peroxide solution. To determine if unsafe levels of explosive gases were being generated during the injection process, soil vapor samples were collected from selected vapor monitoring points in Tedlar bags using a lung sampler for in-field analysis by PID and a lower explosive level (LEL) meter. However, due to the significant concentrations of oxygen generated during injection, the LEL meter malfunctioned prior to completing injection activities.

Groundwater and soil vapor monitoring field sheets are presented in Attachment A. Soil vapor monitoring field data are summarized on Table 2.

Following completion of sampling and/or injection activities, all borings were backfilled to near surface grade through a tremie pipe with neat cement grout in accordance with the ACPWA, and completed to match existing surface grade.

5.2 Injection Monitoring

While injecting at borings I-C2 and I-C4, a TEC technician measured temperature, conductivity, DO concentration, pH and ORP in well MW-8, located approximately 20 ft from the injection location. Monitored temperatures ranged from 19.77 to 19.94 degrees Celsius and did not appear to show an overall decreasing or increasing trend. However, conductivity and pH increased significantly and DO and ORP decreased. When injecting at location I-C1, surface breaching was observed 20 feet away from the injection location and the ground was warm to the touch.

During injection at boring I-B4, measured temperatures and conductivities in nearby well MW-7 (approximately 10 ft distance) remained relatively stable. Over the injection period, temperatures ranged from 20.41 to 20.60 degrees Celsius showing a slight increasing trend. Measured conductivities ranged from 7588 to 7660 uS/cm. Measured dissolved oxygen concentrations ranged from 2.25 to 2.91 mg/L and showed an overall decreasing trend during injection. ORP ranged from 199.3 mV to 251.2 mV, decreasing during injection. The pH readings increased from 6.60 pH units prior to injection to 6.83 pH units during injection.

Generally, conductivity and ORP increased across the site over the injection period. However, data collected on October 5, 2011 are suspect because the water analyzer (YSI mulitparameter meter) could not be calibrated properly the following day. The faulty water analyzer was replaced on October 6, 2011.

6.0 MONITORING RESULTS

6.1 Groundwater

6.1.1 Groundwater Elevation and Flow Direction

The calculated groundwater gradient based on groundwater elevations was toward the southwest at 0.003 feet/foot (ft/ft) during the September 30 and December 6 monitoring events. Groundwater elevations are presented in Table 4 and groundwater gradient maps are presented as Figures 4 and 5.

6.1.2 Petroleum Hydrocarbons in Groundwater

Analytical results of the 3 groundwater monitoring events conducted during the second half of 2011 are summarized below:

- **September 30, 2011** - the highest concentrations of petroleum hydrocarbons in groundwater were detected in the sample from well MW-8 (2,500 ug/L TPHg, 140 ug/L benzene, 2.0 ug/L toluene, 38 ug/L ethylbenzene, 5.3 ug/L xylenes, 5,600 ug/L MTBE, 8.2 ug/L DIPE and 180 1,2-DCA). The sample from well MW-4 contained 73 ug/L TPHg and 70 ug/L MTBE. The TPHg results in both wells MW-4 and MW-8 were flagged as being due to a discrete peak (MTBE). All other wells contained non-detectable concentrations of TPHg and BTEX compounds and relatively low concentrations of MTBE ranging from <0.5 to 12 ug/L.

- **October 26, 2011** - well MW-8 contained 6,900 ug/L TPHg, 3.7 ug/L benzene, 0.59 ug/L ethylbenzene, 6,600 ug/L MTBE, and 16 ug/L DIPE. TPHg and BTEX compounds were not detected in any other monitored wells during that event. MTBE was not detected in any other wells with the exception of MW-2 (20 ug/L) and MW-4 (80 ug/L).

- **December 6, 2011** - well MW-8 contained 2,100 ug/L TPHg, 4.3 ug/L benzene, 0.52 ug/L toluene, 0.56 ug/L ethylbenzene, 10,000 ug/L MTBE, 16 ug/L DIPE, and 590 ug/L TBA. The sample from well MW-4 contained 110 ug/L TPHg, 140 ug/L MTBE and 14 ug/L TBA. TPHg and BTEX compounds were not detected in any other monitored wells during that event. MTBE was not detected in any other wells with the exception of MW-2 (15 ug/L).

Groundwater analytical results are summarized in Table 5 and Figure 6.

6.1.3 Dissolved Metals in Groundwater

During the October 26 groundwater monitoring event, wells MW-3 and MW-4 contained detectable concentrations of total chromium (2.9 ug/L and 2.7 ug/L, respectively) and hexavalent chromium (18 ug/L and 17 ug/L, respectively). No other wells contained detectable concentrations of hexavalent chromium. Samples from wells MW-6 and MW-7 contained total chromium at concentrations of 0.54 ug/L and 1.7 ug/L, respectively.

During the December 6 groundwater monitoring event, no wells contained hexavalent chromium at levels above laboratory detection limits. Dissolved total chromium was detected in wells MW-3, MW-4, MW-6 and MW-7 at concentrations ranging from 0.53 ug/L to 3.4 ug/L.

Arsenic concentrations ranged from non-detectable (<0.3 ug/L) to 7.2 ug/L in all sampled wells. Selenium was not detected above the laboratory reporting limits during either monitoring event.

Ferrous iron was detected in wells MW-2 and MW-8 only. Ferrous iron was detected at a concentration of 2,800 ug/L in well MW-8 during the October sampling event and at 200 ug/L and 120 ug/L in well MW-2 during the October and December sampling events, respectively. Total iron was detected in well MW-8 at concentrations of 2,000 ug/L (October) and 5,600 ug/L (December); in all other wells, concentrations of total iron ranged from 2.9 to 510 ug/L.

A summary of the dissolved metals analytical results are presented in Table 6.

6.2 Soil and Grab Groundwater

In borings advanced prior to chemical injection (I-A3, I-B1, I-B6 and I-C1), chemicals of concern were detected in soil in borings in target area B only (I-B1 and I-B6); however, staining, odor and elevated PID readings were noted during drilling at all locations. The sample from boring I-B1 collected at 9 ft bsg contained 170 milligrams per kilogram (mg/kg) TPHg, 2.3 mg/kg ethylbenzene, and 3.1 mg/kg total xylenes. The sample from boring I-B6 collected at 9 ft bsg contained 150 mg/kg TPHg, 2.3 mg/kg ethylbenzene, and 7.4 mg/kg total xylenes. Benzene, toluene and MTBE were not detected above laboratory reporting limits in either sample.

Samples from confirmation borings A-1, A-2, A-3 and A-4 (collocated with injection borings I-A3, I-B1, I-B6 and I-C1, respectively), did not contain detectable concentrations of BTEX compounds or MTBE, with the exception of sample A-3@9', which contained low concentrations of ethylbenzene (0.13 mg/kg) and xylenes (0.43 mg/kg). TPHg was detected in samples from target area B samples only; the sample from boring A-2 contained 49 mg/kg TPHg and from boring A-3 contained 12 mg/kg TPHg.

Pre-injection grab groundwater samples contained from 2,600 ug/L TPHg (I-C1) to 20,000 ug/L TPHg (I-B6), and elevated concentrations of BTEX compounds. Grab groundwater samples did not contain detectable concentrations of MTBE with the exception of the sample collected from I-B6, which contained MTBE at a concentration of 720 ug/L.

Grab groundwater samples collected approximately 9 weeks following injection contained concentrations of TPHg an order of magnitude higher than those collected prior to injection. Concentrations of TPHg ranged from 56,000 ug/L in groundwater collected from boring A-4 (target area C) to 240,000 ug/L in boring A-1 (target area A). Post-injection samples contained MTBE at concentrations ranging from 57 ug/L (A-4) to 1,400 ug/L (A-3), and concentrations of BTEX compounds in excess of calculated site-specific cleanup goals.

Soil and grab groundwater analytical results are summarized in Tables 7 and 8. The laboratory analytical report is included in Attachment B.

6.3 Soil Vapor

During the October 3 vapor monitoring event (PID screening only), all points contained 0.0 ppm volatile organic compounds (VOCs) with the exception of point VMP-3(4) which contained 0.3 ppm total VOCs.

During injection activities on October 4 and 5, vapor points VMP-1(4), VMP-1(8), VMP-2(4), VMP-2(8), and VMP-4(8) contained concentrations of volatile organics over the working range of the PID (>1,000 ppm). Points VMP-1, VMP-2 and VMP-4 are located in the immediate vicinities of target areas A, B, and

C, respectively. Elevated concentrations of VOCs (greater than baseline concentrations) were measured at all other vapor monitoring points during injection activities.

During the October 27 post-injection monitoring event, PID concentrations ranged from 0.0 ppm (at points VMP-2, VMP-3 and VMP-4 at 4 ft bsg and at points VMP-3 and VMP-5 at 8 ft bsg) to 18.2 ppm at point VMP-2(8). Sample splits submitted for laboratory analysis did not contain detectable concentrations of target analytes with the exception of 55.1 ug/m^3 of m,p-xylenes at point VMP-2(8) and 15.6 ug/m^3 of m,p-xylenes at point VMP-1(8). The laboratory report case narrative included a note stating the gasoline results were "corrected for contribution from [a] non-fuel compound (unknown single peak) within the gasoline quantitation range. Where no TPH as Gasoline compounds (BTEX) are present result reported as 'ND'." The laboratory was unable to identify the compound, but did state that the compound was not included in the EPA Method 8260 list. In addition, the laboratory advised that based on previous experience, the unidentified compound was likely associated with the Tedlar-type bags.

During the December 13 post-injection monitoring event, PID readings at all points were 0.0 ppm.

Soil vapor analytical results are included in Table 9; field results are summarized in Table 2 and included in the field sheets (Attachment A).

7.0 CONCLUSIONS AND RECOMMENDATIONS

- For the September 30 and December 6 groundwater monitoring events, the general groundwater flow was toward the southwest at approximately 0.003 ft/ft, within historical precedent for seasonal change in groundwater elevation and gradient.

- Although sustained injection pressures were kept low throughout the pilot test (0 psi), surface breaching of heated water was observed on several occasions as far as 20 feet away from the injection location, further than the expected radius of influence. Although site lithology is characterized as being relatively homogeneous, it appeared that reaction products (water vapor) and injection material were being displaced along preferential flow pathways. The exothermic hydrogen peroxide reaction produces a significant amount of heat which likely produced water vapor in the subsurface that migrated to the surface through preferential flow pathways.

- Wells monitored for changes in temperature, conductivity, pH, oxidation-reduction potential and dissolved oxygen observed during injection indicated there was influence from injection points advanced at 20 ft from the well location. Generally, conductivity and pH increased in wells across the site, and dissolved oxygen and ORP decreased in wells across the site over the injection period. However, data collected on the first day of injection may be suspect due to a malfunctioning water analyzer.

- During injection activities, concentrations of volatile organic compounds at vapor monitoring points VMP-1, VMP-2 and VMP-4 increased to levels above the working range of the PID meter (>1,000 ppm). Concentrations of volatiles in soil gas increased at all other sampled points. Samples collected 3 weeks following injection and submitted for laboratory analysis confirmed levels of COCs had returned to low to non-detectable pre-test concentrations.

- Soil samples collected at 9 ft bsg from remediation target areas A and C did not contain detectable concentrations of COCs. Soil samples collected from target area B contained elevated concentrations of TPHg, ethylbenzene, and total xylenes, which were reduced to acceptable levels (non-detectable or below ESLs and site-specific treatment levels [SSTLs]) following the injection activities.

- Grab groundwater samples collected from confirmation soil borings advanced 9 weeks following hydrogen peroxide injection contained hydrocarbon concentrations an order of magnitude higher than those collected immediately prior to remedial activity. Based on these data, TEC concludes

that the decreased soil concentrations may be due in small part to desorption and mobilization of contaminants to groundwater. Injection of any material into the subsurface may cause mobilization of dissolved-phase contamination due to displacement. Based on TEC's experience, concentrations of dissolved organic contaminant levels increase immediately following an injection event, after which they permanently decrease as the contaminant mass is degraded and the dissolved phase re-equilibrates with the saturated soil and is degraded under natural conditions.

- As observed in previous investigations, grab groundwater concentrations were elevated when compared with data from nearby groundwater monitoring wells. The grab groundwater samples collected from borings I-B1 and I-B6 contained concentrations of TPHg at 20,000 and 12,000 ug/L, respectively; the sample collected from monitoring well MW-7, located between the two borings, did not contain detectable concentrations of TPHg. Based on TEC's experience at this and other sites, grab groundwater samples often yield elevated or inconsistent results due to sample agitation and desorption of COCs from soil during collection.

- MTBE concentrations in well MW-8 increased following injection and show an increasing trend between the September (pre-injection), October (post-injection) and December (post-injection) monitoring events. However, reported MTBE concentrations in well MW-8 are within the range of historically monitored concentrations, and may be related to seasonal changes in groundwater elevation. Groundwater concentration data collected since the historically low concentrations reported in April 2011 show an increasing trend. However, reported MTBE concentrations in well MW-8 have shown a significant decreasing trend in samples collected during the first and third quarters (Chart 1).

- BTEX compounds in well MW-8 have shown a decreasing trend following injection activity.

- During the October 26 groundwater monitoring event, chromium in the hexavalent (oxidized) state was detected in wells MW-3 and MW-4 at concentrations of 18 ug/L and 17 ug/L respectively, which exceeds the most stringent environmental screening level (11 ug/L). However, wells MW-3 and MW-4 are not located in the targeted injection area, and contained detectable concentrations of hexavalent chromium prior to injection. During the December 6 groundwater monitoring event, approximately 9 weeks following injection, hexavalent chromium was not detected above laboratory reporting limits in any monitored wells. Based on the monitored baseline and post-injection concentrations it does not appear that hexavalent chromium is of concern at this site. Moreover, based on the relatively low concentrations of total chromium in source zone wells, it does not appear that even full oxidation of Cr(III) to Cr(VI) would produce concentrations in excess of appropriate screening levels during future peroxide injection events.

- During the September, October and December monitoring events, dissolved-phase COCs were non-detectable or detected below approved SSTLs in all permanently installed monitoring points with the exception of MTBE in well MW-8. The extant monitoring well network indicates impacted groundwater occurs in the vicinity of well MW-8 only. However, historical grab groundwater samples VMP-1, VMP-2, VMP-3 and grab samples collected prior to and following injection from points I-B6, A-1, A-3 and A-4 contained concentrations of BTEX compounds and/or MTBE which exceeded SSTLs. Site contaminants continue to be non-detectable or detected at very low levels in soil vapor samples collected at 4 ft bsg and 8 ft bsg across the site, and following the recent injection activities, sorbed concentrations of COCs in the vadose zone were reduced to levels below SSTLS. Remaining site contamination occurs below 9 ft bsg in groundwater or as sorbed materials already in contact with groundwater, appears stable, and has a limited lateral extent (occurs in localized areas bordering the excavation areas).

- To address residual dissolved-phase petroleum hydrocarbons, TEC recommends completing the two additional rounds of hydrogen peroxide injection as described in the ACDEH-approved corrective action plan and addendum.

8.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. Technology, Engineering & Construction Inc.'s liability is limited to the dollar amount of the work performed.

Thank you for your cooperation and assistance with this project. If you have any questions or concerns, please contact the undersigned at (650) 616-1200.

Sincerely,
Technology, Engineering
& Construction, Inc.

Elise Sbarbori
Project Manager

Reviewed by:

Paul B. Dotson, PG # 8237
Professional Geologist

TABLES

Table 1
Groundwater Monitoring Well Construction Details and Activity Schedule
Former Olympian Service Station
1435 Webster Street
Alameda, California

Monitoring Well Construction Details									Activity Schedule	
Well ID	Date Installed [1]	Total Depth	Diameter	Top of Screen	Bottom of Screen	Screen Length	Top of Casing [2]	Monitoring Status	Gauging	Sampling [3]
		(ft bsg)	(inches)	(ft bsg)	(ft bsg)	(feet)	(ft msl)		(semi-annually)	
MW-1	1/1/1993	24	2	6	24	18	19.53	Destroyed		
MW-2	1/1/1993	24	2	6	24	18	19.80	Active	√	√
MW-3	1/1/1993	24	2	6	24	18	19.79	Active	√	√
MW-4	12/1/1999	20	2	5	20	15	19.30	Active	√	√
MW-5	12/1/1999	20	2	5	20	15	18.99	Destroyed		
MW-6	12/1/1999	20	2	5	20	15	20.27	Active	√	√
MW-7	3/9/2007	20	4	10	20	10	18.93	Active	√	√
MW-8	3/9/2007	20	4	10	20	10	19.33	Active	√	√
MW-9	7/13/2009	20	4	5	20	15	18.83	Active	√	√

Notes

ft = feet
bsg = below surface grade
msl = mean sea level
[1] = Well installation date is given as first day of the installation month when exact well installation date is unknown
[2] = survey performed by Virgil Chavez Land Surveying (PLS #6323)
[3] = groundwater samples are routinely analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8260TPH, and for benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl-tert-butyl ether (MTBE), di-isopropyl ether (DIPE), tert-butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA) and 1,2- dibromoethane (EDB) by EPA Method 8260B.

TEC ENVIRONMENTAL

Table 2
Summary of Soil Vapor Field Data: Injection Monitoring
1435 Webster Street
Alameda, California

Vapor Point ID	Date	Time	VOC concentration (ppm)	Notes
VMP-1 (4)	10/3/2011	--	0.0	
	10/4/2011	12:10	over range*	sample collected during injection at I-A3
	10/5/2011	9:30	330	
	10/26/2011	--	1.2	
	12/13/2011	--	0.0	
VMP-1 (8)	10/3/2011	--	0.0	
	10/4/2011	12:10	over range*	sample collected during injection at I-A3
	10/5/2011	9:30	--	
	10/5/2011	15:30	--	
	10/26/2011	--	13.0	
	12/13/2011	--	0.0	
VMP-2 (4)	10/3/2011	--	0.0	
	10/5/2011	9:30	180*	
	10/5/2011	10:10	0.0	sample collected before injection @ I-B4
	10/5/2011	13:43	53.5	sample collected during injection @ I-B4
	10/5/2011	15:30	1109	sample collected immediately following injection @ I-B4
	10/26/2011	--	0.0	
	12/13/2011	--	0.0	
VMP-2 (8)	10/3/2011	--	0.0	
	10/5/2011	9:30	200*	
	10/5/2011	10:10	0.0	sample collected before injection @ I-B4
	10/5/2011	13:43	260	sample collected during injection @ I-B4
	10/5/2011	15:30	1034	sample collected imediately following injection @ I-B4
	10/26/2011	--	18.2	
	12/13/2011	--	0.0	
VMP-3 (4)	10/3/2011	--	0.3	
	10/5/2011	9:30	280*	
	10/5/2011	15:30	9.5	
	10/26/2011	--	0.0	
	12/13/2011	--	0.0	
VMP-3 (8)	10/3/2011	--	0.0	
	10/5/2011	9:30	240*	
	10/5/2011	15:30	16.0	
	10/26/2011	--	0.0	
	12/13/2011	--	0.0	

Table 2
Summary of Soil Vapor Field Data: Injection Monitoring
1435 Webster Street
Alameda, California

Vapor Point ID	Date	Time	VOC concentration (ppm)	Notes
VMP-4 (4)	10/3/2011	--	0.0	
	10/4/2011	12:30	200*	C-zone injection
	10/5/2011	9:30	880	
	10/5/2011	13:00	96.6	before inj. @ I-C2
	10/5/2011	15:30	108.9	
	10/26/2011	--	0.0	
	12/13/2011	--	0.0	
VMP-4 (8)	10/3/2011	--	0.0	
	10/4/2011	12:30	480*	C-zone injection
	10/5/2011	9:30	1840	
	10/5/2011	13:00	241	sample collected before injection at I-C2
	10/5/2011	15:30	252	
	10/26/2011	--	1.0	
	12/13/2011	--	0.0	
VMP-5 (4)	10/3/2011	--	0.0	
	10/5/2011	9:30	280*	
	10/5/2011	15:30	7.3	
	10/26/2011	--	1.3	
	12/13/2011	--	0.0	
VMP-5 (8)	10/3/2011	--	0.0	
	10/5/2011	9:30	200*	
	10/5/2011	15:30	12.1	
	10/26/2011	--	0.0	
	12/13/2011	--	0.0	

Notes:
VOC = volatile organic compound, measured by photo-ionization detector
* = LEL meter used to make measurement; gave inconsistent readings, switched to PID meter
ppm = parts per million
-- = Not recorded

Table 3
Injection Volumes
1435 Webster Street
Alameda, California

Boring ID	Date Advanced	Date(s) of Injection	Injection Interval	Injection Volume	Surface Breaching?	Notes
			(ft bsg)	(gallons)	(Y/N)	
I-A2	10/5/2011	10/5/2011	9-14	150	N	
I-A3	10/4/2011	10/4/2011	9-14	200	N	
I-A5	10/5/2011	10/5/2011	9-14	175	Y	Injection terminated after breaching within 5 ft lateral ft of boring I-A5 at VMP-1
I-B1	10/4/2011	10/4-10/5/2011	9-14	10	Y	Breaching at injection location (vertically up the drill rod)
I-B2	10/5/2011	10/5/2011	9-14	50	N	
I-B4	10/5/2011	10/5/2011	9-14	50	N	
I-B6	10/4/2011	10/4-10/5/2011	9-14	160	Y	Breaching 20 ft away from injection site in landscaped area
I-C1	10/4/2011	10/4-10/5/2011	9-14	195	Y	Surface breaching 20 ft southwest of boring location, cracks in asphalt
I-C2	10/5/2011	10/5/2011	9-14	3	Y	Breaching at injection location (vertically up the drill rod)
I-C4	10/5/2011	10/5/2011	9-14	85	N	
TOTAL INJECTION VOLUME				1,078		

Notes:
ft = feet
bsg = below surface grade
gal = gallons of 7% H_20_2 solution injected

TEC ENVIRONMENTAL

Table 4
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-1	19.53	6/3/1993	(1)	---
		9/14/1994	11.46	8.07
		12/30/1994	9.22	10.31
		3/26/1995	6.76	12.77
		7/9/1995	8.92	10.61
		7/31/1998	8.30	11.23
		2/11/1999	7.91	11.62
		6/23/1999	9.03	10.50
		12/6/1999	10.86	8.67
		3/16/2000	6.93	12.60
		6/13/2000	8.73	10.80
		9/29/2000	10.18	9.35
		3/22/2001	8.24	11.29
		6/25/2001	9.73	9.80
		9/28/2001	11.06	8.47
		12/26/2001	8.11	11.42
		07/0705	8.69	10.84
		10/19/2005	10.25	9.28
		1/13/2006	7.09	12.44
		5/5/2006	6.40	13.13
		7/19/2006	8.28	11.25
		10/5/2006	9.67	9.86
		***************Abandoned 12/27/2006***************		
MW-2	19.80	6/3/1993	9.54	10.26
		9/14/1994	11.82	7.98
		12/30/1994	9.46	10.34
		3/26/1995	6.82	12.98
		7/9/1995	9.22	10.58
		7/31/1998	8.56	11.24
		2/11/1999	8.12	11.68
		6/23/1999	9.33	10.47
		12/6/1999	11.20	8.60
		3/16/2000	6.88	12.92
		6/13/2000	8.99	10.81
		9/29/2000	10.40	9.40
		3/22/2001	8.46	11.34
		6/25/2001	10.11	9.69
		9/28/2001	11.40	8.40
		12/26/2001	8.28	11.52
		7/7/2005	8.99	10.81
		10/19/2005	10.63	9.17
		1/13/2006	7.15	12.65
		5/5/2006	6.43	13.37
		7/19/2006	8.57	11.23
		10/5/2006	10.05	9.75
		3/29/2007	8.83	10.97
		6/27/2007	9.86	9.94
		9/19/2007	10.89	8.91
		12/19/2007	10.78	9.02
		3/6/2008	8.48	11.32
		6/18/2008	10.23	9.57
		9/10/2008	11.36	8.44
		12/10/2008	11.89	7.91
		3/4/2009	8.68	11.12
		6/3/2009	9.91	9.89
		8/27/2009	11.16	8.64
		12/10/2009	11.32	8.48
		3/10/2010	7.99	11.81
		6/10/2010	9.13	10.67
		9/22/2010	10.95	8.85
		4/19/2011	7.43	12.37
		9/30/2011	10.54	9.26
		12/6/2011	10.79	9.01

Table 4
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-3	19.79	6/3/1993	9.80	9.99
		9/14/1994	12.19	7.60
		12/30/1994	9.72	10.07
		3/26/1995	6.88	12.91
		7/9/1995	9.52	10.27
		7/31/1998	8.40	11.39
		2/11/1999	7.77	12.02
		6/23/1999	9.21	10.58
		12/6/1999	11.12	8.67
		3/16/2000	6.48	13.31
		6/13/2000	8.76	11.03
		9/29/2000	10.20	9.59
		3/22/2001	8.24	11.55
		6/25/2001	10.04	9.75
		9/28/2001	11.34	8.45
		12/26/2001	8.01	11.78
		7/7/2005	8.84	10.95
		10/19/2005	10.58	9.21
		1/13/2006	6.85	12.94
		5/5/2006	6.11	13.68
		7/19/2006	8.41	11.38
		10/5/2006	10.02	9.77
		3/29/2007	9.71	10.08
		6/27/2007	9.82	9.97
		9/19/2007	10.88	8.91
		12/19/2007	10.68	9.11
		3/6/2008	8.30	11.49
		6/18/2008	10.18	9.61
		9/10/2008	11.33	8.46
		12/10/2008	11.89	7.90
		3/4/2009	8.40	11.39
		6/3/2009	9.81	9.98
		8/27/2009	11.18	8.61
		12/10/2009	11.30	8.49
		3/10/2010	7.78	12.01
		6/10/2010	9.02	10.77
		9/22/2010	10.96	8.83
		4/19/2011	7.22	12.57
		9/30/2011	10.52	9.27
		12/6/2011	10.78	9.01
MW-4	19.30	12/6/1999	10.79	8.51
		3/16/2000	6.86	12.44
		6/13/2000	8.18	11.12
		9/29/2000	10.11	9.19
		4/5/2001	8.26	11.04
		6/25/2001	9.68	9.62
		9/28/2001	10.98	8.32
		12/26/2001	8.18	11.12
		7/7/2005	8.77	10.53
		10/19/2005	10.24	9.06
		1/13/2006	(1)	(1)
		5/5/2006	(1)	(1)
		7/19/2006	8.38	10.92
		10/5/2006	9.65	9.65
		3/29/2007	8.55	10.75
		6/27/2007	9.40	9.90
		9/19/2007	10.45	8.85
		12/19/2007	10.35	8.95
		3/6/2008	8.25	11.05
		6/18/2008	9.80	9.50
		9/10/2008	10.89	8.41
		12/10/2008	11.43	7.87
		3/4/2009	8.47	10.83
		6/3/2009	9.53	9.77
		8/27/2009	10.72	8.58
		12/10/2009	10.85	8.45
		3/10/2010	7.87	11.43
		6/10/2010	8.87	10.43
		9/22/2010	10.52	8.78
		4/19/2011	7.43	11.87
		9/30/2011	10.15	9.15
		12/6/2011	10.41	8.89

Table 4
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-5	18.99	12/6/1999	10.17	8.82
		3/16/2000	6.28	12.71
		6/13/2000	7.95	11.04
		9/29/2000	9.54	9.45
		3/22/2001	7.48	11.51
		6/25/2001	9.05	9.94
		9/28/2001	10.39	8.60
		12/26/2001	7.28	11.71
		8/24/2005	7.87	11.12
		10/19/2005	9.51	9.48
		1/13/2006	6.35	12.64
		5/5/2006	5.64	13.35
		7/19/2006	7.41	11.58
		10/5/2006	8.89	10.10
		***************Abandoned 12/27/2006***************		
MW-6	20.27	12/6/1999	11.46	8.81
		3/16/2000	8.32	11.95
		6/13/2000	9.14	11.13
		9/29/2000	10.81	9.46
		3/22/2001	8.64	11.63
		6/25/2001	10.39	9.88
		9/28/2001	11.70	8.57
		12/26/2001	8.40	11.87
		7/7/2005	9.10	11.17
		10/19/2005	10.88	9.39
		1/13/2006	7.33	12.94
		5/5/2006	6.53	13.74
		7/19/2006	8.64	11.63
		10/5/2006	10.29	9.98
		3/29/2007	9.01	11.26
		6/27/2007	10.14	10.13
		9/19/2007	11.17	9.10
		12/19/2007	10.99	9.28
		3/6/2008	8.65	11.62
		6/18/2008	10.46	9.81
		9/10/2008	11.64	8.63
		12/10/2008	12.18	8.09
		3/4/2009	8.86	11.41
		6/3/2009	10.07	10.20
		8/27/2009	11.45	8.82
		12/10/2009	11.61	8.66
		3/10/2010	8.19	12.08
		6/10/2010	9.30	10.97
		9/22/2010	11.28	8.99
		4/19/2011	7.59	12.68
		9/30/2011	10.81	9.46
		12/6/2011	11.13	9.14
MW-7	18.93	3/29/2007	7.90	11.03
		6/27/2007	8.87	10.06
		9/19/2007	9.88	9.05
		12/19/2007	9.72	9.21
		3/6/2008	7.52	11.41
		6/18/2008	9.13	9.80
		9/10/2008	10.29	8.64
		12/10/2008	10.81	8.12
		3/4/2009	7.89	11.04
		6/3/2009	8.70	10.23
		8/27/2009	10.05	8.88
		12/10/2009	10.21	8.72
		3/10/2010	7.16	11.77
		6/10/2010	8.58	10.35
		9/22/2010	9.89	9.04
		4/19/2011	6.58	12.35
		9/30/2011	9.48	9.45
		12/6/2011	9.68	9.25

Table 4
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft msl)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-8	19.33	3/29/2007	8.40	10.93
		6/27/2007	9.33	10.00
		9/19/2007	10.31	9.02
		12/19/2007	10.23	9.10
		3/6/2008	9.14	10.19
		6/18/2008	9.74	9.59
		9/10/2008	10.76	8.57
		12/10/2008	11.31	8.02
		3/4/2009	8.59	10.74
		6/3/2009	9.51	9.82
		8/27/2009	10.57	8.76
		12/10/2009	10.72	8.61
		3/10/2010	7.77	11.56
		6/10/2010	8.01	11.32
		9/22/2010	10.39	8.94
		4/19/2011	7.36	11.97
		9/30/2011	9.97	9.36
		12/6/2011	10.22	9.11
MW-9	18.83	8/27/2009	10.01	8.82
		12/10/2009	10.16	8.67
		3/10/2010	7.31	11.52
		6/10/2010	8.14	10.69
		9/22/2010	9.86	8.97
		4/19/2011	6.86	11.97
		9/30/2011	9.48	9.35
		12/6/2011	9.65	9.18

Notes:
TOC = Top of Casing
ft msl = Feet referenced to mean sea level
--- = Not Available
(1) = Well not accessible due to obstruction by a parked car
yellow row = most recent data

Table 5
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter (µg/L)										
ESL		*100*	*100*	*1.0*	*40*	*30*	*20*	*5.0*	*---*	*---*	*12*	*0.5*
SSTLs		*---*	*---*	*940*	*4,300*	*760*	*7,100*	*1,300*	*---*	*---*	*---*	*---*
MW-1	6/3/1993	---	---	---	---	---	---	---	---	---	---	---
	9/14/1994	<50	14,000	44	28	25	50	---	800	---	---	---
	12/30/1994	<50	4,000	12	9	6.8	30	---	<500	---	---	---
	3/26/1995	<50	1,000	21	10	7.1	25	---	2,100	---	---	---
	7/9/1995	<50	16,000	57	28	25	53	---	---	---	---	---
	7/31/1998	1,700	4,700	**1,300**	48	140	150	**6,600**	<5000	---	---	---
	2/11/1999	2000	25,000	**18,000**	1,600	**1,400**	500	**28,000**	---	---	---	---
	6/23/1999	4,900	42,000	**11,000**	1,100	**1,500**	2,300	**15,000**	---	---	---	---
	12/6/1999	4,000	44,000	**8,900**	3,400	**1,900**	5,100	**11,000**	---	---	---	---
	3/16/2000	700	5,100	**2,400**	100	280	460	**2,700** [2]	---	---	---	---
	6/13/2000	2,800	17,000	**5,300**	260	720	790	**7,000** [2]	---	---	---	---
	9/29/2000	5,200 [1]	50,000	**11,000**	2,900	**1,900**	4,600	**7,200** [2]	---	---	---	---
	3/22/2001	1,500 [1]	8,600	**2,600**	750	250	950	**3,200** [2]	---	---	---	---
	6/25/2001	---	18,000	**1,200**	1,800	**970**	3,200	**1,500** [2]	---	---	---	---
	9/28/2001	---	48,000	**5,200**	**6,100**	**2,200**	**8,100**	**4,000**	---	---	---	---
	12/26/2001	---	524	216	1.2	8.6	7.4	**721**	---	---	---	---
	7/7/2005	---	1,500	190	15	36	29	1,100	---	<20	---	50
	10/19/2005	---	11,000	**2,100**	45	370	82	**4,600**	---	<250	<500	200
	1/13/2006	---	5,400	680	37	83	41	**3,900**	---	<250	<500	180
	5/5/2006	---	<25	2	<0.5	<0.5	<0.5	2.2	---	<5.0	<10	<0.5
	7/19/2006	---	5,000	836	22.3	107	81.8	**1,130**	---	<4.2	<84	54.1
	10/5/2006	---	23,000	**3,740**	112	395	161	6,020	---	13.5	546	219
		**********Well Abandoned 12/27/2006**********										
MW-2	6/3/1993	<50	<50	5.8	<0.5	<0.5	<0.5	---	<500	---	---	---
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	12/30/1994	<50	160	1.4	1.4	0.8	5	---	<500	---	---	---
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	7/9/1995	---	---	---	---	---	---	---	---	---	---	---
	7/31/1998	220	<50	<0.5	<0.5	<0.5	<0.5	73	<500	---	---	---
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	75	---	---	---	---
	6/23/1999	420	<50	<0.5	<0.5	<0.5	<0.5	96	---	---	---	---
	12/6/1999	<110	300	28	45	**6**	37	210	---	---	---	---
	3/16/2000	<50	<50	1	<0.5	0.5	1	3	---	---	---	---
	6/13/2000	<50	68	0.8	<0.5	<0.5	<0.5	38	---	---	---	---
	9/29/2000	<50	67	0.8	0.5	<0.5	1	86 [2]	---	---	---	---
	3/22/2001	<50	<50	1	0.5	<0.5	1	14	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	13	---	---	---	---
	9/28/2001	---	300	4	6	**3**	10	130	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	20	---	<1.0	---	1.1
	10/19/2005	---	29	1.4	<0.5 [3]	<0.5	<0.5	19	---	<5.0	<10	0.95
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	16.6	---	<0.5	<10	1.24
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	11.9	---	<0.5	<10	0.750
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	3.36	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	10.5	---	<0.5	<10	0.820
	9/19/2007	---	52 [4]	<0.5	<0.5	<0.5	<1.5	18.1	---	<0.5	<10	0.710
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	22.9	---	<0.5	<10	0.840
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	1.02	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	36.9	---	<0.5	<10	0.880
	9/10/2008	---	69 [4]	<0.5	<0.5	<0.5	<1.5	24.6	---	<0.5	<10	0.810
	12/10/2008	---	84 [4]	<0.5	<0.5	<0.5	<1.5	30.2	---	<0.5	<10	0.650
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	3.15	---	<0.5	<10	<0.5
	6/3/2009	---	<55	<0.55	<0.55	<0.55	<1.6	35	---	<0.55	<11	0.55
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	73	---	<0.5	23	1.1
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<30	<0.5
	9/22/2010	---	<50	<0.5	<0.5	<0.5	<1.5	44	---	<0.5	<5.0	1.3
	4/19/2011	---	<50	<0.5	<0.5	<0.5	<1.5	2.4	---	<0.5	<5.0	--
	9/30/2011	---	<50	<0.5	<0.5	<0.5	<1.5	12	---	<0.5	<5.0	0.80
	10/26/2011	---	<50	<0.5	<0.5	<0.5	<1.5	20	---	<0.5	<5.0	--
	12/6/2011	---	<50	<0.5	<0.5	<0.5	<1.5	15		<0.5	<5.0	--

Table 5
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter (µg/L)										
ESL		*100*	*100*	*1.0*	*40*	*30*	*20*	*5.0*	*---*	*---*	*12*	*0.5*
SSTLs		*---*	*---*	*940*	*4,300*	*760*	*7,100*	*1,300*	*---*	*---*	*---*	*---*
MW-3	6/3/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	12/30/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	---	<500	---	---	---
	7/9/1995	---	---	---	---	---	---	---	---	---	---	---
	7/31/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5000	---	---	---
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/23/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	3	---	---	---	---
	12/6/1999	<110	<50	3	1	<0.5	1	0.6	---	---	---	---
	3/16/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	1	---	---	---	---
	6/13/2000	<50	490	0.8	<0.5	<0.5	9	2	---	---	---	---
	9/29/2000	<50	57	<0.5	<0.5	<0.5	<1.0	<1.0 [2]	---	---	---	---
	3/22/2001	<50	<50	<0.5	<0.5	<0.5	<1.0	2	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	0.8	---	---	---	---
	9/28/2001	---	91	<0.5	<0.5	<0.5	2	2	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 [3]	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/3/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	8/27/2009	---	<55	<0.55	<0.55	<0.55	<1.6	<0.55	---	<1.55	<11	<0.55
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<30	<0.5
	9/22/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	<0.5
	4/19/2011	---	<50	<0.5	<0.5	<0.5	<1.5	2.9	---	<0.5	<5.0	---
	9/30/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	<0.5
	10/26/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	--
	12/6/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	--
MW-4	12/6/1999	160	<50	**3**	2	0.6	4	140	---	---	---	---
	3/16/2000	90	<50	0.5	0.5	<0.5	2	34	---	---	---	---
	6/13/2000	<50	56	<0.5	<0.5	<0.5	<1.0	1	---	---	---	---
	9/29/2000	<50	92	0.7	<0.5	<0.5	3	<1.0 [2]	---	---	---	---
	4/5/2001	<50	51	<0.5	0.5	<0.5	1	6 [2]	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	9/28/2001	---	<50	<0.5	<0.5	<0.5	2	2	---	---	---	---
	12/26/2001	---	<50	1.6	1.7	1.6	4.4	2.7	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 [3]	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	**********	**********	**********	**********	**********	Not sampled	**********	**********	**********	**********	**********
	5/5/2006	**********	**********	**********	**********	**********	Not sampled	**********	**********	**********	**********	**********
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	0.69	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	1.38	---	<0.5	<10	<0.5
	12/19/2007	---	63 [5]	<0.5	<0.5	<0.5	<1.5	2.20	---	<0.5	<10	0.590
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	0.700	---	<0.5	<10	<0.5
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	2.04	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	2.96	---	<0.5	<10	<0.5
	6/3/2009	---	<50	<0.5	<0.5	<0.5	<1.5	1.5	---	<0.5	<10	<0.5
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	4.9	---	<0.5	11	1.3
	12/10/2009	---	<50	<0.5	<0.5	<0.5	<1.5	4.1	---	<0.5	<5	0.71
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	9.8	---	<0.5	<30	<0.5
	6/10/2010	---	<50	<0.5	<0.5	<0.5	0.52	8.5	---	<0.5	6.1	1.8
	9/22/2010	---	<50	<0.5	<0.5	<0.5	<1.5	5.2	---	<0.5	5.1	1.1
	4/19/2011	---	<50	<0.5	<0.5	<0.5	<1.5	6.1	---	<0.5	<5.0	---
	9/30/2011	---	73 [5]	<0.5	<0.5	<0.5	<1.5	70	---	<0.5	<5.0	2.4
	10/26/2011	---	<50	<0.5	<0.5	<0.5	<1.5	80	---	<0.5	<5.0	--
	12/6/2011	---	110 [5]	<0.5	<0.5	<0.5	<1.5	140	---	<0.5	14	--
MW-5	12/6/1999	2,800	30,000	**2,200**	3,300	**910**	7000	670	---	---	---	---
	3/16/2000	1,100	3,500	**1,100**	260	210	6300	260	---	---	---	---
	6/13/2000	1,100	6,500	**2,200**	360	360	730	480	---	---	---	---
	9/29/2000	700 [1]	3,900	**990**	120	300	340	390 [2]	---	---	---	---
	3/22/2001	380 [1]	4,300	780	240	250	530	190	---	---	---	---
	6/25/2001	---	3,100	**1,000**	110	200	320	140	---	---	---	---
	9/28/2001	---	3,000	**1,200**	77	120	170	770	---	---	---	---
	12/26/2001	---	3,240	738	262	218	626	66.4	---	---	---	---
	8/24/2005	---	150	57	3	8	3.9	67	---	<1.0	18	3.0
	10/19/2005	---	560	130	3.8	23	9.3	230	---	<25	<50	11
	1/13/2006	---	2,300	570	18	120	140	220	---	<25	<50	14
	5/5/2006	---	130	35	1.7	7.8	7.4	8	---	<5.0	<10	0.55
	7/19/2006	---	210	102	1.54	15.8	3.85	27.6	---	<0.5	<10	2.06
	10/5/2006	---	410	105	1.06	9.05	2.24	101	---	0.640	11.3	6.65
		**********	**********	**********	**********	**Well Abandoned 12/27/2006**	**********	**********	**********	**********	**********	**********

Table 5
Summary of Groundwater Monitoring Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	Sample Date	TPHd	TPHg	B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA
		Concentrations in micrograms per liter (µg/L)										
ESL		*100*	*100*	*1.0*	*40*	*30*	*20*	*5.0*	*---*	*---*	*12*	*0.5*
SSTLs		*---*	*---*	*940*	*4,300*	*760*	*7,100*	*1,300*	*---*	*---*	*---*	*---*
MW-6	12/6/1999	110	<50	2	2	0.8	8	1	---	---	---	---
	3/16/2000	<50	<50	8	8	5	18	<0.5	---	---	---	---
	6/13/2000	<50	75	0.7	1	0.9	2	0.6	---	---	---	---
	9/29/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	---	---	---
	3/22/2001	<50	66	0.5	<0.5	<0.5	<1.0	3	---	---	---	---
	6/25/2001	---	<50	<0.5	<0.5	<0.5	<1.0	4	---	---	---	---
	9/28/2001	---	63	2	ND	ND	1	3	---	---	---	---
	12/26/2001	---	<50	<0.5	<0.5	<0.5	1.4	<0.5	---	---	---	---
	7/7/2005	---	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---	<1.0	---	<0.5
	10/19/2005	---	<25	<0.5	<0.5 [3]	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	1/13/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	5/5/2006	---	<25	<0.5	<0.5	<0.5	<0.5	<1.0	---	<5.0	<10	<0.5
	7/19/2006	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	10/5/2006	---	<50	<05	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
Post excavation	3/29/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/27/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/19/2007	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/18/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	9/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	6/3/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<10	<0.5
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<30	<0.5
	9/22/2010	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	<0.5
	4/19/2011	---	<50	<0.5	<0.5	<0.5	<1.5	0.63	---	<0.5	<5.0	---
	9/30/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	<0.5
	10/26/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	---
	12/6/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	---
MW-7	3/29/2007	---	840	50.8	9.33	2.54	162	39.9	---	<0.5	<10	2.26
	6/27/2007	---	270 [4]	126	<0.5	7.11	<1.5	94.4	---	0.550	58.4	6.21
	9/19/2007	---	191 [4]	0.5	<0.5	5.38	<1.5	49.6	---	<0.5	28.5	4.37
	12/19/2007	---	54	<0.5	<0.5	<0.5	<1.5	11.4	---	<0.5	<10	1.09
	3/6/2008	---	<50	<0.5	<0.5	<0.5	<1.5	4.83	---	<0.5	<10	0.59
	6/18/2008	---	<50	0.840	<0.5	0.500	<1.5	52.5	---	<0.5	15.3	5.70
	9/10/2008	---	55 [4]	<0.5	<0.5	<0.5	<1.5	15.3	---	<0.5	<10	1.98
	12/10/2008	---	<50	<0.5	<0.5	<0.5	<1.5	2.43	---	<0.5	<10	<0.5
	3/4/2009	---	<50	<0.5	<0.5	<0.5	<1.5	0.530	---	<0.5	<10	<0.5
	6/3/2009	---	<50	0.62	<0.5	<0.5	<1.5	5.2	---	<0.5	<10	<0.5
	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	4.8	---	<0.5	<10	0.55
	3/11/2010	---	<50	<0.5	<0.5	<0.5	<1.5	0.73	---	<0.5	<30	<0.5
	9/22/2010	---	<50	<0.5	<0.5	<0.5	<1.5	3.9	---	<0.5	<5.0	0.64
	4/19/2011	---	<50	<0.5	<0.5	<0.5	<1.5	2.0	---	<0.6	<5.0	---
	9/30/2011	---	<50	<0.5	<0.5	<0.5	<1.5	4.3	---	<0.5	<5.0	---
	10/26/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	---
	12/6/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	---
MW-8	4/6/2007	---	27,000	**2,460**	**1,520**	210	1,810	**16,000**	---	24.3	1,050	459
	6/27/2007	---	20,000	**2,460**	**382**	611	1,040	**7,310**	---	11.1	3,400	319
	9/19/2007	---	20,400 [4]	814	16.2	219	21.6	**10,300**	---	<4.40	7,080	194
	12/19/2007	---	14,100 [4]	426	10.6	115	22.4	**12,700**	---	25.0	864	289
	3/6/2008	---	19,000 [5]	639	19.5	268	152	**11,200**	---	<4.4	<88	227
	6/18/2008	---	5,800 [4]	496	11.7	258	24.4	**9,730**	---	15.7	468	209
	9/10/2008	---	9,900	299	11.1	73.0	13.6	**11,600**	---	27.1	1,670	240
	12/10/2008	---	6,900	477	3.98	57.9	22.6	**11,600**	---	23.1	634	287
	3/4/2009	---	8,500 [4]	168	1.35	17.3	8.59	**8,190**	---	7.00	2,050	238
	6/3/2009	---	11,000 [5]	490	3.90	57	16	**14,000**	---	<0.5	<10	310
	8/27/2009	---	5,400 [5]	340	8.3	67	37	**8,900**	---	21	2,900	300
	3/11/2010	---	7,900 [5]	660	3.7	100	28.3	**5,800**	---	18	1,100	150
	9/22/2010	---	4,700 [4]	**1,100**	<44	230	<132	**5,700**	---	<44	470	120
	4/19/2011	---	67 [6]	<0.5	<0.5	0.83	<1.5	20	---	<0.5	<5.0	---
	9/30/2011	---	2,500 [5]	140	2.0	38	5.3	**5,600**	---	8.2	<5.0	180
	10/26/2011	---	6,900 [5]	3.7	<0.5	0.59	<1.5	**6,600**	---	16	<440	---
	12/6/2011	---	2,100 [5]	4.3	0.52	0.56	<1.5	**10,000**	---	21	590	---
MW-9	8/27/2009	---	<50	<0.5	<0.5	<0.5	<1.5	12	---	<0.5	<10	0.76
	12/10/2009	---	<50	<0.5	0.50	<0.5	<1.5	4.8	---	<0.5	<5.0	<0.5
	3/10/2010	---	<50	<0.5	<0.5	<0.5	<1.5	3.8	---	<0.5	<30	<0.5
	6/10/2010	---	<50	<0.5	<0.5	<0.5	<1.5	7.4	---	<0.5	<5.0	0.6
	9/22/2010	---	<50	<0.5	<0.5	<0.5	<1.5	1.6	---	<0.5	<5.0	<0.5
	4/19/2011	---	<50	<0.5	<0.5	<0.5	<1.5	8.7	---	<0.5	<5.0	---
	9/30/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	<0.5
	10/26/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	---
	12/6/2011	---	<50	<0.5	<0.5	<0.5	<1.5	<0.5	---	<0.5	<5.0	---

Notes:

TPHd = Total Petroleum Hydrocarbons as Diesel (EPA Method 8015)

TPHg = Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015; after July 2005 by EPA 8260

BTEX = Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8020; after July 2005 by EPA 8260

Fuel Additives = Methyl-tert-butyl ether (MTBE), Di-isopropyl ether (DIPE), tert-Butyl alcohol (TBA), 1,2-Dichloroethane (1,2-DCA) by EPA Method 8260B

TRPH = Total Recoverable Petroleum Hydrocarbons

<X = Concentration less than laboratory reporting limit

--- = Not Analyzed

[1] = Does not match diesel chromatogram pattern

[2] = Confirmed by EPA Method 8260

[3] = Toluene was detected at concentrations of 1 ppb in sample from well MW-2, 0.74 ppb in sample from well MW-3, 0.9 ppb in sample from well MW-4, and 0.66 ppb in sample from well MW-6. Data were adjusted to non-detect because of the presence of toluene (0.81 ppb) in method blank and the sample results were less than 5 times in the blank (EPA, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, December 1994).

[4] = TPH Gasoline value is primarily due to individual peaks / non-target compounds within gasoline quantitative range.

[5] = TPH value due to individual peak(s) (MTBE and/or TBA) within gasoline quantitative range.

[6] = Does not match pattern of reference gasoline standard; hydrocarbons in the range of C5-C12 quantified as gasoline.

ESLs = Environmental Screening Levels **(Table F-1a)**, groundwater is a current or potential drinking water resource (CRWQCB, Interim Final, November 2007, revised May 2008).

SSTLs = site-specific treatment levels calculated in the Updated Site Conceptual Model, Health Risk Assessment, Feasibility Study, and Corrective Action Plan (TEC 2010).

bold = constituent exceeds SSTL

yellow row = most recent data

Table 6
Summary of Groundwater Analytical Results: Metals
1435 Webster Street
Alameda, California

Sample ID	Date Sampled	Fe	Fe(II)	Cr	Cr(VI)	As	Se
		concentrations in micrograms per liter (ug/L)					
MW-2	4/19/2011	25	<100	<0.5	<0.5	1.1	<1.0
	10/26/2011	24	200	<0.5	<10	1.9	<1.0
	12/6/2011	57	120	<0.5	<10	1.7	<1.0
MW-3	4/19/2011	200	<100	3.9	5.0	0.46	<1.0
	10/26/2011	91	<100	2.9	18	0.81	<1.0
	12/6/2011	510	<100	3.4	<10	<0.3	<1.0
MW-4	4/19/2011	9.3	<100	5.2	6.7	0.69	<1.0
	10/26/2011	40	<100	2.7	17	1.0	<1.0
	12/6/2011	110	<100	1.6	<10	0.31	<1.0
MW-6	4/19/2011	9.9	<100	<0.5	<0.5	1.1	<1.0
	10/26/2011	7.4	<100	0.54	<10	1.0	<1.0
	12/6/2011	39	<100	0.53	<10	<0.3	<1.0
MW-7	4/19/2011	1.5	<100	<0.5	<0.5	1.4	<1.0
	10/26/2011	12	220	1.7	<10	2.0	1.0
	12/6/2011	37	<100	1.5	<10	1.1	<1.0
MW-8	4/19/2011	2,100	1,200	<0.5	<0.5	4.4	<1.0
	10/26/2011	2,000	2,800	<0.5	<10	5.6	<1.0
	12/6/2011	5,600	<100	<0.5	<10	7.2	<1.0
MW-9	4/19/2011	4.8	<100	<0.5	<0.5	1.7	<1.0
	10/26/2011	2.9	<100	<0.5	<10	1.3	<1.0
	12/6/2011	34	<100	<0.5	<10	0.38	<1.0

Notes:
Fe, Cr, As, Se = total dissolved iron, chromium, arsenic and selenium by EPA Method 6020.
Cr(VI) = hexavalent chromium by method SW7199.
Fe(II) = ferrous iron by method H8146

TEC ENVIRONMENTAL

Table 7
Summary of Soil Analytical Results
Former Olympian Service Station
1435 Webster Avenue
Alameda, California

Field Point ID	Date	Depth (ft bsg)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Pb
			Concentrations in parts per million (ppm) (mg/kg)							
		ESL	*83*	*83*	*0.023*	*2.9*	*2.3*	*2.3*	*0.023*	*200*
		Approved SSTL	*--*	*--*	*0.39*	*3.3*	*0.68*	*6.6*	*0.63*	*--*
MW-1	6/12/1993	?	ND	ND	ND	ND	ND	ND	NA	NA
MW-2	6/12/1993	?	ND	ND	ND	ND	ND	ND	NA	NA
MW-3	6/12/1993	?	ND	ND	ND	ND	ND	ND	NA	NA
B1	2/11/1999	7.5	0.65	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
B2	2/11/1999	7.5	<0.5	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	2.0
B3	2/11/1999	6	<0.5	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	1.2
B4	2/11/1999	7.5	<0.5	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	1.2
MW-4	11/11/1999	9.5	<0.5	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	---
MW-5	11/10/1999	9.5	1,100	200	**3.4**	**21**	**14**	**70**	<0.005	---
MW-6	11/10/1999	9	<0.5	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	---
B1	6/27/2001	9	<0.5	---	<0.005	<0.005	<0.005	<0.01	<0.005	---
B2	6/27/2001	9	<0.5	---	<0.005	<0.005	<0.005	<0.01	<0.005	---
B3	6/27/2001	9	<0.5	---	<0.005	<0.005	<0.005	<0.01	<0.005	---
B4	6/27/2001	9	<0.5	---	<0.005	<0.005	<0.005	<0.01	<0.005	---
SP-1	6/12/2006	7.5	1,600 [2]	9.5 [4]	**0.44**	**5**	**38**	**190**	<4	---
SP-1	6/12/2006	10	1,530	12 [4]	**3.5**[J]	**23**	**28**	**150**	<4	---
SP-2	6/12/2006	7	586 [3]	8.8 [4]	0.033	<1	3.1	**13**	<2	---
SP-2	6/12/2006	10	360 [3]	8.8 [4]	**0.4**	0.58[J]	**4.9**	**23**	<2	---
SP-3	6/12/2006	8	114 [3]	2.4 [4]	<1	2.2	1.7[J]	**9.4**	<2	---
SP-3	6/12/2006	10	96.3 [3]	5.5 [4]	**0.46**	1.4[J]	1.2[J]	**7**	<2	---
SP-4	6/12/2006	4	0.0308	<2	<0.01	0.01	0.01	0.051	<0.01	---
SP-4	6/12/2006	7.5	1,240	29 [4]	**0.72**	2	**12**	**61**	<4	---
SP-4	6/12/2006	10	1,410	150 [4]	**6.30**	**45**	**18**	**93**	<4	---
SP-5	6/12/2006	7	758 [2]	42 [4]	**0.24**	1.7[J]	**4**	**35**	<4	---
SP-5	6/12/2006	10	1,100 [2]	68 [4]	**0.39**	**16**	**23**	**140**	<4	---
SP-6	6/12/2006	7	5.83 [3]	64 [4]	0.019[J]	0.037	0.48	0.71	<0.025	---
SP-6	6/12/2006	10	2.78 [3]	3.8 [4]	<0.02	0.0066	0.027	0.053	<0.02	---
SP-7	6/12/2006	7.5	1,100 [3]	200 [4]	0.032	0.027	0.066	0.29	<0.02	---
SP-7	6/12/2006	10	328 [3]	8.5 [4]	0.019[J]	2.1[J]	**3.3**[J]	**18**	<4	---
SP-8	6/12/2006	7	3,430	270 [4]	0.21	**4.8**[J]	**40**	**160**	<20	---
SP-8	6/12/2006	10	1,350	160 [4]	<10	**20**	**31**	**160**	<20	---
CB-2	11/15/2006	6	<0.5	<2.5 [1]	< 0.01	<0.01	<0.01	<0.01	<0.05	---
CB-2	11/15/2006	10	8,800	<120 [1]	<20	**190**	**92**	**490**	<100	---
CB-4	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-4	11/15/2006	12	2,100	<120 [1]	<5.0	**14**	**21**	**52**	<25	---
CB-5	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-5	11/15/2006	12	0.7	<2.5 [1]	<0.01	<0.01	0.013	0.067	<0.05	---
CB-6	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-6	11/15/2006	12	8,000	<12 [1]	**57**	**190**	**94**	**500**	<50	---
CB-7	11/15/2006	12	---	---	---	---	---	---	---	11
CB-8	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-8	11/15/2006	10	1,800	<5.0 [1]	<5.0	<5.0	**26**	**150**	<25	4.8
CB-9	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-9	11/15/2006	10	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---

Table 7
Summary of Soil Analytical Results
Former Olympian Service Station
1435 Webster Avenue
Alameda, California

Field Point ID	Date	Depth (ft bsg)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Pb
			Concentrations in parts per million (ppm) (mg/kg)							
		ESL	*83*	*83*	*0.023*	*2.9*	*2.3*	*2.3*	*0.023*	*200*
		Approved SSTL	*--*	*--*	*0.39*	*3.3*	*0.68*	*6.6*	*0.63*	*--*
CB-10	11/15/2006	8	2.2	<2.5 [1]	<0.01	<0.01	0.012	<0.01	<0.05	---
CB-10	11/15/2006	12	2,800	<12 [1]	<10	**34**	**45**	**200**	<50	---
CB-11	11/15/2006	8	0.53	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-11	11/15/2006	12	300	<62 [1]	<2.0	**3.8**	**4.8**	**25**	<10	---
CB-12	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-12	11/15/2006	12	<0.50	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-14	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-14	11/15/2006	12	1.0	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-16	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-17	11/15/2006	8	<0.5	<2.5	<0.01	<0.01	<0.01	<0.01	<0.05	---
CB-17	11/15/2006	12	10,000	<50 [1]	<20	**170**	**120**	**640**	<100	---
MW-8	3/9/2007	10	<0.1	<2.5	<.005	<.005	<.005	<.010	<.005	---
B-6	7/11/2007	8	0.196 [3]	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-6	7/11/2007	11	11.2 [5]	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-7	7/11/2007	6	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-7	7/11/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-8	7/11/2007	6	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-8	7/11/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-9	7/11/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-9	7/11/2007	11	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-10	7/11/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-10	7/11/2007	11	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-11	7/11/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-11	7/11/2007	11	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-12	7/11/2007	10	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-12	7/11/2007	12	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-13	7/10/2007	10	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-13	7/10/2007	12	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-14	7/10/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-14	7/10/2007	10	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-17	7/10/2007	8	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-17	7/10/2007	10	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-18	7/10/2007	10	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---
B-18	7/10/2007	12	<0.1	---	<0.05	<0.05	<0.05	<0.05	<0.01	---

Table 7
Summary of Soil Analytical Results
Former Olympian Service Station
1435 Webster Avenue
Alameda, California

Field Point ID	Date	Depth (ft bsg)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Pb
			Concentrations in parts per million (ppm) (mg/kg)							
		ESL	*83*	*83*	*0.023*	*2.9*	*2.3*	*2.3*	*0.023*	*200*
		Approved SSTL	*--*	*--*	*0.39*	*3.3*	*0.68*	*6.6*	*0.63*	*--*
B-19	7/7/2009	8	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-19	7/7/2009	12	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-20	7/7/2009	6	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-21	7/7/2009	6	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-21	7/7/2009	11	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-22	7/7/2009	8	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-22	7/7/2009	14	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-23	7/7/2009	8	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-23	7/7/2009	14	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-24	7/7/2009	8	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
B-24	7/7/2009	14	<1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
MW-9	7/13/2009	8	<0.1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
MW-9	7/13/2009	20*	<0.1	---	<0.011	<0.011	<0.011	<0.017	<0.011	---
I-A3	10/4/2011	9	<0.1	---	<0.010	<0.010	<0.010	<0.015	<0.010	---
A-1	12/6/2011	9	<0.1	---	<0.010	<0.010	<0.010	<0.015	<0.010	---
I-B1	10/4/2011	9	170 [5]	---	<1	<1	**2.3**	**3.1**	<1	---
A-2	12/6/2011	9	49 [2]	---	<0.05	<0.05	<0.05	<0.075	<0.05	---
I-B6	10/4/2011	9	150 [5]	---	<1	<1	**2.3**	**7.4**	<1	---
A-3	12/6/2011	9	12 [2,3]	---	<0.05	<0.05	0.13	0.43	<0.05	---
I-C1	10/4/2011	9	<0.1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---
A-4	12/6/2011	9	<0.1	---	<0.01	<0.01	<0.01	<0.015	<0.01	---

Notes:

Highlighed row = recent data

ESL = Environmental Screening Level, Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Table A-1 Shallow soils, groundwater is a drinking water resource, residential land use, CRWQCB, May 2008.

SSTL = Site-Specific Treatment Level

--- = Not Analyzed ? = Depth unknown

ND = No Detection at or above laboratory reporting limits

TPHg = Total petroleum hydrocarbons as gasoline, EPA Method 8015; 2009 samples by EPA Method 8260.

TPHd = Total petroleum hydrocarbons as diesel, EPA Method 8015.

Benzene, Ethylbenzene, Toluene, Xylenes, EPA Method 8020; 2009 samples by EPA Method 8260.

MTBE = Methyl tert-butyl ether, EPA Method 8020; 2009 samples by EPA Method 8260.

Pb = Lead, Method 7420

* = dry weight analysis.

[1] No diesel pattern present.

[2] Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline (possibly aged gasoline).

[3] Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline (heavy end).

[4] Sample chromatogram does not resemble typical diesel pattern. Unidentified lighter end hydrocarbons within the diesel range quantitated as diesel.

[5] Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline (includes non-target compounds).

[J] Value should be considered estimated.

Table 8
Summary of Grab Groundwater Analytical Results
Former Olympian Service Station
1435 Webster Avenue
Alameda, California

Sample ID	Date	TPHg	B	T	E	X	MTBE	EDB	EDC	Ethanol	ETBE	DIPE	t-Butanol	TAME
		Concentrations in micrograms per liter (µg/L)												
SSTL		--	940	4,300	760	7,100	1,300	--	--	--	--	--	--	--
ESL		*100*	*1*	*40*	*30*	*20*	*5*	*0.05*	*0.5*	---	---	---	*12*	---
B-1	6/27/2001	<50	<0.005	3	<0.005	<0.01	4	---	---	---	---	---	---	---
B-2	6/27/2001	<50	<0.005	0.9	0.5	2	4	---	---	---	---	---	---	---
B-3	6/27/2001	400	<0.005	1	0.6	1	3	---	---	---	---	---	---	---
B-4	6/27/2001	96	2	3	0.6	2	2	---	---	---	---	---	---	---
B-6	7/11/2007	1,180 [1]	<1.50	<1.32	50.7	<3.26	<1.72	<1.58	<1.58	<220	<1.85	<1.98	<6.60	<1.41
B-7	7/11/2007	250 [1]	8.79	0.52	13.6	<1.16	2.9	<0.565	<0.565	<78.5	<0.659	<0.706	<2.36	<0.502
B-8	7/11/2007	<73.5	<0.534	<0.471	<0.392	<1.16	6.83	<0.565	0.64	<78.5	<0.659	<0.706	<2.36	<0.502
B-9	7/11/2007	400 [1]	2.20	<1.32	<1.10	<3.26	433	<1.58	33.2	<220	<1.85	<1.98	164	<1.41
B-10	7/11/2007	<100	<0.598	<0.528	<0.440	<1.30	66.2	<0.634	5.44	<88.0	<0.739	<0.792	23.5	<0.563
B-11	7/11/2007	<91.5	<0.622	<0.549	<0.458	<1.35	<0.714	<0.659	<0.659	<91.5	<0.769	<0.824	<2.74	<0.586
B-12	7/10/2007	290 [2]	<0.598	<0.528	<0.440	<1.30	<0.686	<0.634	<0.634	<88.0	<0.739	<0.792	<2.64	<0.563
B-13	7/10/2007	<78.5	<0.534	<0.471	<0.392	<1.16	<0.612	<0.565	<0.565	<78.5	<0.659	<0.706	<2.36	<0.502
B-14	7/10/2007	<63.0	<0.394	<0.348	<0.290	<0.858	2.77	<0.418	<0.418	<58.0	<0.487	<0.522	<1.74	<0.371
B-15	7/10/2007	142 [1]	<0.68	<0.68	<0.68	<2.04	<0.68	<0.68	<0.68	<136	<0.68	<0.68	<13.6	<0.68
B-17	7/10/2007	<100	<0.622	<0.549	<0.458	<1.35	<0.714	<0.659	<0.659	<91.5	<0.769	<0.824	<2.74	<0.586
B-18	7/10/2007	<81.5	<0.575	<0.507	<0.422	<1.25	<0.659	<0.608	<0.608	<84.5	<0.710	<0.760	<2.54	<0.541
B-19	7/7/2009	<76	<0.76	<0.76	<0.76	<2.3	<0.76	---	---	---	<0.76	<0.76	<15	<0.76
B-20	7/7/2009	<69	<0.69	<0.69	<0.69	<2.1	<0.69	---	---	---	<0.69	<0.69	<14	<0.69
B-21	7/7/2009	<74	<0.74	<0.74	<0.74	<2.2	<0.74	---	---	---	<0.74	<0.74	<15	<0.74
B-22	7/7/2009	<82	<0.82	<0.82	<0.82	<2.4	<0.82	---	---	---	<0.82	<0.82	<16	<0.82
B-23	7/7/2009	<74	<0.74	<0.74	<0.74	<2.2	<0.74	---	---	---	<0.74	<0.74	<15	<0.74
B-24	7/7/2009	<76	<0.76	<0.76	<0.76	<2.3	1.0	---	---	---	<0.76	<0.76	<15	<0.76
VMP-1	7/13/2009	47,000	**1,500**	1,200	**1,900**	6,300	<22	---	---	---	<22	<22	<440	<22
VMP-2	7/14/2009	11,000 [2]	**970**	500	370	1,000	420	---	---	---	<4.4	<4.4	120	<4.4
VMP-3	7/14/2009	9,700 [1]	61	<5.5	280	16	**1,900**	---	---	---	<5.5	<5.5	<110	<5.5
VMP-4	7/13/2009	110,000 [2]	**4,100**	1,500	**3,000**	**17,000**	950	---	---	---	<44	<44	<880	<44
VMP-5	7/14/2009	<50	2.6	1.3	1.0	2.5	1.1	---	---	---	<0.5	<0.5	<10	<0.5
I-A3	10/4/2011	18,000	290	540	390	1,770	<5.5	---	---	---	<5.5	<5.5	<55	<5.5
A-1	12/6/2011	240,000	**8,000**	**9,500**	**3,700**	**12,400**	180	---	---	---	<44	<44	<440	<44
I-B1	10/4/2011	12,000 [3]	19	<2.2	300	352.2	<2.2	---	---	---	<2.2	<2.2	<22	<2.2
I-B6	10/4/2011	20,000 [4]	**6,100**	1,100	**1,800**	**2,380**	720	---	---	---	<22	<22	<22	<2.2
A-3	12/6/2011	150,000	**17,000**	**19,000**	**4,500**	**19,700**	**1,400**	---	---	---	<44	<44	**230**	<44
I-C1	10/4/2011	2,600	56	61	52	252	<0.5	---	---	---	<0.5	<0.5	<5	<0.5
A-4	12/6/2011	56,000	**3,300**	**4,600**	**1,700**	**8,400**	**57**	---	---	---	<44	<44	<440	<44

Notes and Abbreviations:

Bold = Concentration exceeds SSTL

SSTL = Site-specific treatment level

ESL = Environmental Screening Levels of CRWQCB, Table F-1a - (groundwater IS a current or potential drinking water resource), Interm Final - 2007, Revised May 2008.

TPHg = Total petroleum hydrocarbons as gasoline, EPA Method 8015.

B T E X = Benzene, Ethylbenzene, Toluene, Xylenes, EPA Method 8260.

MTBE = Methyl tert-butyl ether, EDB = 1,2-Dibromoethane, EDC = 1,2-Dichloroethane, Ethanol, ETBE = Ethyl tert-butyl ether, DIPE = Isopropyl ether, t-Butanol = t-Butyl alcohol, TAME = tert-Amyl methyl ether, EPA Method 8260.

[1] = Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline.

[2] = The pattern does not match typical gasoline; TPH value includes significant amount of non-target compounds.

[3] = Does not match pattern of reference Gasoline standard; reported TPH value includes contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons in the C5-C12 range quantified as Gasoline.

[4] = Does not match pattern of reference Gasoline standard; reported value includes amount due to discrete peaks of aromatic compounds and contribution from non-fuel hydrocarbons in range of C5-C12 quantified as gasoline.

<X = Concentration less than respective laboratory reporting limit.

--- = Not analyzed.

Table 9
Summary of Soil Vapor Sampling Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

Sample Point	Date	Sampling Duration	Sampling Depth	TPHg	B	T	E	X (m,p)	X (o)	MTBE	DIPE	ETBE	TAME	tBA	PCE	Isopropanol	Acetone	O_2	CH_4	CO_2
		min	ft	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	%	%	%
Standard for Comparison:				**ESLs:** 29,000	140	180,000	3,300	58,000		31,000	---	---	---	---	1,400	**DTSC Limit:** 10,000		21.9	0.00018	0.039
SV-1	5/14/2003	--	3.5	5,400	<1,000	1,900	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-2	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-3	5/14/2003	--	3.5	5,800	<1,000	3,700	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-4	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-5	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-6	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-7	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-7 dupl.	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
VMP-1 (4)	8/11/2009*	6	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	10	<33	22	15	<0.0023	4.8
	12/22/2009*	9	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	16	<0.0012	3.4
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-1 (8)	8/11/2009*	6	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	9	97	46	21	<0.0022	4.6
dupl.	8/11/2009*	10	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	8	110	51	25	<0.0024	3.6
	12/22/2009	6	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	16	<0.0012	5.4
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	15.6	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-2 (4)	8/11/2009*	15	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	32	<33	19	26	<0.0019	2.5
	12/22/2009*	8	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	15	<0.0012	3.7
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-2 (8)	8/11/2009*	11	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	15	170	<19	33	<0.0014	1.5
	12/22/2009*	10	8	<2,800	<3.2	<3.8	<4.3	<4.1	11	<3.6	--	--	--	--	--	<33	--	13	<0.0011	4.3
	10/27/2011**	<1	8	<7,000	<8.0	<9.4	<11	55.1	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-3 (4)	8/11/2009*	6	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	24	38	30	29	<0.0018	3.3
	12/22/2009*	9	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	22	<0.0011	4.5
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-3 (8)	8/11/2009*	5	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	21	<33	23	23	<0.0019	6.4
	12/22/2009*	7	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	7.4	<0.0011	9.5
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--

Table 9
Summary of Soil Vapor Sampling Analytical Results
Former Olympian Service Station
1435 Webster Street
Alameda, California

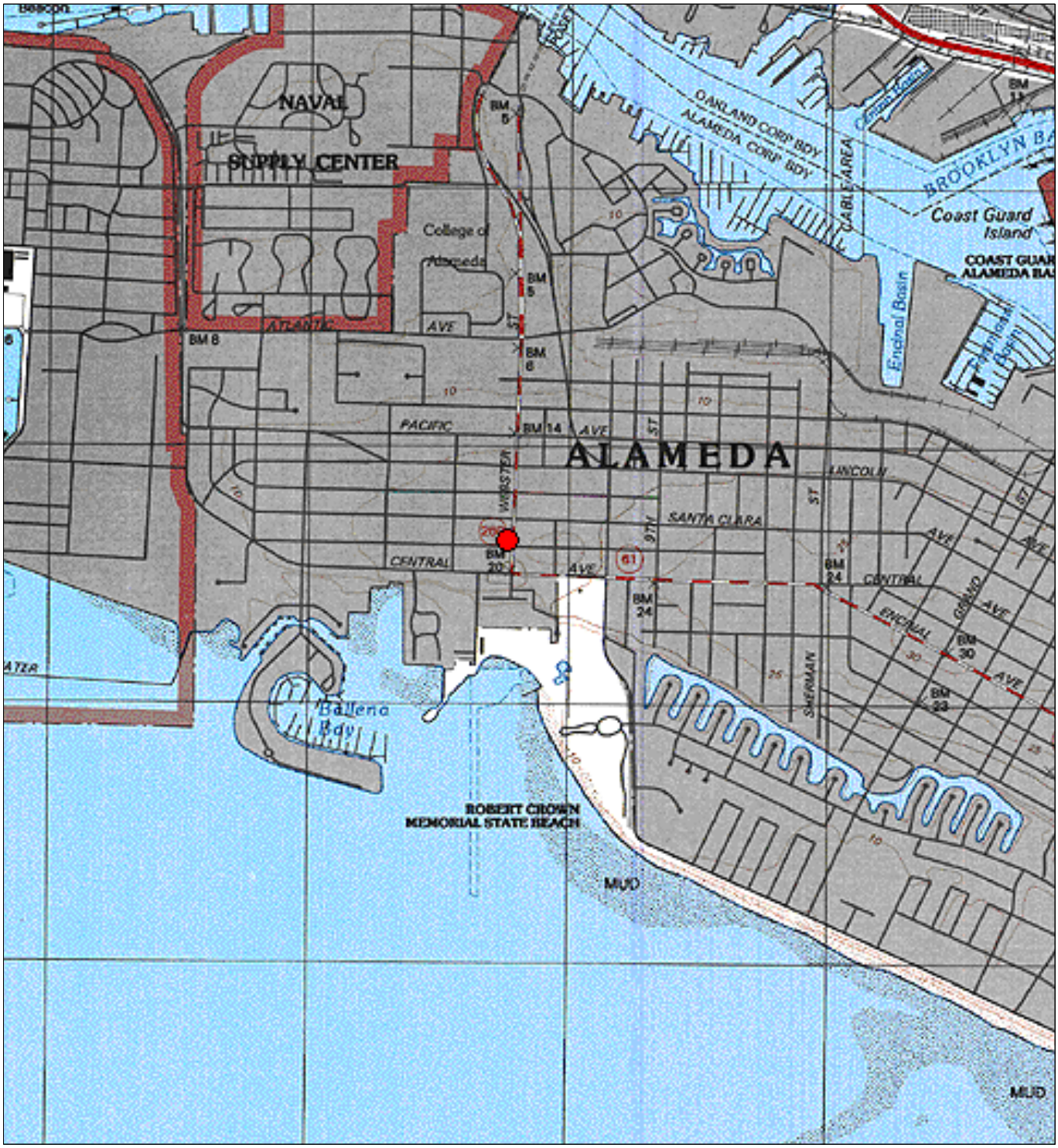
Sample Point	Date	Sampling Duration	Sampling Depth	TPHg	B	T	E	X (m,p)	X (o)	MTBE	DIPE	ETBE	TAME	tBA	PCE	Isopropanol	Acetone	O_2	CH_4	CO_2
		min	ft	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	%	%	%
Standard for Comparison:				**ESLs:** 29,000	140	180,000	3,300	58,000		31,000	---	---	---	---	1,400	**DTSC Limit:** 10,000		**Atmospheric Conc.:** 21.9	0.00018	0.039
VMP-4 (4)	8/11/2009*	6	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	7.7	39	45	34	<0.0016	1.4
	12/22/2009*	12	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	38	--	16	<0.0013	4.5
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-4 (8)	8/11/2009*	7	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	13	<33	38	16	<0.0015	5.0
	12/22/2009*	8	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	17	<0.0015	4.1
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-5 (4)	8/11/2009*	12	4	<3,000	<3.4	<4.1	<4.7	<4.4	<4.7	<3.9	<4.5	<4.5	<4.5	<13	30	<35	46	22	<0.0027	4.5
	12/22/2009*	9	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	33	<0.0011	1.5
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-5 (8)	8/11/2009*	8	8	<2,800	<3.2	6.7	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	14	<33	40	36	<0.0024	1.9
	12/22/2009*	7	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	22	<0.0016	3.5
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
Atmosphere #1 (ATM-01)	8/11/2009*	---	--	---	---	---	---	---	---	---	---	---	---	---	---	1,700,000E	---	---	---	---

Notes and Abbreviations:
2003 samples were collected in a calibrated syringe and analyzed by EPA Method 8260B.
* samples were collected in Summa canisters and analyzed by EPA Methods TO-3 and TO-15.
** samples collected using Tedlar bags and analyzed by EPA Methods TO-3 and TO-15.
-- = not analyzed or data not available
min = minutes
ug/m^3 = micrograms per cubic meter
B, T, E, X = benzene, toluene, ethyl benzene, xylenes
MTBE = methyl tert-butyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = tert-Amyl methyl ether
tBA = tert-Butyl alcohol
PCE = tetrachloroethene
O_2 = oxygen, CH_4 = methane, and CO_2 = carbon dioxide, by Method ASTM D-1946
dupl. = laboratory split and duplicate
E = estimated value; the amount exceeds the calibration range but is within linear working range of the instrument.
ESLs = Environmental Screening Levels, Table E-2 (Soil Gas in Shallow Soils, commercial/industrial land use scenario, lowest levels), California Regional Water Quality Control Board, Interim Final, November 2007, revised May 2008.
Concentrations above ESLs for soil gas are shown in **bold**
DTSC Limit = a standard, issued by the Department of Toxic Substances Control (2003), representing significant Isopropanol contamination
Atmospheric Conc. = average atmospheric concentration of each gas

TEC ENVIRONMENTAL

FIGURES

S:\1 Environmental, Dept\Active Sites\Olympian\1435 Webster, Alameda\FIGURES\QMRs\2009 3 1stQMR 1435 Webster 322-1-09.dwg, 3/17/2009 10:52:25 AM, aharris



0 1/2 1Mile

0 1,000m

N	Site Location Map By: TOPO! Date: 3/17/2009 Drafted By: AK	**SITE** 1435 Webster Street Alameda, California TEC ACCUTITE 262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244	**FIGURE** 1	**TITLE** **Vicinity Map**

S:\1 Environmental, Dept\Active Sites\Olympian\1435 Webster, Alameda\FIGURES\2011 Oxidizer Injections\2011 10 Oxidizer Injections 1435 Webster E-621.dwg, 1/10/2012 2:56:55 PM, E. Stanton, TEC Accutite

PARKING LOT

Sapporo Sushi Boat

Bar and Grill

Shoe Repair

Taqueria Calafia

RESIDENTIAL

SUBJECT SITE
1435 Webster Street
Alameda, CA

FORMER 500-GALLON WASTE OIL UST

FORMER 10,000-GALLON REG. GAS UST

FORMER 10,000-GALLON REG. GAS UST

FORMER 7,500-GALLON DIESEL UST

FORMER GAS ISLAND

FORMER GAS ISLAND

SIDEWALK

SIDEWALK

WEBSTER STREET

SIDEWALK

Dollar Store

Island Paradise Club

Giant Burger

TAYLOR AVENUE

SIDEWALK

SIDEWALK

Liquor Store

Japanese Resturaunt

Alameda Aquatics

Hair Salon

SIDEWALK

(Former Gas Station, 1950)
Existing US Bank

SIDEWALK

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9

VMP-1 VMP-2 VMP-3 VMP-4 VMP-5

SV-1 SV-2 SV-3 SV-4 SV-5 SV-6 SV-7

WEB1 WEB2 WEB3 WEB4

SP-1 SP-2 SP-3 SP-4 SP-5 SP-6 SP-7 SP-8

CB-1 CB-2 CB-3 CB-4 CB-5 CB-6 CB-7 CB-8 CB-9 CB-10 CB-11 CB-12 CB-13 CB-13A CB-14 CB-15 CB-16 CB-17

DB-1 DB-2 DB-3 DB-4 DB-5

B1 B2 B3 B4

B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21

A-1 A-2 A-3 A-4

I-A1 I-A2 I-A3 I-A5

I-B1 I-B2 I-B4 I-B6

I-C1 I-C2 I-C4

B-24 B-23 B-22

LEGEND

- I-A1 Hydrogen peroxide injection location
- A-4 Confirmation boring (post-injection)
- MW-2 Monitoring well location
- VMP-5 Vapor monitoring point (Jul.2009)
- B-19 - B-24 Soil boring location (Jun. 2009)
- B-6 - B-18 Soil boring location (Jul. 2007)
- SP-4 Soil boring location (June. 2006)
- DB-4 Soil boring location (Dec. 2006)
- CB-2 Pre-excavation boring location (Nov.2006)
- SV7 Soil vapor point (2003)
- B1-B4 Soil boring location (2001)
- B1-B4 Soil boring location (1999)
- Soil gas sample (1988)
- WEB2 Excavation confirmation sample (1991)
- Excavation Area (1991)
- Excavation Area (2007)
- Former UST / Dispenser Island
- UST Underground storage tank
- Sanitary sewer
- Water
- Gas
- Electric
- Communications

N

0 15 30
SCALE (ft)

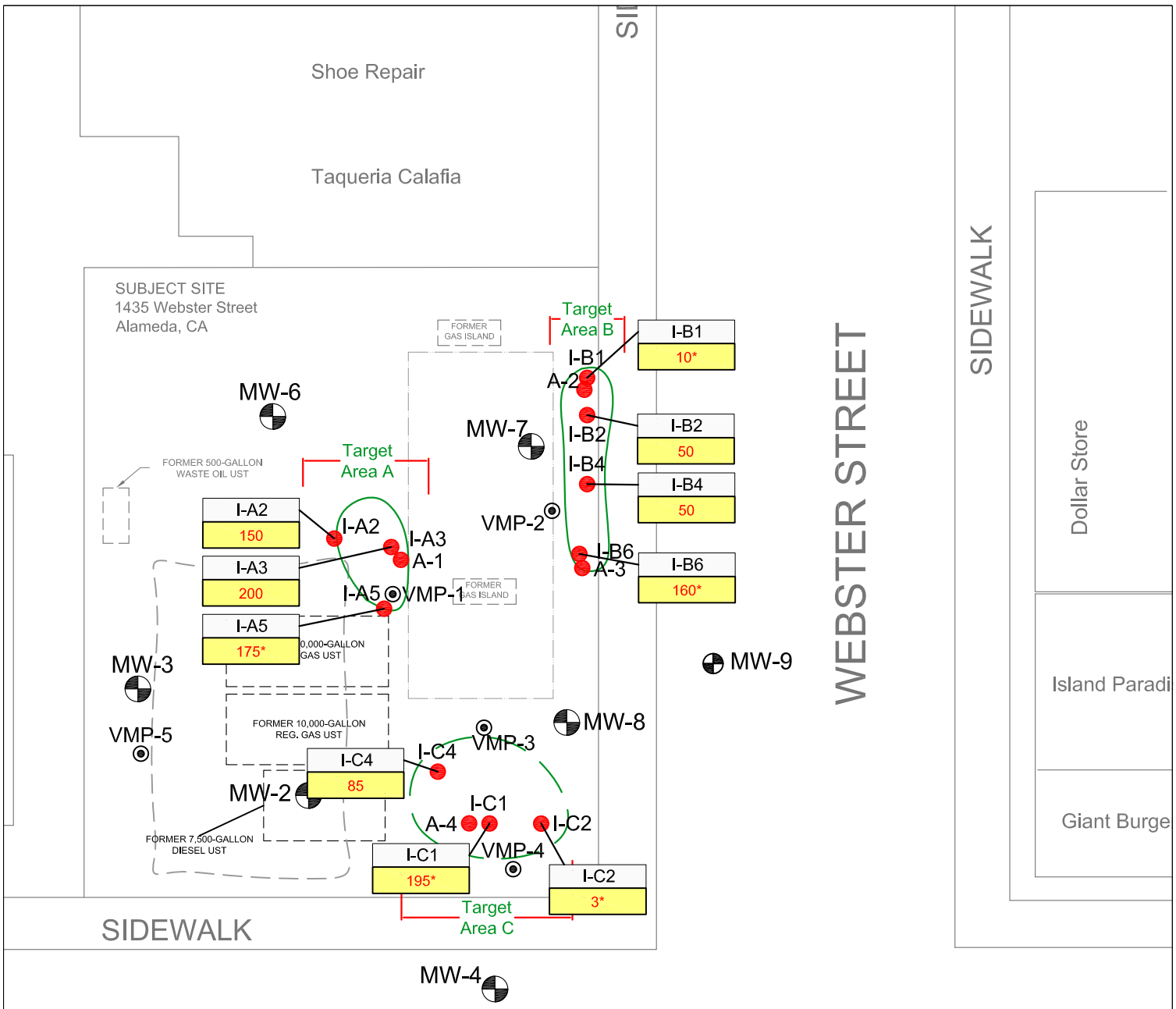
Revision: 0
Date: 1/9/2012
Drafted By: ES

TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

SITE
1435 Webster
Alameda, California

FIGURE
2

Site Map



LEGEND

- I-C4 — Hydrogen peroxide injection location
- A-4 — Confirmation boring (post-injection)
- MW-2 — Monitoring well location
- VMP-5 — Vapor monitoring point (Jul.2009)
- I-A3 / 200 — Boring ID and volume of 7% hydrogen peroxide injected (gallons)
- * — Injection terminated due to surface breaching

SCALE (ft): 0 15 30

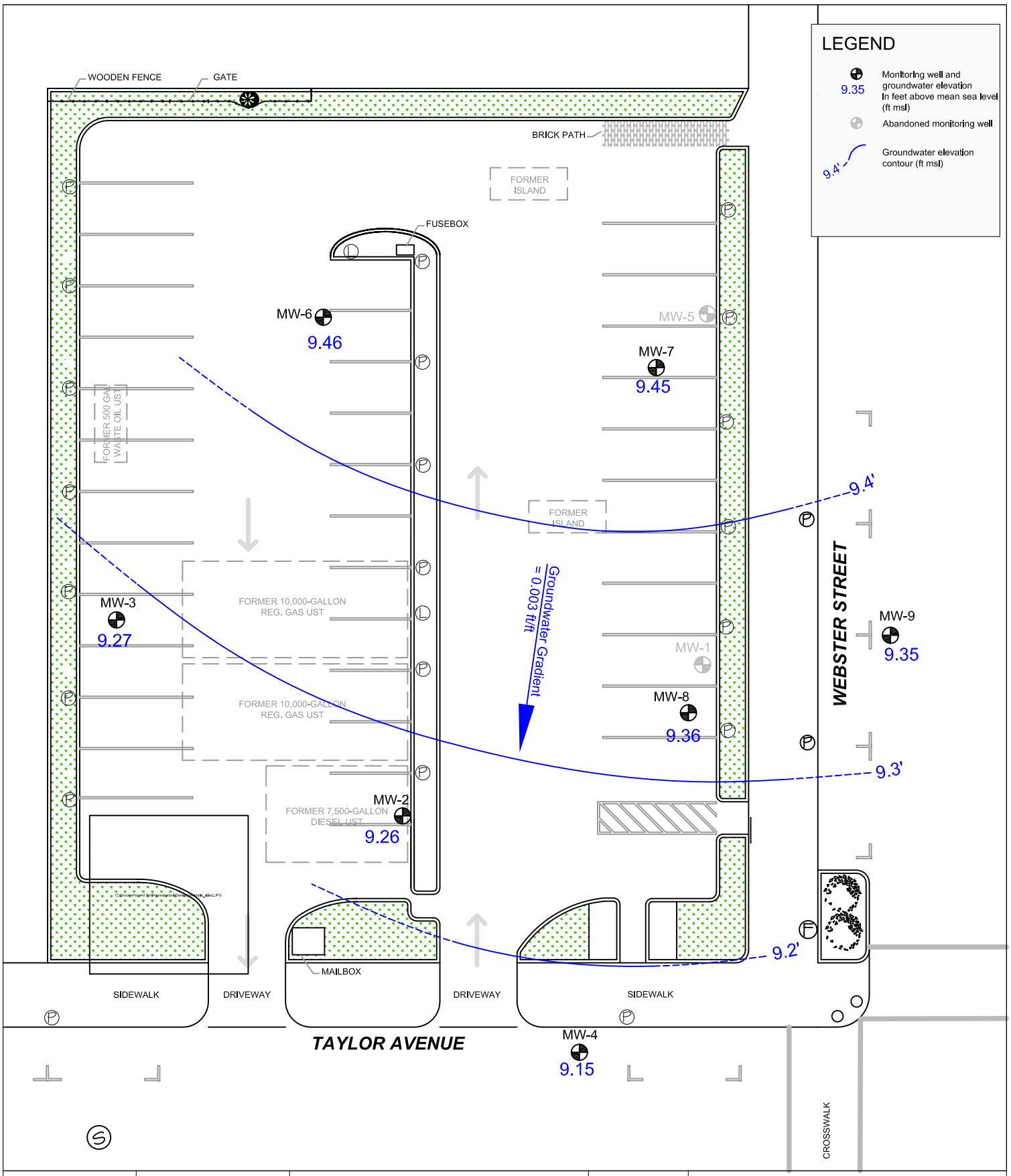
Revision: 1
Date: 1/9/2012
Drafted By: ES

TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

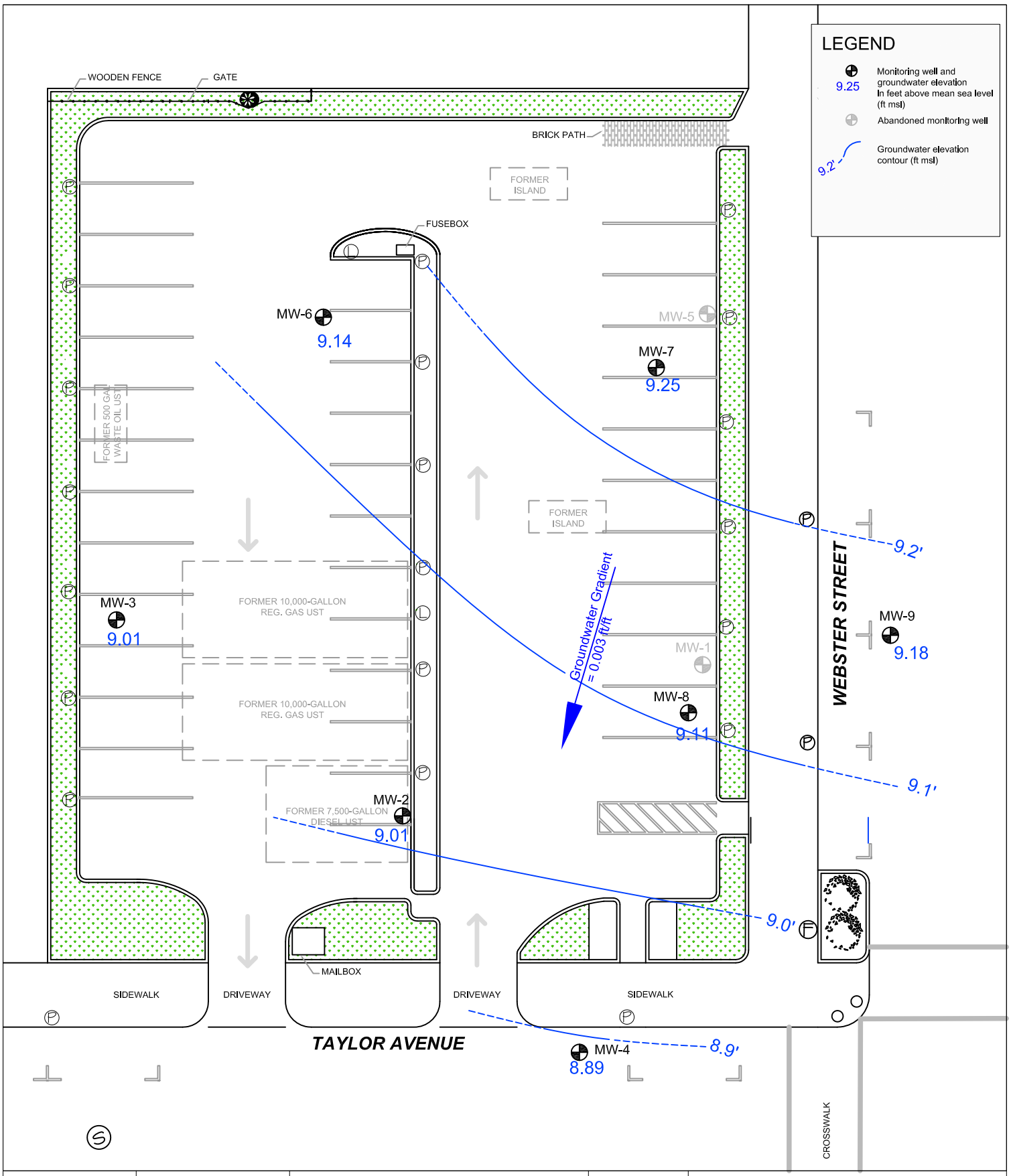
SITE
1435 Webster Street
Alameda, California

FIGURE 3

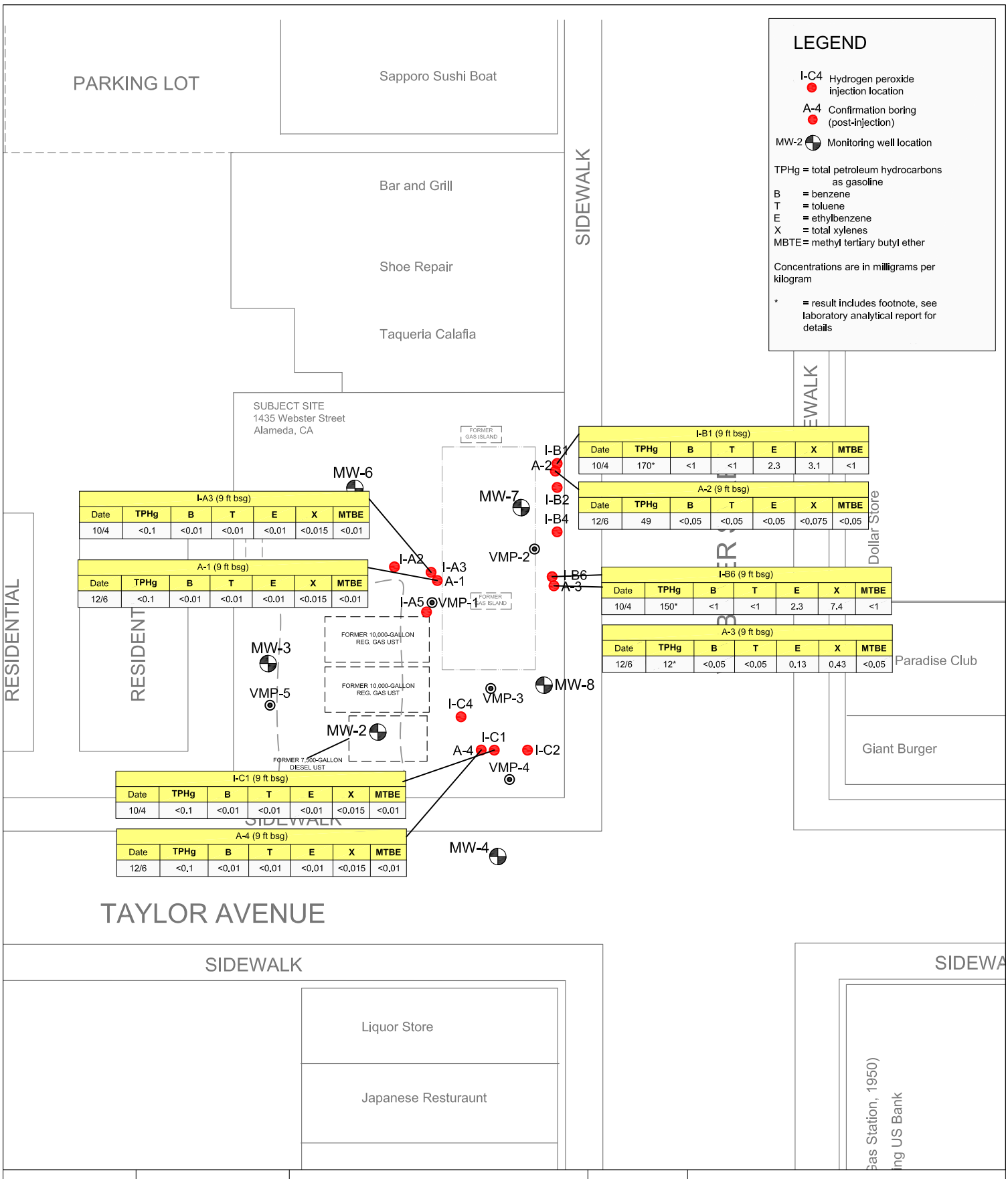
Injection Volumes at Target Locations



N	0 10 20 SCALE (ft) Revision: Date: 1/11/2012 Drafted By: ES	262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244 **SITE** 1435 Webster Street Alameda, California	**FIGURE** **4**	**Groundwater Gradient Map** **September 30, 2011**



N	0 10 20 SCALE (ft) Revision: Date: 1/11/2012 Drafted By: ES	TEC ACCUTITE 262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244 **SITE** 1435 Webster Street Alameda, California	**FIGURE** **3**	**Groundwater Gradient Map** **December 6, 2011**



I-A3 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
10/4	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01

A-1 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
12/6	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01

I-C1 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
10/4	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01

A-4 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
12/6	<0.1	<0.01	<0.01	<0.01	<0.015	<0.01

I-B1 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
10/4	170*	<1	<1	2.3	3.1	<1

A-2 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
12/6	49	<0.05	<0.05	<0.05	<0.075	<0.05

I-B6 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
10/4	150*	<1	<1	2.3	7.4	<1

A-3 (9 ft bsg)

Date	TPHg	B	T	E	X	MTBE
12/6	12*	<0.05	<0.05	0.13	0.43	<0.05

LEGEND

I-C4 Hydrogen peroxide injection location

A-4 Confirmation boring (post-injection)

MW-2 Monitoring well location

TPHg = total petroleum hydrocarbons as gasoline
B = benzene
T = toluene
E = ethylbenzene
X = total xylenes
MBTE = methyl tertiary butyl ether

Concentrations are in milligrams per kilogram

* = result includes footnote, see laboratory analytical report for details

0 20 40
SCALE (ft)

Revision: 0
Date: 1/17/2011
Drafted By: ES

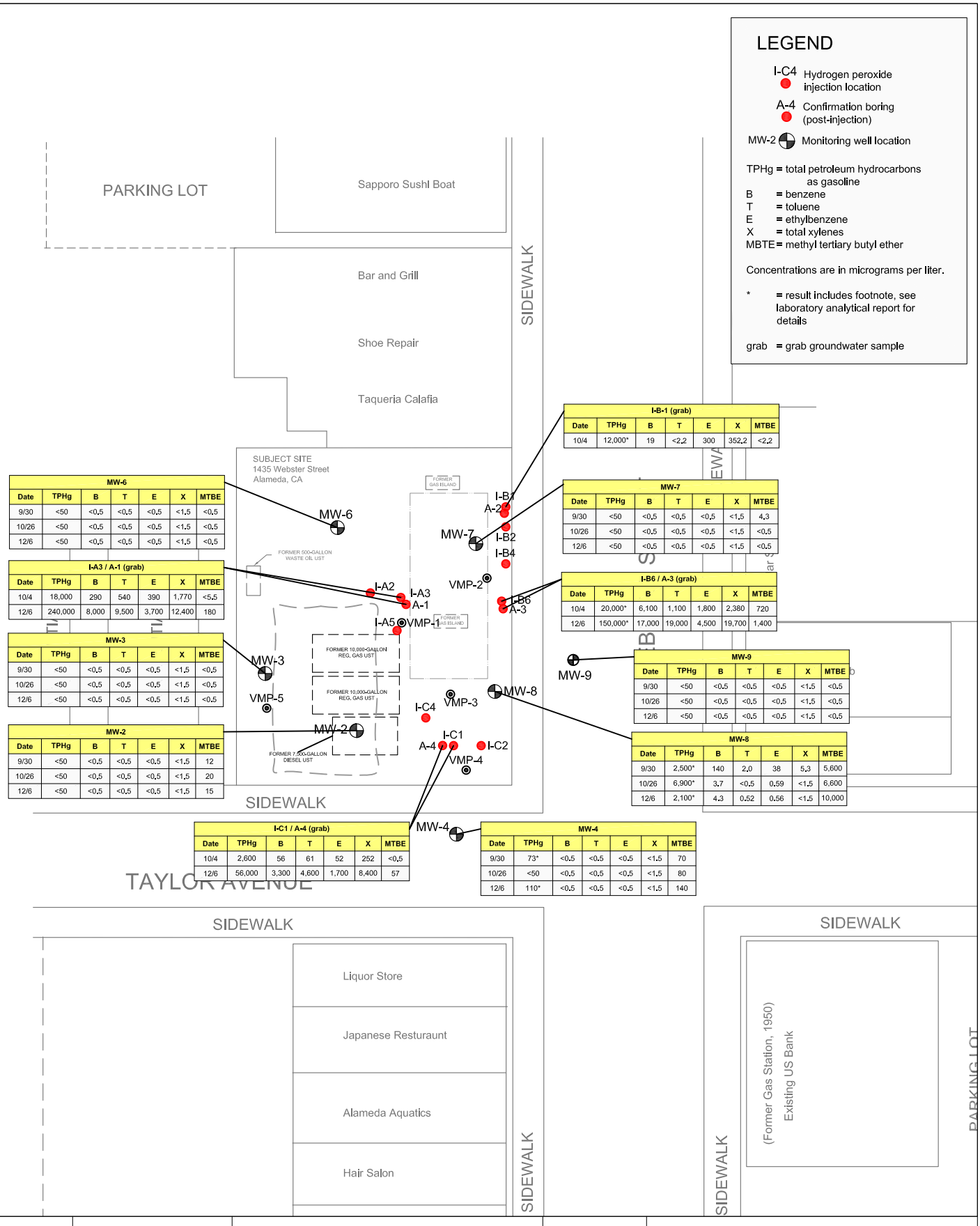
TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

SITE
1435 Webster Street
Alameda, California

FIGURE 6

Petroleum Hydrocarbons in Soil Fourth Quarter 2011

S:\1 Environmental, Dept\Active Sites\Olympian\1435 Webster, Alameda\FIGURES\2011 Oxidizer Injections\2011 10 Oxidizer Injections 1435 Webster E-620.dwg, 1/17/2012 4:10:11 PM, E. Stanford, TEC Accutite



MW-6

Date	TPHg	B	T	E	X	MTBE
9/30	<50	<0.5	<0.5	<0.5	<1.5	<0.5
10/26	<50	<0.5	<0.5	<0.5	<1.5	<0.5
12/6	<50	<0.5	<0.5	<0.5	<1.5	<0.5

I-A3 / A-1 (grab)

Date	TPHg	B	T	E	X	MTBE
10/4	18,000	290	540	390	1,770	<5.5
12/6	240,000	8,000	9,500	3,700	12,400	180

MW-3

Date	TPHg	B	T	E	X	MTBE
9/30	<50	<0.5	<0.5	<0.5	<1.5	<0.5
10/26	<50	<0.5	<0.5	<0.5	<1.5	<0.5
12/6	<50	<0.5	<0.5	<0.5	<1.5	<0.5

MW-2

Date	TPHg	B	T	E	X	MTBE
9/30	<50	<0.5	<0.5	<0.5	<1.5	12
10/26	<50	<0.5	<0.5	<0.5	<1.5	20
12/6	<50	<0.5	<0.5	<0.5	<1.5	15

I-C1 / A-4 (grab)

Date	TPHg	B	T	E	X	MTBE
10/4	2,600	56	61	52	252	<0.5
12/6	56,000	3,300	4,600	1,700	8,400	57

MW-4

Date	TPHg	B	T	E	X	MTBE
9/30	73*	<0.5	<0.5	<0.5	<1.5	70
10/26	<50	<0.5	<0.5	<0.5	<1.5	80
12/6	110*	<0.5	<0.5	<0.5	<1.5	140

I-B-1 (grab)

Date	TPHg	B	T	E	X	MTBE
10/4	12,000*	19	<2.2	300	352.2	<2.2

MW-7

Date	TPHg	B	T	E	X	MTBE
9/30	<50	<0.5	<0.5	<0.5	<1.5	4.3
10/26	<50	<0.5	<0.5	<0.5	<1.5	<0.5
12/6	<50	<0.5	<0.5	<0.5	<1.5	<0.5

I-B6 / A-3 (grab)

Date	TPHg	B	T	E	X	MTBE
10/4	20,000*	6,100	1,100	1,800	2,380	720
12/6	150,000*	17,000	19,000	4,500	19,700	1,400

MW-9

Date	TPHg	B	T	E	X	MTBE
9/30	<50	<0.5	<0.5	<0.5	<1.5	<0.5
10/26	<50	<0.5	<0.5	<0.5	<1.5	<0.5
12/6	<50	<0.5	<0.5	<0.5	<1.5	<0.5

MW-8

Date	TPHg	B	T	E	X	MTBE
9/30	2,500*	140	2.0	38	5.3	5,600
10/26	6,900*	3.7	<0.5	0.59	<1.5	6,600
12/6	2,100*	4.3	0.52	0.56	<1.5	10,000

0 25 50
SCALE (ft)

Revision: 0
Date: 1/17/2011
Drafted By: ES

TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

SITE
1435 Webster Street
Alameda, California

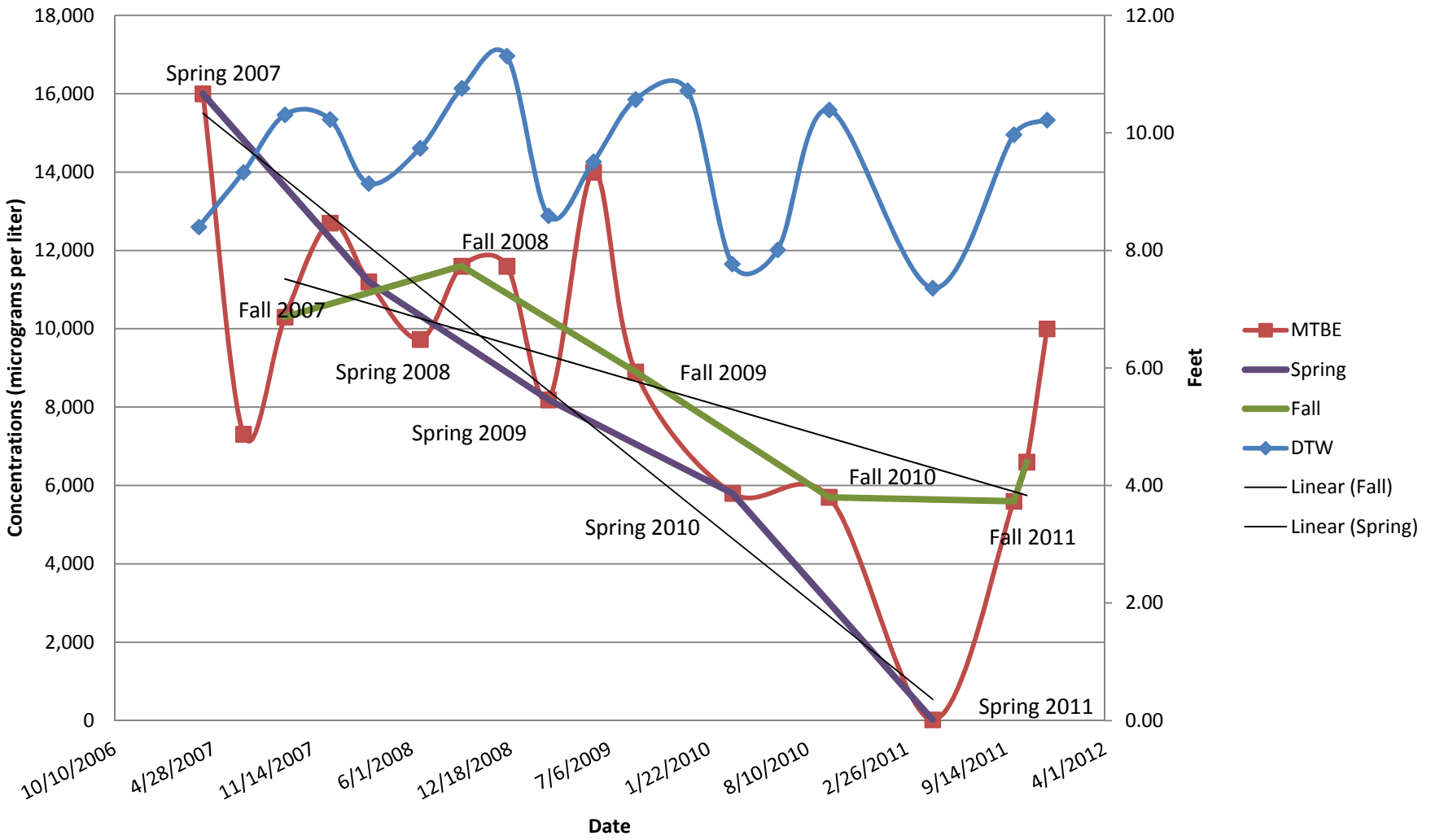
FIGURE 7

Petroleum Hydrocarbons in Groundwater Fourth Quarter 2011

CHART

Chart 1

MTBE Concentration Trends and Depth to Water
1425 Webster Avenue, Alameda, California



ATTACHMENT A

FIELD DATA SHEETS

TEC ACCUTITE Well Data Sheet

Date: 9/30/11	Site Name: 1435 Webster	Project #: E-480-2-11	Sampler: BD
Event: SAMP2	Site Address: Alameda	Client: Olympian	

WELL ID	TIME	MEASUREMENT					WELL DIAMETER	COMMENTS (i.e. pressurized or maintenance req.)
		DTP	PT	DTW	Historic DTB date: 6/3/09	Today's DTB		
MW-2	0928			10.54	19.42		2"	
MW-3	0926			10.52	21.85		2"	
MW-4	0929			10.15	19.76		2"	
MW-6	0927			10.81	19.34		2"	
MW-7	0931			9.48	19.81		4"	
MW-8	0932			9.97	20.03		4"	
MW-9	0934			9.48	19.94		4"	

Abbreviations:

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11 **Purged By:** BD **Well ID:** MW-2

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-2

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 9/30/11 **Start (2400hr):** 1058 **End (2400hr):** 1105

Depth to Bottom: 19.42 **Depth to Water:** 10.54 **Casing Diameter:** 2"

DTB - DTW: 8.88 **Purge (gal):** ~~3.77~~ 1.51 **x 3 volumes:** 4.53

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1100	1.5	20.4	994	6.40	low	brown	10.9
1103	3.0	20.0	988	6.55	"	"	11.6
1105	4.5	20.1	994	6.67	"	"	12.1

Sample Information

Date: 9/30/11 **Time:** 1108 **DTW:** 11.39 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
___ submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
X bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** no

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11 **Purged By:** BD **Well ID:** MW-3

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-3

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 9/30/11 **Start (2400hr):** 1032 **End (2400hr):** 1046

Depth to Bottom: 21.85 **Depth to Water:** 10.52 **Casing Diameter:** 2"

DTB - DTW: 11.33 **Purge (gal):** 1.93 **x 3 volumes:** 5.78

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1038	2.0	20.9	504	6.75	low	brown	10.9
1042	4.0	20.5	505	6.50	"	"	11.2
1046	6.0	20.4	506	6.46	"	"	11.5

Sample Information

Date: 9/30/11 **Time:** 1047 **DTW:** 11.46 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
___ submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
X bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** no

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11 **Purged By:** BD **Well ID:** MW-4

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-4

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 9/30/11 **Start (2400hr):** 1119 **End (2400hr):** 1125

Depth to Bottom: 19.76 **Depth to Water:** 10.15 **Casing Diameter:** 2"

DTB - DTW: 9.61 **Purge (gal):** 1.64 **x 3 volumes:** 4.90

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1122	1.5	19.9	467	7.20	low	brown	16.4
1125	~~3.5~~	WELL WENT DRY @			~2.5	GALLONS	
	~~5.0~~ BD						

Sample Information

Date: 9/30/11 **Time:** 1135 **DTW:** 12.06 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
___ submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
X bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** no

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11 **Purged By:** BD **Well ID:** MW-6

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-6

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 9/30/11 **Start (2400hr):** 1008 **End (2400hr):** 1014

Depth to Bottom: 19.34 **Depth to Water:** 10.81 **Casing Diameter:** 2"

DTB - DTW: 8.53 **Purge (gal):** 1.45 **x 3 volumes:** 4.35

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1010	1.5	20.9	494	7.44	low	cloudy	11.1
1012	3.0	21.0	472	7.12	"	"	11.4
1014	4.5	20.9	456	6.79	"	"	12.1

Sample Information

Date: 9/30/11 **Time:** 1021 **DTW:** 11.30 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
___ submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
X bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** no

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11 **Purged By:** BD **Well ID:** MW-7

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-7

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 9/30/11 **Start (2400hr):** 1216 **End (2400hr):** 1227

Depth to Bottom: 19.81 **Depth to Water:** 9.48 **Casing Diameter:** 4"

DTB - DTW: 10.33 **Purge (gal):** 6.71 **x 3 volumes:** 20.14

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1220	6.5	21.1	7.88 mS	6.71	low	clear	14.7
1223	13.5	20.7	7.87 mS	6.82	"	"	16.5
1227	20.0	20.5	7.50 mS	6.87	"	"	18.0

Sample Information

Date: 9/30/11 **Time:** 1305 **DTW:** 9.81 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
X submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
___ bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** NO

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11	**Purged By:** BD	**Well ID:** MW-8
Client Name: Olympian	**Sampled By:** BD	**Sample ID:** MW-8
Location: 1435 Webster		**QA Samples:** ---

Purge Information

Date: 9/30/11	**Start (2400hr):** 1236	**End (2400hr):** 1247
Depth to Bottom: 20.03	**Depth to Water:** 9.97	**Casing Diameter:** 4"
DTB - DTW: 10.06	**Purge (gal):** 6.54	**x 3 volumes:** 19.62

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
1241	6.5	21.1	1163	6.63	low	clear	14.0
1245	13.0	20.5	2.64 mS	6.27	"	"	19.0
1247	WELL	WENT	DRY	@	~15	GALLONS	

Sample Information

Date: 9/30/11	**Time:** 1341	**DTW:** 10.73	**Turbidity:** low		
Odor: slight	**Analysis:** 8260		**Sample Vessels:** 3 VOAs	**Preservative:** HCl	

Purging Equipment		**Sampling Equipment**	
X submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
___ bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** NO

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

TEC Accutite
Water Sample Field Data Sheet

Project #: E-480-2-11 **Purged By:** BD **Well ID:** MW-9

Client Name: Olympian **Sampled By:** BD **Sample ID:** MW-9

Location: 1435 Webster **QA Samples:** ---

Purge Information

Date: 9/30/11 **Start (2400hr):** 0940 **End (2400hr):** 0952

Depth to Bottom: 19.94 **Depth to Water:** 9.48 **Casing Diameter:** 4"

DTB - DTW: 10.46 **Purge (gal):** 6.80 **x 3 volumes:** 20.40

Field Measurements

Time (2400hr)	Volume (gal)	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	Turbidity (NTU)	D.O. (mg/l)	Depth (ft)
0944	7.0	17.6	892	6.81	low	clear	
0948	14.0	17.5	880	6.80	"	"	
0952	20.5	17.5	874	6.80	"	"	

Sample Information

Date: 9/30/11 **Time:** 0955 **DTW:** 9.82 **Turbidity:** low

Odor: none **Analysis:** 8260 **Sample Vessels:** 3 VOAs **Preservative:** HCl

Purging Equipment		Sampling Equipment	
X submersible pump	___ peristaltic pump	___ submersible pump	___ peristaltic pump
___ bailer (disposable)	___ bailer (st. steel)	X bailer (disposable)	___ bailer (st. steel)
___ dedicated	___ bladder pump	___ dedicated	___ bladder pump
other: _____		other: _____	

Well Integrity: good **Lock :** no

Note: To convert water column height to total amount of gallons in one well volume, multiply the water column height by: .17 for 2" well diameter, .65 for 4", 1.47 for 6", or 2.62 for 8".

Signature: Brian Doherty

1435 Webster Street, Alameda, California — Soil Vapor Sampling — Initials: BD — Date: 10/3/11

Summa No.	VMP No. and depth		Start Time	Initial Pressure (mg Hg)	Finish Time	Final Pressure (mg Hg)	PID reading	Notes
	1 (4)	vacuum test					Ø	
		purge						
		sample						
	1 (8)	vacuum test					Ø	
		purge						
		sample						
	2 (4)	vacuum test					Ø	
		purge						
		sample						
	2 (8)	vacuum test					Ø	
		purge						
		sample						
	3 (4)	vacuum test					0.3	
		purge						
		sample						
	3 (8)	vacuum test					Ø	
		purge						
		sample						
	4 (4)	vacuum test					Ø	
		purge						
		sample						
	4 (8)	vacuum test					Ø	
		purge						
		sample						
	5 (4)	vacuum test					Ø	
		purge						
		sample						
	5 (8)	vacuum test					Ø	
		purge						
		sample						
		vacuum test						
		purge						
		sample						

Calibrated w/ 100 ppm gas
Before : 60.2
After : 102.1

TEC Accutite
Injection Field Data Sheet

Project Name: 1435 Webster
Client Name: Olympian
Site Location: Alameda

Field Measurements

Date (mm/dd/yy)	Boring ID	Time (2400hr)	Pressure (psi)	Flow Rate (gpm)	Volume (totalizer)	Volume (carboy)
10/4/11	I-A3	1126	160 for 1 min, then Ø	1.5	Ø	Ø
		1128	Ø	1.2		
		1134	Ø	2.1	15	20
		1138	Ø	4.2	33	40
		1143	Ø	5.6	55	60
		1149	Ø	4.0		80
		1151	Ø	4.0	87	90
		1200	Ø	3.8	122	120
		1206	Ø	4.3	147	140
		1214	Ø	4.3	175	170
		1220	Ø	4.2	200	195
10/4/11	I-C1	1440	80	0.1	—	—
		1449	120→20		—	—
		1459	16	1.3	—	30
		1502	10	1.5	—	50
		1528	5	1.8	—	125
		1538	Ø	2.0	—	155
		1543	Ø	1.9	—	180
		1550	Ø	2.0	—	195
	* SURFACE BREACHING ~20 ft. SW (cracks in asphalt)					
10/4/11	I-B1	1440	Ø			
		1449	Ø	cleanup	overflow/breach	
	* SURFACE BREACHING & H_2O_2 foam coming up between borehole & casing					
		1502	Ø	0.5-2.0	—0	~5
	* start & stop injection while vacing					
	end of 10/4/11, less than 10 gallons					

Notes:

Signature:

TEC Accutite
Injection Field Data Sheet

Project Name: 1435 Webster
Client Name: Olympian
Site Location: Alameda

Field Measurements

Date (mm/dd/yy)	Boring ID	Time (2400hr)	Pressure (psi)	Flow Rate (gpm)	Volume (totalizer)	Volume (carboy)
10/4/11	I-B6	1530	> 75 GALLONS			
		1600				
10/5/11		0821	Ø	1.1	81	—
		0830	Ø	1.3	93	—
		0842	Ø	2.7	116	—
		0852	Ø	2.2	130	—
	* SURFACE BREACHING, INJECTION STOPPED.					
10/5/11	I-B1	continued from 10/4/11				
		0914	SETUP			
	* COULD NOT ACCEPT H_2O_2, FLOWED					
	UPWARD THROUGH CASING / POOR SEAL					
10/5/11	I-A2	1050	>160	Ø	Ø	Ø
		1058	Ø	0.92	12	
		1123	Ø	3.6	59	65
		1127	Ø	3.7	77	70
	STOP	1129	Ø	3.7	80.3	75
	START	1240	Ø	1.8	92	90
		1248	Ø	1.9	98	98
		1258	Ø	1.6	118	125
		1303	Ø	1.7	128	135
		1307	Ø	1.6	132	140
		1315	—	—	—	150
10/5/11	I-A5	0941	60→20→8	2.2	4	
		0946	Ø	2.4	17	
		0957	2	1.8	42	
		1001	2	1.8	48	
		1016	4	0.9	71 ← TOTALIZER READING INCORRECT FRESH TOTE DOWN TO 150	
		1043	Ø	0.67	150	
		1052	10	2.9	175	
		1058	SURFACE BREACHING THROUGH VMP			

Notes:

Signature:

TEC Accutite

Injection Field Data Sheet

Project Name: 1435 Webster

Client Name: Olympian

Site Location: Alameda

Field Measurements

Date (mm/dd/yy)	Boring ID	Time (2400hr)	Pressure (psi)	Flow Rate (gpm)	Volume (totalizer)	Volume (carboy)
10/5/11	I-B4	1320	setup			
		1331	Ø	1.6	2	—
		1343	Ø	1.2	16	—
		1351	Ø	1.3	26	—
		1357	Ø	1.0	32	—
		1401	Ø	1.2	37	50
		1504	Ø	1.1	40	~55
10/5/11	I-C2	1325	setup			
		1329	20→5	0.4	2	
		1333	20	0.4	3	
		1335	SURFACE	BREACH,	MOVED RIG TO I-C4	
10/5/11	I-C4	1409	start -	problem	w/ pump	
		1425	resume	- problem	w/ gauge/	totalizer
		1428	Ø	—	—	40
			—	—	—	85
10/5/11	I-B2	1415	Ø	1.2	2	—
		1422	Ø	1.0	9	—
		1432	Ø	1.0	19	25
		1441	Ø	0.8	28	—
		1447	Ø	1.7	35	50

Notes:

Signature:

1435 Webster Street, Alameda, California — Soil Vapor Sampling — Initials: BD — Date: 12/13/11

Summa No.	VMP No. and depth		Start Time	Initial Pressure (mg Hg)	Finish Time	Final Pressure (mg Hg)	PID reading	Notes
	VMP-1 (4)	vacuum test					Ø	PID calibrated = 101.4 ppm
		purge						
		sample						
	VMP-1 (8)	vacuum test					Ø	
		purge						
		sample						
	VMP-2 (4)	vacuum test					Ø	
		purge						
		sample						
	VMP-2 (8)	vacuum test					Ø	
		purge						
		sample						
	VMP-3 (4)	vacuum test					Ø	
		purge						
		sample						
	VMP-3 (8)	vacuum test					Ø	
		purge						
		sample						
	VMP-4 (4)	vacuum test					Ø	
		purge						
		sample						
	VMP-4 (8)	vacuum test					Ø	
		purge						
		sample						
	VMP-5 (4)	vacuum test					Ø	
		purge						
		sample						
	VMP-5 (8)	vacuum test					Ø	
		purge						
		sample						
		vacuum test						
		purge						
		sample						

1435 Webster Street, Alameda, California — Groundwater Field Measurements — Initials: BD — Date: 10/4 - 10/5/11

	Well ID	Temp (°C)	Conductivity (µmhos/cm)	pH (units)	ORP (mV)	D.O. (mg/l)	Notes
Pre-Injection 10/4/11 0900	MW-2	20.6	949	6.18	102.5	2.72	
	MW-3	20.6	478	6.29	102.8	2.72	
	MW-4	20.4	404	6.58	102.5	3.05	
	MW-6	21.1	430	6.66	103.6	4.29	
	MW-7	20.9	6.86 mS	6.00	102.6	4.34	
	MW-8	20.8	1162	5.89	102.4	3.15	
End of Day Readings 10/4/11 1600	MW-2	20.9	966	6.72	110.4	3.56	
	MW-3	21.0	506	6.91	110.4	4.96	
	MW-4	20.9	438	7.08	110.0	5.30	
	MW-6	21.4	413	6.83	110.3	5.83	
	MW-7	20.9	6.95 mS	6.49	111.2	5.38	
	MW-8	20.7	1300	6.88	110.5	4.28	
Start of Day Readings 10/5/11 0845	MW-2	20.7	459	6.40	235.6	5.28	ORP was calibrated beforehand.
	MW-3	20.3	517	7.07	236.5	4.97	
	MW-4	20.6	393	6.74	235.1	6.30	
	MW-6	20.8	429	6.70	236.0	4.66	
	MW-7	20.9	698 mS	6.61	235.5	5.28	
	MW-8	20.5	1198	6.41	235.5	4.81	
End of Day Readings 10/5/11 1500	MW-2	20.01	1219	6.28	266.9	0.37	Using rented YSI meter.
	MW-3	19.85	608	5.59	253.3	1.20	
	MW-4	19.64	551	5.70	269.6	0.84	
	MW-6	20.37	523	5.54	249.8	1.33	
	MW-7	20.35	6174	6.82	345.9	23.05	
	MW-8	19.94	2363	5.96	195.9	0.47	

TEC Accutite
Injection Field Data Sheet

10/4/11

Project Name: 1435 Webster
Client Name: Olympian
Site Location: Alameda

Field Measurements

Injection Point	Time (2400hr)	Well/Vapor Point ID	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
1-A3	1210	VMP-1(4)	LEL=	18	CO_2=1.95	PPM	=over	CO=	226	
	1233	MW-6	—	21.5	522	2.70	7.63	107.5	—	—
1-C1		VMP-4(4)	LEL=	1	PPM=200		OXY%=16.9		CO=Ø	
		VMP-4(8)	LEL=	4	PPM=480		OXY%=	over	CO=63	

Notes:

Signature: Brian Doherty

TEC Accutite
1435 Webster Vapor Readings

Time: 930 Date: 10/5/11

Field Measurements

Vapor Point ID	PID	LEL	O2 %	CO PPM
VMP-1 (4)	330	—	—	—
VMP-1 (8)	WATER IN THE LINE			
VMP-2 (4)	180	1	16.3	Ø
VMP-2 (8)	200	1	15.6	Ø
VMP-3 (4)	280	2	11.8	Ø
VMP-3 (8)	240	2	9.6	Ø
VMP-4 (4)	880	7	over	187
VMP-4 (8)	1840	14	over	282
VMP-5 (4)	280	2	15.1	Ø
VMP-5 (8)	200	1	14.4	Ø

Notes: switched from LEL meter to PID meter due to a problem.

Signature: Brian Doherty

TEC Accutite
Injection Field Data Sheet

10/5/11

Project Name: 1435 Webster		
Client Name: Olympican		
Site Location: Alameda		

Field Measurements

	Time (2400hr)	Well/Vapor Point ID	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
I-C2	1300	VMP-4(4)	PID = 96.6							
before		VMP-4(8)	PID = 241							
	1315	MW-8	—	19.94	2005	2.38	5.58	263.7	—	—
I-C4 start during	1410	MW-8	—	19.77	2349	0.42	6.05	265.0	—	—
	1440	MW-8	—	19.93	2352	0.38	5.95	205.1	—	—
I-B4										
		VMP-2(4)	PID = Ø							
before		VMP-2(8)	PID = Ø							
		MW-7	—	20.41	7660	2.91	6.60	251.2	—	—
during	1343	MW-7	—	20.43	7660	2.25	6.76	218.2	—	—
		VMP-2(4)	PID = 53.5							
		VMP-2(8)	PID = 260							
final	1405	MW-7	—	20.6	7588	2.46	6.83	199.3	—	—

Notes:

Signature: Brian Doherty

TEC Accutite
1435 Webster Vapor Readings

Time: 1530 Date: 10/5/11

Field Measurements

Vapor Point ID	PID	LEL	O2 %	CO PPM
VMP-1 (4)				
VMP-1 (8)				
VMP-2 (4)	1109			
VMP-2 (8)	1034			
VMP-3 (4)	9.5			
VMP-3 (8)	16.0			
VMP-4 (4)	108.9			
VMP-4 (8)	252			
VMP-5 (4)	7.3			
VMP-5 (8)	12.1			

Notes: LEL meter was not working, only used PID meter for this round of readings.

No tedlars taken from either point of VMP-1 due to hydrogen peroxide breaking through.

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	**Purged by:** BD	**Well ID:** MW-2
Client Name: Olympian	**Sampled by:** BD	**Sample ID:**
Site Location: Alameda		**QA/QC Sample:** ---
Date Purged: 10/26/11	**Start (2400hr):** 1100	**End (2400hr):** 1135
Date Sampled: 10/26/11	**Well Head PID (ppm):** ---	**Initial DTW (ft bgs):** 10.61
Casing Diameter (inch): 2"	**Well Integrity:** good	
Depth to Bottom (ft): 19.42	**Depth of Pump Intake (ft.) (zone of interest):** ~15.00	
Type of Purge Pump: bladder	**Optimal Purge Rate (ml/min.):** 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	1107	.80	20.41	1236	2.22	6.85	160.2	cloudy	10.76
	1112	1.40	20.54	1262	1.22	6.84	153.9	"	"
	1117	2.00	20.63	1276	0.81	6.83	149.3	"	"
	1122	2.60	20.76	1284	0.54	6.83	143.5	"	"
	1127	3.20	20.79	1286	0.49	6.84	138.5	"	"
	1132	3.80	20.78	1287	0.37	6.84	136.4	"	"

Sample Information

Sample DTW (ft): 10.76 **Sample Turbidity:** low

Sampled with: X Pump ___ Bailer **Sample Time:** 1135

Odor: none **Sample Flow Rate (ml/min.):** <100

Sample Container/Preservative: 3 VOAs/HCl, 125mL amber/none, 250mL poly/none

Lab Analysis: 8260, disolved metals, hex. chrome, ferrous iron

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Deehan

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID: MW-3
Client Name: Olympian	Sampled by: BD	Sample ID:
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 10/26/11	Start (2400hr): 1016	End (2400hr): 1045
Date Sampled: 10/26/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.69
Casing Diameter (inch): 2"	Well Integrity: good	
Depth to Bottom (ft): 21.85	Depth of Pump Intake (ft.) (zone of interest): ~15.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	1023	.80	19.71	636	2.46	6.16	199.5	cloudy	10.78
	1028	1.40	20.02	645	1.15	6.14	201.0	"	"
	1033	2.00	20.12	646	0.99	6.12	201.4	"	"
	1038	2.60	20.14	644	0.86	6.13	201.1	"	"
	1043	3.20	20.20	643	0.78	6.15	198.8	"	"

Sample Information

Sample DTW (ft): 10.78
Sample Turbidity: low
Sampled with: X Pump ___Bailer
Sample Time: 1045
Odor: none
Sample Flow Rate (ml/min.): <100
Sample Container/Preservative: 3 VOAs/HCl, 125mL amber/none, 250mL poly/none
Lab Analysis: 8260, hex. chrome, ferrous iron, dissolved metals

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID: MW-4
Client Name: Olympian	Sampled by: BD	Sample ID: MW-4
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 10/26/11	Start (2400hr): 1158	End (2400hr): 1226
Date Sampled: 10/26/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.28
Casing Diameter (inch): 2"	Well Integrity: good	
Depth to Bottom (ft): 19.76	Depth of Pump Intake (ft.) (zone of interest): ~12.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): ~~700~~ 120 → 100	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	1204	.80	19.61	623	1.78	6.17	182.4	clear	10.40
	1209	1.40	19.77	600	1.32	6.12	193.6	"	10.46
	1214	1.90	19.98	586	1.10	6.10	197.1	"	"
	1219	2.40	20.37	574	0.97	6.07	200.5	"	"
	1224	2.90	20.56	568	0.93	6.16	197.4	"	"

Sample Information

Sample DTW (ft): 10.46
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/HCl, poly/none, amber/none
Lab Analysis: 8260, dissolved metals, ferrous iron, hex. chrome

Sample Turbidity: low
Sample Time: 1226
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID:
Client Name: Olympian	Sampled by: BD	Sample ID: MW-6
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 10/26/11	Start (2400hr): 0932	End (2400hr): 1002
Date Sampled: 10/26/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.98
Casing Diameter (inch): 2"	Well Integrity: good	
Depth to Bottom (ft): 19.34	Depth of Pump Intake (ft.) (zone of interest): ~12.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	0939	.80	19.17	570	3.01	6.06	185.1	clear	11.09
	0944	1.30	19.90	545	1.55	6.07	191.2	"	"
	0949	1.80	20.15	532	1.20	6.07	193.1	"	"
	0954	2.30	20.36	528	1.14	6.07	194.7	"	"
	0959	2.80	20.46	523	0.98	6.07	195.8	"	"

Sample Information

Sample DTW (ft): 11.09
Sampled with: X Pump ___Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/HCl, 125mL amber/none, 250 mL poly/none
Lab Analysis: 8260, hex. chrome, disolved metals, ferrous iron

Sample Turbidity: low
Sample Time: 1002
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID: MW-7
Client Name: Olympian	Sampled by: BD	Sample ID:
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 10/26/11	Start (2400hr): 1330	End (2400hr): 1352
Date Sampled: 10/26/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 9.55
Casing Diameter (inch): 4"	Well Integrity: good	
Depth to Bottom (ft): 19.81	Depth of Pump Intake (ft.) (zone of interest): ~15.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 140	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	1335	.80	21.35	8569	5.00	6.86	109.8	clear	9.68
	1340	1.50	21.27	8772	4.17	6.83	117.9	"	"
	1345	2.20	21.21	8813	4.09	6.83	121.1	"	"
	1350	2.90	21.17	8845	4.08	6.83	123.0	"	"

Sample Information

Sample DTW (ft): 9.68
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/HCl, amber/none, poly/none
Lab Analysis: 8260, ferrous iron, disolved metals, hex. chrome

Sample Turbidity: low
Sample Time: 1352
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	**Purged by:** BD	**Well ID:** MW-8
Client Name: Olympian	**Sampled by:** BD	**Sample ID:**
Site Location: Alameda		**QA/QC Sample:** ---
Date Purged: 10/26/11	**Start (2400hr):** 1243	**End (2400hr):** 1313
Date Sampled: 10/26/11	**Well Head PID (ppm):** ---	**Initial DTW (ft bgs):** 10.11
Casing Diameter (inch): 4"	**Well Integrity:** good	
Depth to Bottom (ft): 20.03	**Depth of Pump Intake (ft.) (zone of interest):** ~15.00	
Type of Purge Pump: bladder	**Optimal Purge Rate (ml/min.):** 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	1250	.80	21.59	2276	1.94	6.35	34.3	clear	10.15
	1255	1.40	21.58	2436	1.30	6.30	35.4	"	"
	1300	2.00	21.58	2497	0.94	6.28	36.0	"	"
	1305	2.60	21.60	2525	0.89	6.27	36.1	"	"
	1310	3.20	21.66	2529	0.72	6.27	33.6	"	"

Sample Information

Sample DTW (ft): 10.15 **Sample Turbidity:** low
Sampled with: X Pump ___Bailer **Sample Time:** 1313
Odor: none **Sample Flow Rate (ml/min.):** <100
Sample Container/Preservative: 3 VOAs/HCl, poly/none, amber/none
Lab Analysis: 8260, ferrous iron, hex. chrome, dissolved metals

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID: MW-9
Client Name: Olympian	Sampled by: BD	Sample ID:
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 10/26/11	Start (2400hr): 0848	End (2400hr): 0912
Date Sampled: 10/26/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 9.67
Casing Diameter (inch): 4"	Well Integrity: good	
Depth to Bottom (ft): 19.94	Depth of Pump Intake (ft.) (zone of interest): ~12.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
10/26/11	0855	1.80	17.63	763	4.23	6.52	138.6	clear	9.79
	0900	1.40	17.70	768	3.53	6.51	136.9	"	"
	0905	2.00	17.76	782	3.41	6.50	135.1	"	"
	0910	2.60	17.79	787	3.36	6.50	134.3	"	"

Sample Information

Sample DTW (ft): 9.79
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs (HCl), poly/none, amber/none
Lab Analysis: 8260, hex. chrome, ferrous iron, dissolved metals

Sample Turbidity: low
Sample Time: 0912
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

1435 Webster Street, Alameda, California — Soil Vapor Sampling — Initials: BD — Date: 10/27/11

Sample Time

Summa No.	VMP No. and depth		~~Start~~ Time	Initial Pressure (mg Hg)	Finish Time	Final Pressure (mg Hg)	PID reading	Notes
1208	VMP-1(4)	vacuum test purge sample					1.2	
1200	VMP-1 (8)	vacuum test purge sample					13.0	took 2-3X longer to fill tedlar than other points, more vacuum too
1109	VMP-2(4)	vacuum test purge sample					Ø	
1104	VMP-2(8)	vacuum test purge sample					18.2	
1124	VMP-3(4)	vacuum test purge sample					Ø	
1119	VMP-3(8)	vacuum test purge sample					Ø	
1136	VMP-4(4)	vacuum test purge sample					Ø	
1130	VMP-4(8)	vacuum test purge sample					1.0	
1147	VMP-5(4)	vacuum test purge sample					1.3	
1141	VMP-5(8)	vacuum test purge sample					Ø	
		vacuum test purge sample						PID cal. check – before 79.9 after 100.9

TEC ACCUTITE Well Data Sheet

Date: 12/6/11	Site Name: 1435 Webster	Project #: E-521	Sampler: BD
Event: Post-Injection sampling	Site Address: Alameda	Client: Olympian	

WELL ID	TIME	MEASUREMENT					WELL DIAMETER	COMMENTS (i.e. pressurized or maintenance req.)
		DTP	PT	DTW	Historic DTB date: 6/3/09	Today's DTB		
MW-2	0841			10.79	19.42		2"	
MW-3	0840			10.78	21.85		2"	
MW-4	0842			10.41	19.76		2"	
MW-6	0839			11.13	19.34		2"	
MW-7	0844			9.68	19.81		4"	
MW-8	0843			10.22	20.03		4"	
MW-9	0902			9.65	19.94		4"	

Abbreviations:

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID: MW-2
Client Name: Olympian	Sampled by: BD	Sample ID:
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 12/6/11	Start (2400hr): 1126	End (2400hr): 1153
Date Sampled: 12/6/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.68
Casing Diameter (inch): 2"	Well Integrity: good	
Depth to Bottom (ft): 19.42	Depth of Pump Intake (ft.) (zone of interest): ~15.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 100	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	1135	.80	17.43	719	6.79	6.52	224.5	cloudy	10.85
	1140	1.30	17.58	1363	1.37	6.63	231.5	"	"
	1145	1.80	18.08	1366	1.37	6.67	222.0	"	"
	1150	2.30	18.14	1368	1.18	6.67	216.0	"	"

Sample Information

Sample DTW (ft): 10.85
Sampled with: X Pump ___Bailer
Odor: none
Sample Container/Preservative: 3 VOAs / None
Lab Analysis: 8260

Sample Turbidity: low
Sample Time: 1153
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% ^{0}C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Page___ of ___

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID: MW-4
Client Name: Olympian	Sampled by: BD	Sample ID:
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 12/6/11	Start (2400hr): 1238	End (2400hr): 1309
Date Sampled: 12/6/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.18
Casing Diameter (inch): 2"	Well Integrity: good	
Depth to Bottom (ft): 19.76	Depth of Pump Intake (ft.) (zone of interest): ~12.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 100	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	1246	.80	15.76	659	3.22	5.74	245.0	clear	10.40
	1251	1.30	16.20	637	2.46	5.95	239.2	"	"
	1256	1.80	16.49	628	2.11	5.93	237.2	"	"
	1301	2.30	16.61	626	2.02	5.92	235.6	"	"
	1306	2.80	16.75	624	2.07	5.90	234.6	"	"

Sample Information

Sample DTW (ft): 10.40
Sampled with: X Pump ___Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/none, 1 poly/none, 1 amber/none
Lab Analysis: 8260, dissolved metals, ferrous iron, hex. chrome

Sample Turbidity: low
Sample Time: 1309
Sample Flow Rate (ml/min.): ≤100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID:
Client Name: Olympian	Sampled by: BD	Sample ID: MW-3
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 12/6/11	Start (2400hr): 1048	End (2400hr): 1115
Date Sampled: 12/6/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.68
Casing Diameter (inch): 2"	Well Integrity: good	
Depth to Bottom (ft): 21.85	Depth of Pump Intake (ft.) (zone of interest): ~13.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 100	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	1057	.80	15.90	692	2.58	5.44	251.3	cloudy	10.85
	1102	1.30	16.32	696	2.04	5.69	245.8	"	10.87
	1107	1.80	16.63	697	1.99	5.75	241.5	"	"
	1112	2.30	16.84	696	1.86	5.78	238.3	"	"

Sample Information

Sample DTW (ft): 10.87
Sampled with: X Pump ___Bailer
Odor: None
Sample Container/Preservative: 3 VOAs/none 1 amber/none 1 poly/none
Lab Analysis: 8260, Dissolved metals, hex. chrome, ferrous iron

Sample Turbidity: low
Sample Time: 1115
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID:
Client Name: Olympian	Sampled by: BD	Sample ID: MW-6
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 12/6/11	Start (2400hr): 1002	End (2400hr): 1039
Date Sampled: 12/6/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.98
Casing Diameter (inch): 2"	Well Integrity: Good	
Depth to Bottom (ft): 19.34	Depth of Pump Intake (ft.) (zone of interest): ~13.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): ~100	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	1011	.80	15.81	581	5.03	5.52	234.4	clear	11.18
	1016	1.30	16.39	577	2.45	5.61	234.4	"	"
	1021	1.80	16.65	571	2.09	5.61	234.1	"	"
	1026	2.30	16.94	563	1.80	5.60	233.9	"	"
	1031	2.80	17.23	554	1.71	5.61	233.6	"	"
	1036	3.30	17.35	546	1.68	5.63	233.0	"	"

Sample Information

Sample DTW (ft): 11.18
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/none
Lab Analysis: 8260

Sample Turbidity: low
Sample Time: 1039
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID:
Client Name: Olympian	Sampled by: BD	Sample ID: MW-7
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 12/6/11	Start (2400hr): 1400	End (2400hr): 1425
Date Sampled: 12/6/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 9.45
Casing Diameter (inch): 4"	Well Integrity: good	
Depth to Bottom (ft): 19.81	Depth of Pump Intake (ft.) (zone of interest): ~15.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	1407	.80	16.69	5139	5.89	6.90	154.4	clear	9.63
	1412	1.40	18.15	6019	1.71	6.96	153.5	"	"
	1417	2.00	18.46	6082	1.58	7.02	146.0	"	"
	1422	2.60	18.65	6118	1.50	7.02	143.0	"	"

Sample Information

Sample DTW (ft): 9.63
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/none, 1 amber/none, 1 poly/none
Lab Analysis: 8260, ferrous iron, dissolved metals, hex. chrome

Sample Turbidity: low
Sample Time: 1425
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	Purged by: BD	Well ID:
Client Name: Olympian	Sampled by: BD	Sample ID: MW-8
Site Location: Alameda		QA/QC Sample: ---
Date Purged: 12/6/11	Start (2400hr): 1318	End (2400hr): 1348
Date Sampled: 12/6/11	Well Head PID (ppm): ---	Initial DTW (ft bgs): 10.10
Casing Diameter (inch): 4"	Well Integrity: Good	
Depth to Bottom (ft): 20.03	Depth of Pump Intake (ft.) (zone of interest): ~15.00	
Type of Purge Pump: bladder	Optimal Purge Rate (ml/min.): 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	1325	.80	17.01	2778	2.27	6.03	100.7	cloudy	10.21
	1330	1.40	17.46	2861	1.56	6.13	94.2	"	10.24
	1335	2.00	17.81	2903	0.91	6.16	89.3	"	10.23
	1340	2.60	17.89	2912	0.78	6.19	86.2	"	"
	1345	3.20	18.04	2910	0.68	6.17	83.2	"	"

Sample Information

Sample DTW (ft): 10.23
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/none, 1 amber/none, 1 poly/none
Lab Analysis: 8260, ferrous iron, dissolved metals, hex. chrome

Sample Turbidity: low
Sample Time: 1348
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

TEC Accutite
Micro-Purging Field Data Sheet

Project Name: 1435 Webster	**Purged by:** BD	**Well ID:**
Client Name: Olympian	**Sampled by:** BD	**Sample ID:** MW-9
Site Location: Alameda		**QA/QC Sample:** ---
Date Purged: 12/6/11	**Start (2400hr):** 0905	**End (2400hr):** 0940
Date Sampled: 12/6/11	**Well Head PID (ppm):** ---	**Initial DTW (ft bgs):** 9.56
Casing Diameter (inch): 4"	**Well Integrity:** good	
Depth to Bottom (ft): 19.97	**Depth of Pump Intake (ft.) (zone of interest):** ~12.00	
Type of Purge Pump: bladder	**Optimal Purge Rate (ml/min.):** 120	

Field Measurements

Date (mm/dd/yy)	Time (2400hr)	Volume (liters)	Temp. (deg. C)	Conduct. (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Color (visual)	DTW (ft)
12/6/11	0912	.80	15.79	668	7.73	5.74	241.6	clear	9.68
	0917	1.40	16.45	660	3.40	5.74	241.7	"	"
	0922	2.00	16.97	658	2.58	5.73	240.8	"	"
	0927	2.60	17.42	655	1.75	5.74	238.4	"	"
	0932	3.20	17.57	654	1.62	5.74	236.7	"	"
	0937	3.80	17.64	653	1.55	5.80	230.2	"	"

Sample Information

Sample DTW (ft): 9.68
Sampled with: X Pump ___ Bailer
Odor: none
Sample Container/Preservative: 3 VOAs/none
Lab Analysis: 8260

Sample Turbidity: low
Sample Time: 0940
Sample Flow Rate (ml/min.): <100

Notes:

GUIDE: DTW = Depth to Water
Lower pump and water level meter slowly into groundwater to reduce disturbing it.
Don't let water table drop more than 0.3 feet while micro-purging.
Ideal purge rate is between 150 & 500 ml/min and ideal sample flow rate is 100 ml/min.
Parameters are stable when at least 3 consecutive readings within following ranges:
± 3% °C for Temp. ± 3% for conductivity ± 10% or ± 0.2 mg/l for DO
± 0.1 for pH units ± 20 mV or ORP 10% for turbidity where applicable

Signature: Brian Doherty

ATTACHMENT B

LABORATORY REPORT AND
CHAIN-OF-CUSTODY DOCUMENTATION

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster St.

Work Order No.: 1110007

Dear Brian Doherty:

Torrent Laboratory, Inc. received 7 sample(s) on October 03, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

G.Gueorguieva
Sr. Project Manager

October 10, 2011
Date

Date: 10/10/2011

Client: Tec Accutite

Project: 1435 Webster St.

Work Order: 1110007

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

483 Sinclair Frontage Rd., Milpitas, CA 95035 | *tel:* 408.263.5258 | *fax:* 408.263.8293 | www.torrentlab.com

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

MW-2 1110007-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	12	ug/L
1,2-Dichloroethane	SW8260B	1	0.28	0.50	0.80	ug/L

MW-3 1110007-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

MW-4 1110007-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	70	ug/L
1,2-Dichloroethane	SW8260B	1	0.28	0.50	2.4	ug/L
TPH(Gasoline)	8260TPH	1	22	50	73	ug/L

MW-6 1110007-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

MW-7 1110007-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	4.3	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

MW-8 1110007-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Diisopropyl ether (DIPE)	SW8260B	1	0.36	0.50	8.2	ug/L
Toluene	SW8260B	1	0.19	0.50	2.0	ug/L
Ethyl Benzene	SW8260B	1	0.15	0.50	38	ug/L
m,p-Xylene	SW8260B	1	0.20	1.0	5.3	ug/L
TPH(Gasoline)	8260TPH	1	22	50	2500	ug/L
Benzene	SW8260B	22	7.4	11	140	ug/L
1,2-Dichloroethane	SW8260B	22	6.1	11	180	ug/L
MTBE	SW8260B	88	33	44	5600	ug/L

MW-9 1110007-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-2	**Lab Sample ID:**	1110007-001A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 11:08		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/07/11	1	0.38	0.50	12		ug/L	406971	NA
tert-Butanol	SW8260B	NA	10/07/11	1	1.5	5.0	ND		ug/L	406971	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/07/11	1	0.36	0.50	ND		ug/L	406971	NA
ETBE	SW8260B	NA	10/07/11	1	0.40	0.50	ND		ug/L	406971	NA
Benzene	SW8260B	NA	10/07/11	1	0.33	0.50	ND		ug/L	406971	NA
TAME	SW8260B	NA	10/07/11	1	0.32	0.50	ND		ug/L	406971	NA
1,2-Dichloroethane	SW8260B	NA	10/07/11	1	0.28	0.50	0.80		ug/L	406971	NA
Toluene	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
1,2-Dibromoethane	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
Ethyl Benzene	SW8260B	NA	10/07/11	1	0.15	0.50	ND		ug/L	406971	NA
m,p-Xylene	SW8260B	NA	10/07/11	1	0.20	1.0	ND		ug/L	406971	NA
o-Xylene	SW8260B	NA	10/07/11	1	0.13	0.50	ND		ug/L	406971	NA
(S) Dibromofluoromethane	SW8260B	NA	10/07/11	1	61.2	131	99.9		%	406971	NA
(S) Toluene-d8	SW8260B	NA	10/07/11	1	75.1	127	121		%	406971	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/07/11	1	64.1	120	92.9		%	406971	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	ND		ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	80.5		%	406971	3816

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-3	**Lab Sample ID:**	1110007-002A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 10:47		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/07/11	1	0.38	0.50	ND		ug/L	406971	NA
tert-Butanol	SW8260B	NA	10/07/11	1	1.5	5.0	ND		ug/L	406971	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/07/11	1	0.36	0.50	ND		ug/L	406971	NA
ETBE	SW8260B	NA	10/07/11	1	0.40	0.50	ND		ug/L	406971	NA
Benzene	SW8260B	NA	10/07/11	1	0.33	0.50	ND		ug/L	406971	NA
TAME	SW8260B	NA	10/07/11	1	0.32	0.50	ND		ug/L	406971	NA
1,2-Dichloroethane	SW8260B	NA	10/07/11	1	0.28	0.50	ND		ug/L	406971	NA
Toluene	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
1,2-Dibromoethane	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
Ethyl Benzene	SW8260B	NA	10/07/11	1	0.15	0.50	ND		ug/L	406971	NA
m,p-Xylene	SW8260B	NA	10/07/11	1	0.20	1.0	ND		ug/L	406971	NA
o-Xylene	SW8260B	NA	10/07/11	1	0.13	0.50	ND		ug/L	406971	NA
(S) Dibromofluoromethane	SW8260B	NA	10/07/11	1	61.2	131	107		%	406971	NA
(S) Toluene-d8	SW8260B	NA	10/07/11	1	75.1	127	122		%	406971	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/07/11	1	64.1	120	93.7		%	406971	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	ND		ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	94.9		%	406971	3816

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-4	**Lab Sample ID:**	1110007-003A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 11:35		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/07/11	1	0.38	0.50	70		ug/L	406971	NA
tert-Butanol	SW8260B	NA	10/07/11	1	1.5	5.0	ND		ug/L	406971	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/07/11	1	0.36	0.50	ND		ug/L	406971	NA
ETBE	SW8260B	NA	10/07/11	1	0.40	0.50	ND		ug/L	406971	NA
Benzene	SW8260B	NA	10/07/11	1	0.33	0.50	ND		ug/L	406971	NA
TAME	SW8260B	NA	10/07/11	1	0.32	0.50	ND		ug/L	406971	NA
1,2-Dichloroethane	SW8260B	NA	10/07/11	1	0.28	0.50	2.4		ug/L	406971	NA
Toluene	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
1,2-Dibromoethane	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
Ethyl Benzene	SW8260B	NA	10/07/11	1	0.15	0.50	ND		ug/L	406971	NA
m,p-Xylene	SW8260B	NA	10/07/11	1	0.20	1.0	ND		ug/L	406971	NA
o-Xylene	SW8260B	NA	10/07/11	1	0.13	0.50	ND		ug/L	406971	NA
(S) Dibromofluoromethane	SW8260B	NA	10/07/11	1	61.2	131	106		%	406971	NA
(S) Toluene-d8	SW8260B	NA	10/07/11	1	75.1	127	121		%	406971	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/07/11	1	64.1	120	91.5		%	406971	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	73	x	ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	77.8		%	406971	3816

NOTE: x-Not typical of Gasoline standard pattern. Result due to discrete peak (MTBE).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-6	**Lab Sample ID:**	1110007-004A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 10:21		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/07/11	1	0.38	0.50	ND		ug/L	406971	NA
tert-Butanol	SW8260B	NA	10/07/11	1	1.5	5.0	ND		ug/L	406971	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/07/11	1	0.36	0.50	ND		ug/L	406971	NA
ETBE	SW8260B	NA	10/07/11	1	0.40	0.50	ND		ug/L	406971	NA
Benzene	SW8260B	NA	10/07/11	1	0.33	0.50	ND		ug/L	406971	NA
TAME	SW8260B	NA	10/07/11	1	0.32	0.50	ND		ug/L	406971	NA
1,2-Dichloroethane	SW8260B	NA	10/07/11	1	0.28	0.50	ND		ug/L	406971	NA
Toluene	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
1,2-Dibromoethane	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
Ethyl Benzene	SW8260B	NA	10/07/11	1	0.15	0.50	ND		ug/L	406971	NA
m,p-Xylene	SW8260B	NA	10/07/11	1	0.20	1.0	ND		ug/L	406971	NA
o-Xylene	SW8260B	NA	10/07/11	1	0.13	0.50	ND		ug/L	406971	NA
(S) Dibromofluoromethane	SW8260B	NA	10/07/11	1	61.2	131	104		%	406971	NA
(S) Toluene-d8	SW8260B	NA	10/07/11	1	75.1	127	122		%	406971	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/07/11	1	64.1	120	92.7		%	406971	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	ND		ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	83.2		%	406971	3816

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-7	**Lab Sample ID:**	1110007-005A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 13:05		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/07/11	1	0.38	0.50	4.3		ug/L	406971	NA
tert-Butanol	SW8260B	NA	10/07/11	1	1.5	5.0	ND		ug/L	406971	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/07/11	1	0.36	0.50	ND		ug/L	406971	NA
ETBE	SW8260B	NA	10/07/11	1	0.40	0.50	ND		ug/L	406971	NA
Benzene	SW8260B	NA	10/07/11	1	0.33	0.50	ND		ug/L	406971	NA
TAME	SW8260B	NA	10/07/11	1	0.32	0.50	ND		ug/L	406971	NA
1,2-Dichloroethane	SW8260B	NA	10/07/11	1	0.28	0.50	ND		ug/L	406971	NA
Toluene	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
1,2-Dibromoethane	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
Ethyl Benzene	SW8260B	NA	10/07/11	1	0.15	0.50	ND		ug/L	406971	NA
m,p-Xylene	SW8260B	NA	10/07/11	1	0.20	1.0	ND		ug/L	406971	NA
o-Xylene	SW8260B	NA	10/07/11	1	0.13	0.50	ND		ug/L	406971	NA
(S) Dibromofluoromethane	SW8260B	NA	10/07/11	1	61.2	131	108		%	406971	NA
(S) Toluene-d8	SW8260B	NA	10/07/11	1	75.1	127	121		%	406971	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/07/11	1	64.1	120	92.5		%	406971	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	ND		ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	75.0		%	406971	3816

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-8	**Lab Sample ID:**	1110007-006A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 13:41		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
tert-Butanol	SW8260B	NA	10/07/11	1	1.5	5.0	ND		ug/L	406971	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/07/11	1	0.36	0.50	8.2		ug/L	406971	NA
ETBE	SW8260B	NA	10/07/11	1	0.40	0.50	ND		ug/L	406971	NA
TAME	SW8260B	NA	10/07/11	1	0.32	0.50	ND		ug/L	406971	NA
Toluene	SW8260B	NA	10/07/11	1	0.19	0.50	2.0		ug/L	406971	NA
1,2-Dibromoethane	SW8260B	NA	10/07/11	1	0.19	0.50	ND		ug/L	406971	NA
Ethyl Benzene	SW8260B	NA	10/07/11	1	0.15	0.50	38		ug/L	406971	NA
m,p-Xylene	SW8260B	NA	10/07/11	1	0.20	1.0	5.3		ug/L	406971	NA
o-Xylene	SW8260B	NA	10/07/11	1	0.13	0.50	ND		ug/L	406971	NA
(S) Dibromofluoromethane	SW8260B	NA	10/07/11	1	61.2	131	103		%	406971	NA
(S) Toluene-d8	SW8260B	NA	10/07/11	1	75.1	127	116		%	406971	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/07/11	1	64.1	120	89.6		%	406971	NA
Benzene	SW8260B	NA	10/10/11	22	7.4	11	140		ug/L	406973	NA
1,2-Dichloroethane	SW8260B	NA	10/10/11	22	6.1	11	180		ug/L	406973	NA
(S) Dibromofluoromethane	SW8260B	NA	10/10/11	22	61.2	131	108		%	406973	NA
(S) Toluene-d8	SW8260B	NA	10/10/11	22	75.1	127	115		%	406973	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/10/11	22	64.1	120	99.2		%	406973	NA
MTBE	SW8260B	NA	10/10/11	88	33	44	5600		ug/L	406973	NA
(S) Dibromofluoromethane	SW8260B	NA	10/10/11	88	61.2	131	107		%	406973	NA
(S) Toluene-d8	SW8260B	NA	10/10/11	88	75.1	127	114		%	406973	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/10/11	88	64.1	120	97.1		%	406973	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	2500	x	ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	89.5		%	406971	3816

NOTE: x-Not typical of Gasoline standard pattern. Result due to discrete peak (MTBE).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/03/11
Date Reported: 10/10/11

Client Sample ID:	MW-9	**Lab Sample ID:**	1110007-007A
Project Name/Location:	1435 Webster St.	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	09/30/11 / 9:55		
Tag Number:	1435 Webster St.		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/10/11	1	0.38	0.50	ND		ug/L	406973	NA
tert-Butanol	SW8260B	NA	10/10/11	1	1.5	5.0	ND		ug/L	406973	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/10/11	1	0.36	0.50	ND		ug/L	406973	NA
ETBE	SW8260B	NA	10/10/11	1	0.40	0.50	ND		ug/L	406973	NA
Benzene	SW8260B	NA	10/10/11	1	0.33	0.50	ND		ug/L	406973	NA
TAME	SW8260B	NA	10/10/11	1	0.32	0.50	ND		ug/L	406973	NA
1,2-Dichloroethane	SW8260B	NA	10/10/11	1	0.28	0.50	ND		ug/L	406973	NA
Toluene	SW8260B	NA	10/10/11	1	0.19	0.50	ND		ug/L	406973	NA
1,2-Dibromoethane	SW8260B	NA	10/10/11	1	0.19	0.50	ND		ug/L	406973	NA
Ethyl Benzene	SW8260B	NA	10/10/11	1	0.15	0.50	ND		ug/L	406973	NA
m,p-Xylene	SW8260B	NA	10/10/11	1	0.20	1.0	ND		ug/L	406973	NA
o-Xylene	SW8260B	NA	10/10/11	1	0.13	0.50	ND		ug/L	406973	NA
(S) Dibromofluoromethane	SW8260B	NA	10/10/11	1	61.2	131	110		%	406973	NA
(S) Toluene-d8	SW8260B	NA	10/10/11	1	75.1	127	115		%	406973	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/10/11	1	64.1	120	99.9		%	406973	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/7/11	10/07/11	1	22	50	ND		ug/L	406971	3816
(S) 4-Bromofluorobenzene	8260TPH	10/7/11	10/07/11	1	71	131	84.8		%	406971	3816

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110007	**Prep Method:**	5030	**Prep Date:**	10/07/11	**Prep Batch:**	3816
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/07/11	**Analytical Batch:**	406971
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			92.0	

Work Order:	1110007	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/07/11	**Analytical Batch:**	406971
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110007	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/07/11	**Analytical Batch:**	406971
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			102	
(S) Toluene-d8			120	
(S) 4-Bromofluorobenzene			90.9	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110007	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/10/11	**Analytical Batch:**	406973
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110007	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/10/11	**Analytical Batch:**	406973
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			109		
(S) Toluene-d8			116		
(S) 4-Bromofluorobenzene			101		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110007	**Prep Method:**	5030	**Prep Date:**	10/07/11	**Prep Batch:**	3816
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/07/11	**Analytical Batch:**	406971
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	85.8	86.6	0.899	52.4 - 127	30	
(S) 4-Bromofluorobenzene			92.0	11.36	95.5	85.1		41.5 - 125		

Work Order:	1110007	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/07/11	**Analytical Batch:**	406971
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	93.1	90.1	3.53	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	74.7	75.4	1.17	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	104	102	2.28	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	106	101	4.32	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	105	102	3.04	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	96.1	98.1		61.2 - 131		
(S) Toluene-d8			ND	11.36	118	116		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	83.4	85.4		64.1 - 120		

Work Order:	1110007	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/10/11	**Analytical Batch:**	406973
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	87.2	115	27.6	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	82.5	95.5	14.3	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	100	108	7.34	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	101	105	4.41	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	101	105	4.13	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	102	99.6		61.2 - 131		
(S) Toluene-d8			ND	11.36	114	106		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	90.3	90.8		64.1 - 120		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster St.

Work Order No.: 1110007

Date and Time Received: 10/3/2011 18:50

Received By: NG

Physically Logged By: YB

Checklist Completed By: YB

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: 4 °C
Water-VOA vials have zero headspace?	No
Water-pH acceptable upon receipt?	
pH Checked by:	pH Adjusted by:

Login Summary Report

Client ID: TL5132 Tec Accutite
Project Name: 1435 Webster St.
Project # :
Report Due Date: 10/10/2011

QC Level:
TAT Requested: 5+ day:0
Date Received: 10/3/2011
Time Received: 18:50

Comments: 5 day TAT! Received 7 waters @ 4'C for TPHg,BTEX,Oxy,Lead scav for all samples.

Work Order # : ***1110007***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1110007-001A	MW-2	09/30/11 11:08	Water	11/17/11			W_8260Pet EDF W_GCMS-GRO	
Sample Note:	TPHg,BTEX,Oxy,Lead scav for all samples. Run to ESLs.							
1110007-002A	MW-3	09/30/11 10:47	Water	11/17/11			W_8260Pet W_GCMS-GRO	
1110007-003A	MW-4	09/30/11 11:35	Water	11/17/11			W_8260Pet W_GCMS-GRO	
1110007-004A	MW-6	09/30/11 10:21	Water	11/17/11			W_8260Pet W_GCMS-GRO	
1110007-005A	MW-7	09/30/11 13:05	Water	11/17/11			W_8260Pet W_GCMS-GRO	
1110007-006A	MW-8	09/30/11 13:41	Water	11/17/11			W_8260Pet W_GCMS-GRO	
1110007-007A	MW-9	09/30/11 9:55	Water	11/17/11			W_8260Pet W_GCMS-GRO	

Torrent LABORATORY, INC.

TEC ACCUTITE
262 Michelle Court
South San Francisco, CA 94080
Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1110007

Project Name:	1435 Webster			Report to: Brian tecaccutite@gmail.com	
Project Address:	1435 Webster St. Alameda, CA			Bill to: TEC Accutite (650) 616-1200	
Global ID:	T0600100766			PO #: 19640	
Sampler:	BD	Date: 10/3/11			

Turn-around Time (work days): ASAP | 1 Day | 2 Days | 3 Days | 5 Days (selected) | 10 Days | Other:

Sample Type: ground water

Report Format: EDF

Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time	8260 TPHg BTEX oxygenates, lead scavengers								Remarks
001A MW-2	MW-2	W	3	VOAs w/ HCl	9/30/11 1108	√								Run to ESLs
002A MW-3	MW-3	W	3	VOAs w/ HCl	9/30/11 1047	√								
003A MW-4	MW-4	W	3	VOAs w/ HCl	9/30/11 1135	√								
004A MW-6	MW-6	W	3	VOAs w/ HCl	9/30/11 1021	√								
005A MW-7	MW-7	W	3	VOAs w/ HCl	9/30/11 1305	√								Temp 4°C
006A MW-8	MW-8	W	3	VOAs w/ HCl	9/30/11 1341	√								
007A MW-9	MW-9	W	3	VOAs w/ HCl	9/30/11 0955	√								

Relinquished by	Date	Time	Received by	Date	Time
Brian Doherty (signature)	10/3/11	4:50 pm	David Dagstanyan (signature)	10/3/11	4:50 PM
David Dagstanyan (signature)	10/3/11	6:50 PM	NAVIN G (signature)	10/3/11	6:50 P.M

First Courier

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster

Work Order No.: 1110123

Dear Brian Doherty:

Torrent Laboratory, Inc. received 8 sample(s) on October 14, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

G.Gueorguieva
Sr. Project Manager

October 24, 2011
Date

Date: 10/24/2011

Client: Tec Accutite

Project: 1435 Webster

Work Order: 1110123

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

I-A3 1110123-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	11	240	550	18000	ug/L
Benzene	SW8260B	11	3.7	5.5	290	ug/L
Toluene	SW8260B	11	2.1	5.5	540	ug/L
Ethyl Benzene	SW8260B	11	1.7	5.5	390	ug/L
m,p-Xylene	SW8260B	11	2.2	11	1300	ug/L
o-Xylene	SW8260B	11	1.4	5.5	470	ug/L

I-B1 1110123-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	4.4	1.5	2.2	19	ug/L
Ethyl Benzene	SW8260B	4.4	0.68	2.2	300	ug/L
m,p-Xylene	SW8260B	4.4	0.88	4.4	350	ug/L
o-Xylene	SW8260B	4.4	0.56	2.2	2.2	ug/L
TPH(Gasoline)	8260TPH	4.4	95	220	12000	ug/L

I-B6 1110123-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	11	240	550	20000	ug/L
MTBE	SW8260B	44	17	22	720	ug/L
Benzene	SW8260B	44	15	22	6100	ug/L
Toluene	SW8260B	44	8.4	22	1100	ug/L
Ethyl Benzene	SW8260B	44	6.8	22	1800	ug/L
m,p-Xylene	SW8260B	44	8.8	44	2000	ug/L
o-Xylene	SW8260B	44	5.6	22	380	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

I-C1 1110123-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	1	0.33	0.50	56	ug/L
Toluene	SW8260B	1	0.19	0.50	61	ug/L
Ethyl Benzene	SW8260B	1	0.15	0.50	52	ug/L
m,p-Xylene	SW8260B	1	0.20	1.0	190	ug/L
o-Xylene	SW8260B	1	0.13	0.50	62	ug/L
TPH(Gasoline)	8260TPH	8.8	190	440	2600	ug/L

I-A3 @ 9' 1110123-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

I-B1@ 9' 1110123-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Ethyl Benzene	SW8260B	100	86	1000	2300	ug/Kg
m,p-Xylene	SW8260B	100	190	1000	3100	ug/Kg
TPH(Gasoline)	8260TPH	100	1700	10000	170000	ug/Kg

I-B6 @ 9' 1110123-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Ethyl Benzene	SW8260B	100	86	1000	2300	ug/Kg
m,p-Xylene	SW8260B	100	190	1000	5900	ug/Kg
o-Xylene	SW8260B	100	66	500	1500	ug/Kg
TPH(Gasoline)	8260TPH	100	1700	10000	150000	ug/Kg

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

I-C1 @ 9' 1110123-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-A3	**Lab Sample ID:**	1110123-001A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/04/11 / 10:16		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/20/11	11	4.1	5.5	ND		ug/L	407137	NA
tert-Butanol	SW8260B	NA	10/20/11	11	17	55	ND		ug/L	407137	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/20/11	11	4.0	5.5	ND		ug/L	407137	NA
ETBE	SW8260B	NA	10/20/11	11	4.4	5.5	ND		ug/L	407137	NA
Benzene	SW8260B	NA	10/20/11	11	3.7	5.5	290		ug/L	407137	NA
TAME	SW8260B	NA	10/20/11	11	3.5	5.5	ND		ug/L	407137	NA
Toluene	SW8260B	NA	10/20/11	11	2.1	5.5	540		ug/L	407137	NA
Ethyl Benzene	SW8260B	NA	10/20/11	11	1.7	5.5	390		ug/L	407137	NA
m,p-Xylene	SW8260B	NA	10/20/11	11	2.2	11	1300		ug/L	407137	NA
o-Xylene	SW8260B	NA	10/20/11	11	1.4	5.5	470		ug/L	407137	NA
(S) Dibromofluoromethane	SW8260B	NA	10/20/11	11	61.2	131	99.0		%	407137	NA
(S) Toluene-d8	SW8260B	NA	10/20/11	11	75.1	127	87.6		%	407137	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/20/11	11	64.1	120	113		%	407137	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	10/20/11	11	240	550	18000		ug/L	407137	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	10/20/11	11	41.5	125	95.6		%	407137	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-B1	**Lab Sample ID:**	1110123-002A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/04/11 / 10:49		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/20/11	4.4	1.7	2.2	ND		ug/L	407137	NA
tert-Butanol	SW8260B	NA	10/20/11	4.4	6.6	22	ND		ug/L	407137	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/20/11	4.4	1.6	2.2	ND		ug/L	407137	NA
ETBE	SW8260B	NA	10/20/11	4.4	1.7	2.2	ND		ug/L	407137	NA
Benzene	SW8260B	NA	10/20/11	4.4	1.5	2.2	19		ug/L	407137	NA
TAME	SW8260B	NA	10/20/11	4.4	1.4	2.2	ND		ug/L	407137	NA
Toluene	SW8260B	NA	10/20/11	4.4	0.84	2.2	ND		ug/L	407137	NA
Ethyl Benzene	SW8260B	NA	10/20/11	4.4	0.68	2.2	300		ug/L	407137	NA
m,p-Xylene	SW8260B	NA	10/20/11	4.4	0.88	4.4	350		ug/L	407137	NA
o-Xylene	SW8260B	NA	10/20/11	4.4	0.56	2.2	2.2		ug/L	407137	NA
(S) Dibromofluoromethane	SW8260B	NA	10/20/11	4.4	61.2	131	98.6		%	407137	NA
(S) Toluene-d8	SW8260B	NA	10/20/11	4.4	75.1	127	91.4		%	407137	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/20/11	4.4	64.1	120	117		%	407137	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	10/20/11	4.4	95	220	12000	x	ug/L	407137	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	10/20/11	4.4	41.5	125	94.4		%	407137	NA

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-B6	**Lab Sample ID:**	1110123-003A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/04/11 / 13:54		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/24/11	44	17	22	720		ug/L	407177	NA
tert-Butanol	SW8260B	NA	10/24/11	44	66	220	ND		ug/L	407177	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/24/11	44	16	22	ND		ug/L	407177	NA
ETBE	SW8260B	NA	10/24/11	44	17	22	ND		ug/L	407177	NA
Benzene	SW8260B	NA	10/24/11	44	15	22	6100		ug/L	407177	NA
TAME	SW8260B	NA	10/24/11	44	14	22	ND		ug/L	407177	NA
Toluene	SW8260B	NA	10/24/11	44	8.4	22	1100		ug/L	407177	NA
Ethyl Benzene	SW8260B	NA	10/24/11	44	6.8	22	1800		ug/L	407177	NA
m,p-Xylene	SW8260B	NA	10/24/11	44	8.8	44	2000		ug/L	407177	NA
o-Xylene	SW8260B	NA	10/24/11	44	5.6	22	380		ug/L	407177	NA
(S) Dibromofluoromethane	SW8260B	NA	10/24/11	44	61.2	131	94.3		%	407177	NA
(S) Toluene-d8	SW8260B	NA	10/24/11	44	75.1	127	105		%	407177	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/24/11	44	64.1	120	95.0		%	407177	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/21/11	10/21/11	11	240	550	20000	x	ug/L	407162	3945
(S) 4-Bromofluorobenzene	8260TPH	10/21/11	10/21/11	11	41.5	125	80.7		%	407162	3945

NOTE: x - Does not match pattern of reference Gasoline standard. Reported value includes amount due to discrete peaks of aromatic compounds and contribution from non-fuel hydrocarbons in range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-C1	**Lab Sample ID:**	1110123-004A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/04/11 / 14:28		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/18/11	1	0.38	0.50	ND		ug/L	407156	NA
tert-Butanol	SW8260B	NA	10/18/11	1	1.5	5.0	ND		ug/L	407156	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/18/11	1	0.36	0.50	ND		ug/L	407156	NA
ETBE	SW8260B	NA	10/18/11	1	0.40	0.50	ND		ug/L	407156	NA
Benzene	SW8260B	NA	10/18/11	1	0.33	0.50	56		ug/L	407156	NA
TAME	SW8260B	NA	10/18/11	1	0.32	0.50	ND		ug/L	407156	NA
Toluene	SW8260B	NA	10/18/11	1	0.19	0.50	61		ug/L	407156	NA
Ethyl Benzene	SW8260B	NA	10/18/11	1	0.15	0.50	52		ug/L	407156	NA
m,p-Xylene	SW8260B	NA	10/18/11	1	0.20	1.0	190		ug/L	407156	NA
o-Xylene	SW8260B	NA	10/18/11	1	0.13	0.50	62		ug/L	407156	NA
(S) Dibromofluoromethane	SW8260B	NA	10/18/11	1	61.2	131	100		%	407156	NA
(S) Toluene-d8	SW8260B	NA	10/18/11	1	75.1	127	90.9		%	407156	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/18/11	1	64.1	120	105		%	407156	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	10/19/11	8.8	190	440	2600		ug/L	407168	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	10/19/11	8.8	41.5	125	97.7		%	407168	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-A3 @ 9'	**Lab Sample ID:**	1110123-005A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	10/04/11 / 9:30		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/20/11	1	2.6	10	ND		ug/Kg	407139	NA
tert-Butanol	SW8260B	NA	10/20/11	1	21	50	ND		ug/Kg	407139	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/20/11	1	2.2	10	ND		ug/Kg	407139	NA
ETBE	SW8260B	NA	10/20/11	1	2.4	10	ND		ug/Kg	407139	NA
Benzene	SW8260B	NA	10/20/11	1	1.5	10	ND		ug/Kg	407139	NA
TAME	SW8260B	NA	10/20/11	1	2.1	10	ND		ug/Kg	407139	NA
Toluene	SW8260B	NA	10/20/11	1	0.98	10	ND		ug/Kg	407139	NA
Ethyl Benzene	SW8260B	NA	10/20/11	1	0.86	10	ND		ug/Kg	407139	NA
m,p-Xylene	SW8260B	NA	10/20/11	1	1.9	10	ND		ug/Kg	407139	NA
o-Xylene	SW8260B	NA	10/20/11	1	0.66	5.0	ND		ug/Kg	407139	NA
(S) Dibromofluoromethane	SW8260B	NA	10/20/11	1	59.8	148	110		%	407139	NA
(S) Toluene-d8	SW8260B	NA	10/20/11	1	55.2	133	100		%	407139	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/20/11	1	55.8	141	116		%	407139	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/20/11	10/15/11	1	17	100	ND		ug/Kg	407084	3929
(S) 4-Bromofluorobenzene	8260TPH	10/20/11	10/15/11	1	43.9	127	63.4		%	407084	3929

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-B1@ 9'	**Lab Sample ID:**	1110123-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	10/04/11 / 10:20		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/15/11	100	260	1000	ND		ug/Kg	407084	NA
tert-Butanol	SW8260B	NA	10/15/11	100	2100	5000	ND		ug/Kg	407084	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/15/11	100	220	1000	ND		ug/Kg	407084	NA
ETBE	SW8260B	NA	10/15/11	100	240	1000	ND		ug/Kg	407084	NA
Benzene	SW8260B	NA	10/15/11	100	150	1000	ND		ug/Kg	407084	NA
TAME	SW8260B	NA	10/15/11	100	210	1000	ND		ug/Kg	407084	NA
Toluene	SW8260B	NA	10/15/11	100	98	1000	ND		ug/Kg	407084	NA
Ethyl Benzene	SW8260B	NA	10/15/11	100	86	1000	2300		ug/Kg	407084	NA
m,p-Xylene	SW8260B	NA	10/15/11	100	190	1000	3100		ug/Kg	407084	NA
o-Xylene	SW8260B	NA	10/15/11	100	66	500	ND		ug/Kg	407084	NA
(S) Dibromofluoromethane	SW8260B	NA	10/15/11	100	59.8	148	106		%	407084	NA
(S) Toluene-d8	SW8260B	NA	10/15/11	100	55.2	133	96.9		%	407084	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/15/11	100	55.8	141	115		%	407084	NA

NOTE: Reporting limits were raised due to high level of non-target hydrocarbons.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	10/15/11	100	1700	10000	170000	x	ug/Kg	407084	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	10/15/11	100	43.9	127	91.2		%	407084	NA

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes significant amount of non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-B6 @ 9'	**Lab Sample ID:**	1110123-007A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	10/04/11 / 13:39		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/15/11	100	260	1000	ND		ug/Kg	407084	NA
tert-Butanol	SW8260B	NA	10/15/11	100	2100	5000	ND		ug/Kg	407084	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/15/11	100	220	1000	ND		ug/Kg	407084	NA
ETBE	SW8260B	NA	10/15/11	100	240	1000	ND		ug/Kg	407084	NA
Benzene	SW8260B	NA	10/15/11	100	150	1000	ND		ug/Kg	407084	NA
TAME	SW8260B	NA	10/15/11	100	210	1000	ND		ug/Kg	407084	NA
Toluene	SW8260B	NA	10/15/11	100	98	1000	ND		ug/Kg	407084	NA
Ethyl Benzene	SW8260B	NA	10/15/11	100	86	1000	2300		ug/Kg	407084	NA
m,p-Xylene	SW8260B	NA	10/15/11	100	190	1000	5900		ug/Kg	407084	NA
o-Xylene	SW8260B	NA	10/15/11	100	66	500	1500		ug/Kg	407084	NA
(S) Dibromofluoromethane	SW8260B	NA	10/15/11	100	59.8	148	110		%	407084	NA
(S) Toluene-d8	SW8260B	NA	10/15/11	100	55.2	133	93.0		%	407084	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/15/11	100	55.8	141	108		%	407084	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	10/15/11	100	1700	10000	150000	x	ug/Kg	407084	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	10/15/11	100	43.9	127	82.4		%	407084	NA

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes significant amount of non-target hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/14/11
Date Reported: 10/24/11

Client Sample ID:	I-C1 @ 9'	**Lab Sample ID:**	1110123-008A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	10/04/11 / 14:16		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/15/11	1	2.6	10	ND		ug/Kg	407084	NA
tert-Butanol	SW8260B	NA	10/15/11	1	21	50	ND		ug/Kg	407084	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/15/11	1	2.2	10	ND		ug/Kg	407084	NA
ETBE	SW8260B	NA	10/15/11	1	2.4	10	ND		ug/Kg	407084	NA
Benzene	SW8260B	NA	10/15/11	1	1.5	10	ND		ug/Kg	407084	NA
TAME	SW8260B	NA	10/15/11	1	2.1	10	ND		ug/Kg	407084	NA
Toluene	SW8260B	NA	10/15/11	1	0.98	10	ND		ug/Kg	407084	NA
Ethyl Benzene	SW8260B	NA	10/15/11	1	0.86	10	ND		ug/Kg	407084	NA
m,p-Xylene	SW8260B	NA	10/15/11	1	1.9	10	ND		ug/Kg	407084	NA
o-Xylene	SW8260B	NA	10/15/11	1	0.66	5.0	ND		ug/Kg	407084	NA
(S) Dibromofluoromethane	SW8260B	NA	10/15/11	1	59.8	148	108		%	407084	NA
(S) Toluene-d8	SW8260B	NA	10/15/11	1	55.2	133	84.5		%	407084	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/15/11	1	55.8	141	110		%	407084	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	10/15/11	1	17	100	ND		ug/Kg	407084	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	10/15/11	1	43.9	127	64.3		%	407084	NA

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	5035	**Prep Date:**	10/15/11	**Prep Batch:**	3891
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/15/11	**Analytical Batch:**	407084
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			74.1	

Work Order:	1110123	**Prep Method:**	5030	**Prep Date:**	10/20/11	**Prep Batch:**	3924
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407137
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	33	
(S) 4-Bromofluorobenzene			100	

Work Order:	1110123	**Prep Method:**	5035	**Prep Date:**	10/20/11	**Prep Batch:**	3929
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407139
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			89.9	

Work Order:	1110123	**Prep Method:**	5030	**Prep Date:**	10/21/11	**Prep Batch:**	3945
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/21/11	**Analytical Batch:**	407162
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			70.8	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/15/11	**Analytical Batch:**	407084
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	4.4	10	ND	
Chloromethane	4.6	10	ND	
Vinyl Chloride	2.6	10	ND	
Bromomethane	4.7	10	ND	
Trichlorofluoromethane	2.9	10	ND	
1,1-Dichloroethene	1.5	10	ND	
Freon 113	3.7	10	ND	
Methylene Chloride	2.0	50	ND	
trans-1,2-Dichloroethene	1.1	10	ND	
MTBE	2.6	10	ND	
tert-Butanol	21	50	ND	
Diisopropyl ether (DIPE)	2.2	10	ND	
1,1-Dichloroethane	1.3	10	ND	
ETBE	2.4	10	ND	
cis-1,2-Dichloroethene	1.8	10	ND	
2,2-Dichloropropane	1.2	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	1.2	10	ND	
Carbon Tetrachloride	1.6	10	ND	
1,1,1-Trichloroethane	1.2	10	ND	
1,1-Dichloropropene	1.4	10	ND	
Benzene	1.5	10	ND	
TAME	2.1	10	ND	
1,2-Dichloroethane	1.9	10	ND	
Trichloroethylene	3.9	10	ND	
Dibromomethane	2.2	10	ND	
1,2-Dichloropropane	1.3	10	ND	
Bromodichloromethane	1.1	10	ND	
cis-1,3-Dichloropropene	1.4	10	ND	
Toluene	0.98	10	ND	
Tetrachloroethylene	1.8	10	ND	
trans-1,3-Dichloropropene	1.2	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.1	10	ND	
1,3-Dichloropropane	2.1	10	ND	
1,2-Dibromoethane	1.7	10	ND	
Ethyl Benzene	0.86	10	ND	
Chlorobenzene	4.2	10	ND	
1,1,1,2-Tetrachloroethane	0.86	10	ND	
m,p-Xylene	1.9	10	ND	
o-Xylene	0.66	5.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/15/11	**Analytical Batch:**	407084
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	ND		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
(S) Dibromofluoromethane			104		
(S) Toluene-d8			106		
(S) 4-Bromofluorobenzene			113		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407137
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407137
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			105		
(S) Toluene-d8			79.5		
(S) 4-Bromofluorobenzene			104		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407139
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	50	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	ND		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		
o-Xylene	0.66	5.0	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407139
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	ND		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
(S) Dibromofluoromethane			109		
(S) Toluene-d8			102		
(S) 4-Bromofluorobenzene			121		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/18/11	**Analytical Batch:**	407156
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/18/11	**Analytical Batch:**	407156
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			92.7		
(S) Toluene-d8			90.3		
(S) 4-Bromofluorobenzene			96.0		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/21/11	**Analytical Batch:**	407162
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/21/11	**Analytical Batch:**	407162
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			84.1	
(S) Toluene-d8			90.5	
(S) 4-Bromofluorobenzene			83.5	

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/19/11	**Analytical Batch:**	407168
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			86.9	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/24/11	**Analytical Batch:**	407177
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/24/11	**Analytical Batch:**	407177
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			104		
(S) Toluene-d8			106		
(S) 4-Bromofluorobenzene			98.0		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110123	**Prep Method:**	5035	**Prep Date:**	10/15/11	**Prep Batch:**	3891
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/15/11	**Analytical Batch:**	407084
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	ND	1000	115	119	3.69	48.2 - 132	30	
(S) 4-Bromofluorobenzene			74.1	50	82.8	84.7		57 - 127		

Work Order:	1110123	**Prep Method:**	5030	**Prep Date:**	10/20/11	**Prep Batch:**	3924
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407137
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	33	227.27	105	117	11.0	52.4 - 127	30	
(S) 4-Bromofluorobenzene			100	11.36	94.5	94.2		41.5 - 125		

Work Order:	1110123	**Prep Method:**	5035	**Prep Date:**	10/20/11	**Prep Batch:**	3929
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407139
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	ND	1000	95.2	95.6	0.453	48.2 - 132	30	
(S) 4-Bromofluorobenzene			89.9	50	85.4	86.1		57 - 127		

Work Order:	1110123	**Prep Method:**	5030	**Prep Date:**	10/21/11	**Prep Batch:**	3945
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/21/11	**Analytical Batch:**	407162
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	99.8	86.4	14.4	52.4 - 127	30	
(S) 4-Bromofluorobenzene			70.8	11.36	90.6	75.1		41.5 - 125		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/15/11	**Analytical Batch:**	407084
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	108	103	4.39	53.7 - 139	30	
Benzene	1.5	10	ND	50	90.1	88.3	1.95	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	104	98.8	5.13	57.5 - 150	30	
Toluene	0.98	10	ND	50	97.8	94.1	3.88	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	122	119	3.05	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	108	104		59.8 - 148		
(S) Toluene-d8			ND	50	103	102		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	112	117		55.8 - 141		

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407137
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	102	84.6	18.7	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	121	105	14.3	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	89.6	85.5	4.85	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	90.4	83.5	7.96	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	92.2	82.2	11.4	73.9 - 137	30	
(S) Dibromofluoromethane			ND	17.04	110	87.6		61.2 - 131		
(S) Toluene-d8			ND	17.04	88.3	77.2		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	17.04	114	98.6		64.1 - 120		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/20/11	**Analytical Batch:**	407139
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	86.8	88.4	1.85	53.7 - 139	30	
Benzene	1.5	10	ND	50	93.7	91.0	3.01	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	101	88.7	13.4	57.5 - 150	30	
Toluene	0.98	10	ND	50	90.3	94.6	4.50	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	108	112	3.38	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	108	105		59.8 - 148		
(S) Toluene-d8			ND	50	102	108		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	123	107		55.8 - 141		

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/18/11	**Analytical Batch:**	407156
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	86.3	80.4	7.03	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	85.4	80.4	6.35	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	80.7	76.9	5.18	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	83.7	78.3	6.99	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	81.3	76.4	6.53	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	80.5	79.1		61.2 - 131		
(S) Toluene-d8			ND	11.36	80.1	79.6		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	83.3	81.7		64.1 - 120		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/21/11	**Analytical Batch:**	407162
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	89.0	95.3	6.61	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	94.3	95.8	1.41	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	93.3	94.8	1.54	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	92.0	93.6	1.62	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	91.0	94.2	3.49	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	110	95.4		61.2 - 131		
(S) Toluene-d8			ND	11.36	105	92.8		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	100	89.4		64.1 - 120		

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/19/11	**Analytical Batch:**	407168
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	88.1	85.4	3.15	52.4 - 127	30	
(S) 4-Bromofluorobenzene			86.9	11.36	91.7	91.5		41.5 - 125		

Work Order:	1110123	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/24/11	**Analytical Batch:**	407177
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	84.0	85.6	2.03	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	79.9	83.1	3.99	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	86.7	87.2	0.357	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	87.8	86.5	1.79	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	87.4	88.1	0.709	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	87.0	91.3		61.2 - 131		
(S) Toluene-d8			ND	11.36	94.2	92.2		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	84.5	84.1		64.1 - 120		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster

Work Order No.: 1110123

Date and Time Received: 10/14/2011 18:00

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	10	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: pH Adjusted by:

All saqmples present and correct.

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5132 Tec Accutite
Project Name: 1435 Webster
Project # :
Report Due Date: 10/21/2011

QC Level:
TAT Requested: 5+ day:0
Date Received: 10/14/2011
Time Received: 18:00

Comments:

Work Order # : ***1110123***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1110123-001A	I-A3	10/04/11 10:16	Water	11/28/11			W_8260Pet EDF W_GCMS-GRO	
Sample Note:	Run to ESLs. TPHGas, BTEX, OXY by 8260							
1110123-002A	I-B1	10/04/11 10:49	Water	11/28/11			W_8260Pet W_GCMS-GRO	
1110123-003A	I-B6	10/04/11 13:54	Water	11/28/11			W_8260Pet W_GCMS-GRO W_GCMS-GRO	
1110123-004A	I-C1	10/04/11 14:28	Water	11/28/11			W_8260Pet W_GCMS-GRO	
1110123-005A	I-A3 @ 9'	10/04/11 9:30	Soil	04/11/12			S_GCMS-GRO S_8260Pet	
1110123-006A	I-B1@ 9'	10/04/11 10:20	Soil	04/11/12			S_GCMS-GRO S_8260Pet	
1110123-007A	I-B6 @ 9'	10/04/11 13:39	Soil	04/11/12			S_GCMS-GRO S_8260Pet	
1110123-008A	I-C1 @ 9'	10/04/11 14:16	Soil	04/11/12			S_GCMS-GRO S_8260Pet	

Torrent LABORATORY, INC.

TEC ACCUTITE
262 Michelle Court
South San Francisco, CA 94080
Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1110123

Project Name:	1435 Webster	Report to: Brian tecaccutite@gmail.com
Project Address:	1435 Webster St. Alameda, CA	Bill to: TEC Accutite (650) 616-1200
Global ID:	T0600100766	PO #: 19686
Sampler:	BD Date : 10/14/2011	

Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time	8260 TPHg BTEX oxygenates								Remarks
I-A3	I-A3	W	4	VOAs w/ HCl	10/04/11 1016	√		-001A						Run to ESLs
I-B1	I-B1	W	4	VOAs w/ HCl	10/04/11 1049	√		-002A						
I-B6	I-B6	W	4	VOAs w/ HCl	10/04/11 1354	√		-003A						
I-C1	I-C1	W	4	VOAs w/ HCl	10/04/11 1428	√		-004A						
I-A3 @ 9'	I-A3 @ 9'	S	1	Acetate	10/04/11 930	√		-005A						
I-B1 @ 9'	I-B1 @ 9'	S	1	Acetate	10/04/11 1020	√		-006A						Temp. 10°C
I-B6 @ 9'	I-B6 @ 9'	S	1	Acetate	10/04/11 1339	√		-007A						
I-C1 @ 9'	I-C1 @ 9'	S	1	Acetate	10/04/11 1416	√		-008A						

Analysis Required

Turn-around Time (work days): ASAP | 1 Day | 2 Days | 3 Days | 5 Days | 10 Days | Other:

Sample Type: ground water and soil

Report Format: EDF

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Brian Doherty	10/14/11	1645		10/14/11	4:45
	10/14/11	6:00PM	First Courier	10/14/11	6:00 P.M

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster

Work Order No.: 1110198

Dear Brian Doherty:

Torrent Laboratory, Inc. received 7 sample(s) on October 26, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

G.Gueorguieva
Sr. Project Manager

November 02, 2011
Date

Date: 11/2/2011

Client: Tec Accutite

Project: 1435 Webster

Work Order: 1110198

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

MW-2 1110198-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	20	ug/L
Iron (Dissolved)	SW6020	1	1.0	1.0	24	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	1.9	ug/L
Ferrous Iron	H8146	1	0.1	0.1	0.20	mg/L

MW-3 1110198-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	91	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	2.9	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	0.81	ug/L
Chromium, Hexavalent	SW7196A	1	3.0	10	18	ug/L

MW-4 1110198-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	40	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	2.7	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	1.0	ug/L
Chromium, Hexavalent	SW7196A	1	3.0	10	17	ug/L
MTBE	SW8260B	1	0.38	0.50	80	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

MW-6 1110198-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	7.4	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	0.54	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	1.0	ug/L

MW-7 1110198-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	12	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	1.7	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	2.0	ug/L
Selenium (Dissolved)	SW6020	1	0.083	1.0	1.0	ug/L
Ferrous Iron	H8146	1	0.1	0.1	0.22	mg/L

MW-8 1110198-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	2000	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	5.6	ug/L
Diisopropyl ether (DIPE)	SW8260B	1	0.36	0.50	16	ug/L
Benzene	SW8260B	1	0.33	0.50	3.7	ug/L
Ethyl Benzene	SW8260B	1	0.15	0.50	0.59	ug/L
Ferrous Iron	H8146	1	0.1	0.1	2.8	mg/L
TPH(Gasoline)	8260TPH	44	950	2200	6900	ug/L
MTBE	SW8260B	88	33	44	6600	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty

Tec Accutite

Date Received: 10/26/11

Date Reported: 11/02/11

MW-9 1110198-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	2.9	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	1.3	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-2	**Lab Sample ID:**	1110198-001A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 11:35		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	24		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	ND		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	1.9		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	ND		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	ND		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/27/11	1	0.38	0.50	20		ug/L	407246	NA
tert-Butanol	SW8260B	NA	10/27/11	1	1.5	5.0	ND		ug/L	407246	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	ND		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	ND		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	ND		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	94.4		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	94.9		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	87.0		%	407246	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	0.20		mg/L	407299	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	1	22	50	ND		ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	1	41.5	125	64.7		%	407246	3998

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-3	**Lab Sample ID:**	1110198-002A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 10:45		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	91		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	2.9		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	0.81		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	ND		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	18		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/27/11	1	0.38	0.50	ND		ug/L	407246	NA
tert-Butanol	SW8260B	NA	10/27/11	1	1.5	5.0	ND		ug/L	407246	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	ND		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	ND		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	ND		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	92.0		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	94.6		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	83.5		%	407246	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	ND		mg/L	407299	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	1	22	50	ND		ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	1	41.5	125	64.9		%	407246	3998

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-4	**Lab Sample ID:**	1110198-003A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 12:26		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	40		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	2.7		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	1.0		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	ND		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	17		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/27/11	1	0.38	0.50	80		ug/L	407246	NA
tert-Butanol	SW8260B	NA	10/27/11	1	1.5	5.0	ND		ug/L	407246	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	ND		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	ND		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	ND		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	94.9		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	94.6		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	85.3		%	407246	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	ND		mg/L	407299	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	1	22	50	ND		ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	1	41.5	125	62.9		%	407246	3998

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-6	**Lab Sample ID:**	1110198-004A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 10:02		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	7.4		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	0.54		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	1.0		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	ND		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	ND		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/27/11	1	0.38	0.50	ND		ug/L	407246	NA
tert-Butanol	SW8260B	NA	10/27/11	1	1.5	5.0	ND		ug/L	407246	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	ND		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	ND		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	ND		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	95.6		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	93.8		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	84.9		%	407246	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	ND		mg/L	407299	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	1	22	50	ND		ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	1	41.5	125	62.7		%	407246	3998

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-7	**Lab Sample ID:**	1110198-005A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 13:52		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	12		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	1.7		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	2.0		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	1.0		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	ND		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/27/11	1	0.38	0.50	ND		ug/L	407246	NA
tert-Butanol	SW8260B	NA	10/27/11	1	1.5	5.0	ND		ug/L	407246	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	ND		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	ND		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	ND		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	92.4		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	93.9		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	82.4		%	407246	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	0.22		mg/L	407299	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	1	22	50	ND		ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	1	41.5	125	61.8		%	407246	3998

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-8	**Lab Sample ID:**	1110198-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 13:13		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	2000		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	ND		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	5.6		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	ND		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	ND		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	16		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	3.7		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	0.59		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	95.6		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	94.2		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	85.0		%	407246	NA
MTBE	SW8260B	NA	10/28/11	88	33	44	6600		ug/L	407265	NA
tert-Butanol	SW8260B	NA	10/28/11	88	130	440	ND		ug/L	407265	NA
(S) Dibromofluoromethane	SW8260B	NA	10/28/11	88	61.2	131	91.4		%	407265	NA
(S) Toluene-d8	SW8260B	NA	10/28/11	88	75.1	127	96.2		%	407265	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/28/11	88	64.1	120	89.3		%	407265	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	2.8		mg/L	407299	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-8	**Lab Sample ID:**	1110198-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 13:13		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	44	950	2200	6900	x	ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	44	41.5	125	65.7		%	407246	3998

NOTE: x-Not typical of Gasoline standard pattern. Result due to discrete peak (MTBE).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/26/11
Date Reported: 11/02/11

Client Sample ID:	MW-9	**Lab Sample ID:**	1110198-007A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	10/26/11 / 9:12		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	11/02/11	1	1.0	1.0	2.9		ug/L	407295	NA
Chromium (Dissolved)	SW6020	NA	11/02/11	1	0.12	0.50	ND		ug/L	407295	NA
Arsenic (Dissolved)	SW6020	NA	11/02/11	1	0.11	0.30	1.3		ug/L	407295	NA
Selenium (Dissolved)	SW6020	NA	11/02/11	1	0.083	1.0	ND		ug/L	407295	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium, Hexavalent	SW7196A	NA	10/26/11	1	3.0	10	ND		ug/L	407300	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	10/27/11	1	0.38	0.50	ND		ug/L	407246	NA
tert-Butanol	SW8260B	NA	10/27/11	1	1.5	5.0	ND		ug/L	407246	NA
Diisopropyl ether (DIPE)	SW8260B	NA	10/27/11	1	0.36	0.50	ND		ug/L	407246	NA
ETBE	SW8260B	NA	10/27/11	1	0.40	0.50	ND		ug/L	407246	NA
Benzene	SW8260B	NA	10/27/11	1	0.33	0.50	ND		ug/L	407246	NA
TAME	SW8260B	NA	10/27/11	1	0.32	0.50	ND		ug/L	407246	NA
Toluene	SW8260B	NA	10/27/11	1	0.19	0.50	ND		ug/L	407246	NA
Ethyl Benzene	SW8260B	NA	10/27/11	1	0.15	0.50	ND		ug/L	407246	NA
m,p-Xylene	SW8260B	NA	10/27/11	1	0.20	1.0	ND		ug/L	407246	NA
o-Xylene	SW8260B	NA	10/27/11	1	0.13	0.50	ND		ug/L	407246	NA
(S) Dibromofluoromethane	SW8260B	NA	10/27/11	1	61.2	131	93.6		%	407246	NA
(S) Toluene-d8	SW8260B	NA	10/27/11	1	75.1	127	93.3		%	407246	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	10/27/11	1	64.1	120	86.2		%	407246	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron	H8146	NA	10/26/11	1	0.1	0.1	ND		mg/L	407299	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	10/27/11	10/27/11	1	22	50	ND		ug/L	407246	3998
(S) 4-Bromofluorobenzene	8260TPH	10/27/11	10/27/11	1	41.5	125	65.6		%	407246	3998

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110198	**Prep Method:**	5030	**Prep Date:**	10/27/11	**Prep Batch:**	3998
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/27/11	**Analytical Batch:**	407246
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			65.4	

Work Order:	1110198	**Prep Method:**	5030	**Prep Date:**	10/28/11	**Prep Batch:**	4011
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			69.2	

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/27/11	**Analytical Batch:**	407246
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/27/11	**Analytical Batch:**	407246
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
1,1,1-Trichloroethane	0.32	0.50	ND		
1,1-Dichloropropene	0.40	0.50	ND		
Benzene	0.33	0.50	ND		
TAME	0.32	0.50	ND		
1,2-Dichloroethane	0.28	0.50	ND		
Trichloroethylene	0.38	0.50	ND		
Dibromomethane	0.21	0.50	ND		
1,2-Dichloropropane	0.37	0.50	ND		
Bromodichloromethane	0.23	0.50	ND		
cis-1,3-Dichloropropene	0.30	0.50	ND		
Toluene	0.19	0.50	ND		
Tetrachloroethylene	0.15	0.50	ND		
trans-1,3-Dichloropropene	0.20	0.50	ND		
1,1,2-Trichloroethane	0.20	0.50	ND		
Dibromochloromethane	0.21	0.50	ND		
1,3-Dichloropropane	0.18	0.50	ND		
1,2-Dibromoethane	0.19	0.50	ND		
Chlorobenzene	0.14	0.50	ND		
Ethyl Benzene	0.15	0.50	ND		
1,1,1,2-Tetrachloroethane	0.10	0.50	ND		
m,p-Xylene	0.20	1.0	ND		
o-Xylene	0.13	0.50	ND		
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/27/11	**Analytical Batch:**	407246
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			96.0		
(S) Toluene-d8			96.0		
(S) 4-Bromofluorobenzene			90.3		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			92.1	
(S) Toluene-d8			95.5	
(S) 4-Bromofluorobenzene			88.3	

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW6020	**Analyzed Date:**	11/02/11	**Analytical Batch:**	407295
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Iron (Dissolved)	1.0	1.0	ND	
Chromium (Dissolved)	0.12	0.50	ND	
Arsenic (Dissolved)	0.11	0.30	ND	
Selenium (Dissolved)	0.083	1.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	H8146	**Analyzed Date:**	10/26/11	**Analytical Batch:**	407299
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Ferrous Iron	0.1	0.1	ND	

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW7196A	**Analyzed Date:**	10/26/11	**Analytical Batch:**	407300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Chromium, Hexavalent	3.0	10	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110198	**Prep Method:**	5030	**Prep Date:**	10/27/11	**Prep Batch:**	3998
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/27/11	**Analytical Batch:**	407246
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	120	121	0.739	52.4 - 127	30	
(S) 4-Bromofluorobenzene			65.4	11.36	74.3	72.7		41.5 - 125		

Work Order:	1110198	**Prep Method:**	5030	**Prep Date:**	10/28/11	**Prep Batch:**	4011
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	106	84.1	23.1	52.4 - 127	30	
(S) 4-Bromofluorobenzene			69.2	11.36	68.0	66.3		41.5 - 125		

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/27/11	**Analytical Batch:**	407246
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	82.6	86.0	3.85	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	80.5	84.3	4.69	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	81.9	88.1	6.98	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	83.8	87.9	4.67	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	84.5	89.6	5.85	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	84.5	83.0		61.2 - 131		
(S) Toluene-d8			ND	11.36	84.2	83.8		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	78.0	76.8		64.1 - 120		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	82.2	83.9	2.13	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	80.1	82.6	2.72	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	89.5	88.0	1.96	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	85.4	86.1	0.458	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	87.7	87.2	0.255	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	80.9	83.0		61.2 - 131		
(S) Toluene-d8			ND	11.36	82.4	82.0		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	72.2	75.3		64.1 - 120		

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW6020	**Analyzed Date:**	11/02/11	**Analytical Batch:**	407295
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Iron (Dissolved)	1.0	1.0	ND	50	91.8	92.1	0.0956	80 - 120	20	
Chromium (Dissolved)	0.12	0.50	ND	50	96.9	96.5	0.482	80 - 120	20	
Arsenic (Dissolved)	0.11	0.30	ND	50	104	104	0.298	80 - 120	20	
Selenium (Dissolved)	0.083	1.0	ND	50	97.6	98.3	0.342	80 - 120	20	

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW7196A	**Analyzed Date:**	10/26/11	**Analytical Batch:**	407300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium, Hexavalent	3.0	10	ND	10	90.0	100	10.5	90 - 110	20	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Water**	**Analytical Method:**	SW6020	**Analyzed Date:**	11/02/11	**Analytical Batch:**	407295
Spiked Sample:	1110198-001A						
Units:	ug/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Iron (Dissolved)	1.0	1.0	24	50	82.4	81.2	0.599	75 - 125	20	NR
Chromium (Dissolved)	0.12	0.50	0.19	50	94.7	95.0	0.700	75 - 125	20	NR
Arsenic (Dissolved)	0.11	0.30	1.9	50	97.2	99.2	2.96	75 - 125	20	NR
Selenium (Dissolved)	0.083	1.0	0.27	50	98.9	97.4	2.04	75 - 125	20	NR

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Water**	**Analytical Method:**	SW7196A	**Analyzed Date:**	10/26/11	**Analytical Batch:**	407300
Spiked Sample:	1110198-001A						
Units:	ug/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium, Hexavalent	3.0	10	4	10	110	100	6.90	85 - 115	20	

Duplicate QC Summary Report

Work Order:	1110198	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Water**	**Analytical Method:**	H8146	**Analyzed Date:**	10/26/11	**Analytical Batch:**	407299
Units:						**Lab Sample ID:**	1110198-001A-Dup

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD	
Ferrous Iron	0.1	0.1	0.20	0.23	14.0	

Raw values are used in quality control assessment.

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster

Work Order No.: 1110198

Date and Time Received: 10/26/2011 18:33

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes		
Container/Temp Blank temperature in compliance?		Temperature: 10	°C
Water-VOA vials have zero headspace?	Yes		
Water-pH acceptable upon receipt?	N/A		

pH Checked by: pH Adjusted by:

All samples present and correct.

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5132 Tec Accutite
Project Name: 1435 Webster
Project # :
Report Due Date: 11/2/2011
Comments:
Work Order # : ***1110198***

QC Level:
TAT Requested: 5+ day:0
Date Received: 10/26/2011
Time Received: 18:33

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1110198-001A	MW-2	10/26/11 11:35	Water	12/10/11			W_8260Pet W_7196ACrVI EDF W_6020_D W_Ferrous Iron W_GCMS-GRO	
Sample Note:	Run to ESLs.							
1110198-002A	MW-3	10/26/11 10:45	Water	12/10/11			W_8260Pet W_7196ACrVI W_6020_D W_Ferrous Iron W_GCMS-GRO	
1110198-003A	MW-4	10/26/11 12:26	Water	12/10/11			W_8260Pet W_7196ACrVI W_Ferrous Iron W_GCMS-GRO W_6020_D	
1110198-004A	MW-6	10/26/11 10:02	Water	12/10/11			W_8260Pet W_7196ACrVI W_GCMS-GRO W_Ferrous Iron W_6020_D	
1110198-005A	MW-7	10/26/11 13:52	Water	12/10/11			W_8260Pet W_7196ACrVI W_Ferrous Iron W_GCMS-GRO W_6020_D	
1110198-006A	MW-8	10/26/11 13:13	Water	12/10/11			W_8260Pet W_7196ACrVI W_Ferrous Iron	

Login Summary Report

Client ID: TL5132 Tec Accutite

Project Name: 1435 Webster

Project # :

Report Due Date: 11/2/2011

QC Level:

TAT Requested: 5+ day:0

Date Received: 10/26/2011

Time Received: 18:33

Comments:

Work Order # : ***1110198***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1110198-007A	MW-9	10/26/11 9:12	Water	12/10/11			W_GCMS-GRO W_6020_D W_8260Pet W_Ferrous Iron W_GCMS-GRO W_6020_D W_7196ACrVI	

Torrent LABORATORY, INC.

TEC ACCUTITE
262 Michelle Court
South San Francisco, CA 94080
Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1110198

Project Name:	1435 Webster	Report to: Brian tecaccutite@gmail.com	
Project Address:	1435 Webster St. Alameda, CA	Bill to: TEC Accutite (650) 616-1200	
Global ID:	T0600100766	PO #: 19714	
Sampler:	BD	Date: 10/26/11	

Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time	8260 TPHg BTEX oxygenates	6020B Disolved Metals (including Fe, Cr, Se, As)	7196 Hex. Chromium	SM3500D Ferrous Iron					
MW-2	MW-2	W	5	VOAs w/ HCl, poly, amber	10/26/11 1135	√	√	√	√	-001A				Run to ESLs
MW-3	MW-3	W	5	VOAs w/ HCl, poly, amber	10/26/11 1045	√	√	√	√	-002A				
MW-4	MW-4	W	5	VOAs w/ HCl, poly, amber	10/26/11 1226	√	√	√	√	-003A				
MW-6	MW-6	W	5	VOAs w/ HCl, poly, amber	10/26/11 1002	√	√	√	√	-004A				***PLEASE CHECK HOLD TIMES***
MW-7	MW-7	W	5	VOAs w/ HCl, poly, amber	10/26/11 1352	√	√	√	√	-005A				
MW-8	MW-8	W	5	VOAs w/ HCl, poly, amber	10/26/11 1313	√	√	√	√	-006A				Temp. 10 °C
MW-9	MW-9	W	5	VOAs w/ HCl, poly, amber	10/26/11 0912	√	√	√	√	-007A				Chilling has begun.

Analysis Required

Turn-around Time (work days): ASAP | 1 Day | 2 Days | 3 Days | 5 Days | 10 Days | Other:

Sample Type: ground water

Report Format: EDF

Remarks

Relinquished by: Brian Doherty	Date: 10/26/11	Time: 4:42	Received by: Dean Gaysa	Date: 10/26/11	Time: 4:42pm
Relinquished by: Dean Gaysa	Date: 10/26/11	Time: 6:33pm	Received by: T. G. Khedasara	Date: 10-26-11	Time: 18:33

FC.

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster

Work Order No.: 1110211

Dear Brian Doherty:

Torrent Laboratory, Inc. received 10 sample(s) on October 27, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

G.Gueorguieva
Sr. Project Manager

November 03, 2011
Date

Date: 11/3/2011

Client: Tec Accutite

Project: 1435 Webster

Work Order: 1110211

CASE NARRATIVE

Note for TO15/TO-3Gas analysis: The reporting limits were raised due to limited sample volume received (tedlar bag).

Note for TO-3Gas: Gasoline result is corrected for contribution from non-fuel compound (unknown single peak) within the gasoline quantitation range. Where no TPH as Gasoline compounds (BTEX) are present result reported as "ND".

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

VMP-1 (4) 1110211-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

VMP-1 (8) 1110211-002A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
m,p-Xylene	ETO15	5	8.1	22	15.6

VMP-2 (4) 1110211-003A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

VMP-2 (8) 1110211-004A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
m,p-Xylene	ETO15	5	8.1	22	55.1

VMP-3 (4) 1110211-005A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

VMP-3 (8) 1110211-006A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

VMP-4 (4) 1110211-007A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

VMP-4 (8) 1110211-008A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

VMP-5 (4) 1110211-009A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

VMP-5 (8) 1110211-010A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-1 (4)	**Lab Sample ID:**	1110211-001A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 12:08	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	115 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-1 (8)	**Lab Sample ID:**	1110211-002A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 12:00	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	15.6	3.59	J	407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	125 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-2 (4)	**Lab Sample ID:**	1110211-003A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:09	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	120 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-2 (8)	**Lab Sample ID:**	1110211-004A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:04	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	55.1	12.70		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	120 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	20	3500	7000	ND	ND		407275	NA

NOTE: Sample analyzed at a 20X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-3 (4)	**Lab Sample ID:**	1110211-005A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:24	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	120 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-3 (8)	**Lab Sample ID:**	1110211-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:19	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	110 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-4 (4)	**Lab Sample ID:**	1110211-007A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:36	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	95.0 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-4 (8)	**Lab Sample ID:**	1110211-008A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:30	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	110 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-5 (4)	**Lab Sample ID:**	1110211-009A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:47	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	115 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 10/27/11
Date Reported: 11/03/11

Client Sample ID:	VMP-5 (8)	**Lab Sample ID:**	1110211-010A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	10/27/11 / 11:41	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE	ETO15	NA	10/28/11	5	4.4	9.0	ND	ND		407274	NA
tert-Butanol	ETO15	NA	10/28/11	5	4.5	42	ND	ND		407274	NA
Diisopropyl ether (DIPE)	ETO15	NA	10/28/11	5	4.4	10	ND	ND		407274	NA
ETBE	ETO15	NA	10/28/11	5	3.4	10	ND	ND		407274	NA
Benzene	ETO15	NA	10/28/11	5	3.4	8.0	ND	ND		407274	NA
TAME	ETO15	NA	10/28/11	5	1.8	10	ND	ND		407274	NA
Toluene	ETO15	NA	10/28/11	5	4.7	9.4	ND	ND		407274	NA
Ethyl Benzene	ETO15	NA	10/28/11	5	5.0	11	ND	ND		407274	NA
m,p-Xylene	ETO15	NA	10/28/11	5	8.1	22	ND	ND		407274	NA
o-Xylene	ETO15	NA	10/28/11	5	4.1	11	ND	ND		407274	NA
(S) 4-Bromofluorobenzene	ETO15	NA	10/28/11	5	65	135	115 %			407274	NA

NOTE: Sample analyzed at a 5X dilution due to limited sample volume available (tedlar bag).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH-Gasoline	ETO3	NA	10/29/11	10	1800	3500	ND	ND		407275	NA

NOTE: Sample analyzed at a 10X dilution due to limited sample volume available (tedlar bag).

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110211	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407274
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.30	1.00	ND	
1,1-Difluoroethane	0.18	0.500	ND	
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND	
Chloromethane	0.15	0.500	ND	
Vinyl Chloride	0.26	1.00	ND	
1,3-Butadiene	0.20	0.500	ND	
Bromomethane	0.18	0.500	ND	
Chloroethane	0.19	0.500	ND	
Trichlorofluoromethane	0.32	1.00	ND	
1,1-Dichloroethene	0.15	0.500	ND	
Freon 113	0.11	0.500	ND	
Carbon Disulfide	0.26	1.00	ND	
2-Propanol (Isopropyl Alcohol)	0.39	4.00	ND	
Methylene Chloride	0.17	0.500	ND	
Acetone	0.37	4.00	ND	
trans-1,2-Dichloroethene	0.16	0.500	ND	
Hexane	0.15	0.500	ND	
MTBE	0.24	0.500	ND	
tert-Butanol	0.22	2.00	ND	
Diisopropyl ether (DIPE)	0.21	0.500	ND	
1,1-Dichloroethane	0.18	0.500	ND	
ETBE	0.16	0.500	ND	
cis-1,2-Dichloroethene	0.13	0.500	ND	
Chloroform	0.25	1.00	ND	
Vinyl Acetate	0.16	0.500	ND	
Carbon Tetrachloride	0.14	0.500	ND	
1,1,1-Trichloroethane	0.15	0.500	ND	
2-Butanone (MEK)	0.21	0.500	ND	
Ethyl Acetate	0.21	0.500	ND	
Tetrahydrofuran	0.10	0.500	ND	
Benzene	0.21	0.500	ND	
TAME	0.086	0.500	ND	
1,2-Dichloroethane (EDC)	0.24	0.500	ND	
Trichloroethylene	0.26	1.00	ND	
1,2-Dichloropropane	0.29	1.00	ND	
Bromodichloromethane	0.13	0.500	ND	
1,4-Dioxane	0.35	1.00	ND	
trans-1,3-Dichloropropene	0.19	0.500	ND	
Toluene	0.25	0.500	ND	
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND	
cis-1,3-Dichloropropene	0.25	0.500	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1110211	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407274
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
Benzyl Chloride	0.12	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			113	

Work Order:	1110211	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO3	**Analyzed Date:**	10/29/11	**Analytical Batch:**	407275
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH-Gasoline	50	100	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1110211	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	10/28/11	**Analytical Batch:**	407274
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	93.2	95.4	2.33	65 - 135	30	
Benzene	0.21	0.500	ND	20	94.8	94.1	0.688	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	106	104	2.76	65 - 135	30	
Toluene	0.25	0.500	ND	20	91.1	84.6	7.40	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	77.6	71.8	7.83	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	75.0	70.0		65 - 135		

Work Order:	1110211	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO3	**Analyzed Date:**	10/29/11	**Analytical Batch:**	407275
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH-Gasoline	50	100	ND	500	84.7	92.8	9.12	50 - 150	30	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster

Work Order No.: 1110211

Date and Time Received: 10/27/2011 18:20

Received By:

Physically Logged By:

Checklist Completed By:

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A
pH Checked by:	pH Adjusted by:

All samples present and correct.

Login Summary Report

Client ID: TL5132 Tec Accutite
Project Name: 1435 Webster
Project # :
Report Due Date: 11/3/2011

QC Level:
TAT Requested: 5+ day:0
Date Received: 10/27/2011
Time Received: 18:20

Comments:
Work Order # : ***1110211***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1110211-001A	VMP-1 (4)	10/27/11 12:08	Air				EDF A_TO-3GRO A_TO-15Pet	
Sample Note:	Run to ESLs.							
1110211-002A	VMP-1 (8)	10/27/11 12:00	Air				A_TO-3GRO A_TO-15Pet	
1110211-003A	VMP-2 (4)	10/27/11 11:09	Air				A_TO-3GRO A_TO-15Pet	
1110211-004A	VMP-2 (8)	10/27/11 11:04	Air				A_TO-3GRO A_TO-15Pet	
1110211-005A	VMP-3 (4)	10/27/11 11:24	Air				A_TO-3GRO A_TO-15Pet	
1110211-006A	VMP-3 (8)	10/27/11 11:19	Air				A_TO-3GRO A_TO-15Pet	
1110211-007A	VMP-4 (4)	10/27/11 11:36	Air				A_TO-3GRO A_TO-15Pet	
1110211-008A	VMP-4 (8)	10/27/11 11:30	Air				A_TO-3GRO A_TO-15Pet	
1110211-009A	VMP-5 (4)	10/27/11 11:47	Air				A_TO-3GRO A_TO-15Pet	
1110211-010A	VMP-5 (8)	10/27/11 11:41	Air				A_TO-3GRO A_TO-15Pet	

Torrent LABORATORY, INC.

TEC ACCUTITE
262 Michelle Court
South San Francisco, CA 94080
Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1110211

Project Name:	1435 Webster	Report to: Brian	
		tecaccutite@gmail.com	
Project Address:	1435 Webster St. Alameda, CA	Bill to: TEC Accutite	
		(650) 616-1200	
Global ID:	T0600100766	PO #: 19725	
Sampler:	BD	Date: 10/27/11	

Turn-around Time (work days): ASAP | 1 Day | 2 Days | 3 Days | 5 Days | 10 Days | Other:

Sample Type: vapor

Report Format: EDF

Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time	TPHg TO-3	BTEX fuel oxygenates							Remarks
VMP-1 (4)	VMP-1 (4)	A	1	Tedlar Bag	10/27/11 1208	✓	✓		-001A					Run to ESLs
VMP-1 (8)	VMP-1 (8)	A	1	Tedlar Bag	10/27/11 1200	✓	✓		-002A					
VMP-2 (4)	VMP-2 (4)	A	1	Tedlar Bag	10/27/11 1109	✓	✓		-003A					
VMP-2 (8)	VMP-2 (8)	A	1	Tedlar Bag	10/27/11 1104	✓	✓		-004A					
VMP-3 (4)	VMP-3 (4)	A	1	Tedlar Bag	10/27/11 1124	✓	✓		-005A					
VMP-3 (8)	VMP-3 (8)	A	1	Tedlar Bag	10/27/11 1119	✓	✓		-006A					
VMP-4 (4)	VMP-4 (4)	A	1	Tedlar Bag	10/27/11 1136	✓	✓		-007A					
VMP-4 (8)	VMP-4 (8)	A	1	Tedlar Bag	10/27/11 1130	✓	✓		-008A					
VMP-5 (4)	VMP-5 (4)	A	1	Tedlar Bag	10/27/11 1147	✓	✓		-009A					
VMP-5 (8)	VMP-5 (8)	A	1	Tedlar Bag	10/27/11 1141	✓	✓		-010A					

Relinquished by: Brian Doherty	Brian Doherty	Date: 10/27/11	Time: 4:15	Received by:	Dean Cerpa	Date: 10/27/11	Time: 4:15
Relinquished by:	Dean Cerpa	Date: 10/27/11	Time: 6:20pm	Received by: NAVIN/G	Navin/G Rodasara	Date: 10-27-11	Time: 6:20PM

First Courier

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster

Work Order No.: 1112044

Dear Brian Doherty:

Torrent Laboratory, Inc. received 7 sample(s) on December 06, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

G.Gueorguieva
Sr. Project Manager

December 13, 2011
Date

Date: 12/13/2011

Client: Tec Accutite

Project: 1435 Webster

Work Order: 1112044

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

Analytical Comments for method W_6020D, 1112044-001 MS/MSD, QC Analytical Batch ID 407774, Note:The % recoveries for Selenium are outside of laboratory control limits but are within % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

MW-2 1112044-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	15	ug/L
Ferrous Iron (Total)	H8146	1	0.1	0.1	0.12	mg/L
Iron (Dissolved)	SW6020	1	1.0	1.0	57	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	1.7	ug/L

MW-3 1112044-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	510	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	3.4	ug/L

MW-4 1112044-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	1	0.38	0.50	140	ug/L
tert-Butanol	SW8260B	1	1.5	5.0	14	ug/L
TPH(Gasoline)	8260TPH	1	22	50	110	ug/L
Iron (Dissolved)	SW6020	1	1.0	1.0	110	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	1.6	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	0.31	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

MW-6 1112044-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	39	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	0.53	ug/L

MW-7 1112044-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	37	ug/L
Chromium (Dissolved)	SW6020	1	0.12	0.50	1.5	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	1.1	ug/L

MW-8 1112044-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Diisopropyl ether (DIPE)	SW8260B	1	0.36	0.50	21	ug/L
Benzene	SW8260B	1	0.33	0.50	4.3	ug/L
Toluene	SW8260B	1	0.19	0.50	0.52	ug/L
Ethyl Benzene	SW8260B	1	0.15	0.50	0.56	ug/L
TPH(Gasoline)	8260TPH	1	22	50	2100	ug/L
tert-Butanol	SW8260B	44	66	220	590	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	7.2	ug/L
Iron (Dissolved)	SW6020	50	50	50	5600	ug/L
MTBE	SW8260B	88	33	44	10000	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Brian Doherty

Tec Accutite

Date Received: 12/06/11

Date Reported: 12/13/11

MW-9

1112044-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Iron (Dissolved)	SW6020	1	1.0	1.0	34	ug/L
Arsenic (Dissolved)	SW6020	1	0.11	0.30	0.38	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-2	**Lab Sample ID:**	1112044-001A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:53		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	12/12/11	1	1.0	1.0	57		ug/L	407774	NA
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	ND		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	1.7		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	1	0.38	0.50	15		ug/L	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	1	1.5	5.0	ND		ug/L	407776	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	ND		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	ND		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	ND		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	ND		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	117		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	103		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	109		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	0.12		mg/L	407773	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	ND		ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	77.7		%	407776	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-3	**Lab Sample ID:**	1112044-002A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:15		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	12/12/11	1	1.0	1.0	510		ug/L	407774	NA
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	3.4		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	ND		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	1	0.38	0.50	ND		ug/L	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	1	1.5	5.0	ND		ug/L	407776	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	ND		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	ND		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	ND		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	ND		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	118		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	102		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	109		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	ND		mg/L	407773	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	ND		ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	60.2		%	407776	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-4	**Lab Sample ID:**	1112044-003A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 13:09		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	12/12/11	1	1.0	1.0	110		ug/L	407774	NA
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	1.6		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	0.31		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	1	0.38	0.50	140		ug/L	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	1	1.5	5.0	14		ug/L	407776	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	ND		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	ND		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	ND		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	ND		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	114		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	104		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	110		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	ND		mg/L	407773	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	110	x	ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	67.5		%	407776	NA

NOTE: x - Does not match pattern of reference Gasoline standard. Reported value is the result of discrete peak (MTBE).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-6	**Lab Sample ID:**	1112044-004A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 10:39		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	12/12/11	1	1.0	1.0	39		ug/L	407774	NA
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	0.53		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	ND		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	1	0.38	0.50	ND		ug/L	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	1	1.5	5.0	ND		ug/L	407776	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	ND		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	ND		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	ND		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	ND		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	118		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	103		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	108		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	ND		mg/L	407773	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	ND		ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	69.1		%	407776	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-7	**Lab Sample ID:**	1112044-005A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:53		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	12/12/11	1	1.0	1.0	37		ug/L	407774	NA
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	1.5		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	1.1		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	1	0.38	0.50	ND		ug/L	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	1	1.5	5.0	ND		ug/L	407776	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	ND		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	ND		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	ND		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	ND		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	109		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	102		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	106		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	ND		mg/L	407773	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	ND		ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	70.8		%	407776	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-8	**Lab Sample ID:**	1112044-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:53		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	ND		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	7.2		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA
Iron (Dissolved)	SW6020	NA	12/12/11	50	50	50	5600		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	21		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	4.3		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	0.52		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	0.56		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	111		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	102		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	106		%	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	44	66	220	590		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	44	61.2	131	130		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	44	75.1	127	104		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	44	64.1	120	110		%	407776	NA
MTBE	SW8260B	NA	12/08/11	88	33	44	10000		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	88	61.2	131	114		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	88	75.1	127	104		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	88	64.1	120	109		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	ND		mg/L	407773	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-8	**Lab Sample ID:**	1112044-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:53		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	2100	x	ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	68.1		%	407776	NA

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes amount due to discrete peaks (MTBE/TBA) hydrocarbons within range of C5-C12 quantified as gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	MW-9	**Lab Sample ID:**	1112044-007A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:53		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Iron (Dissolved)	SW6020	NA	12/12/11	1	1.0	1.0	34		ug/L	407774	NA
Chromium (Dissolved)	SW6020	NA	12/12/11	1	0.12	0.50	ND		ug/L	407774	NA
Arsenic (Dissolved)	SW6020	NA	12/12/11	1	0.11	0.30	0.38		ug/L	407774	NA
Selenium (Dissolved)	SW6020	NA	12/12/11	1	0.083	1.0	ND		ug/L	407774	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Hexavalent Chromium	SW7196A	NA	12/07/11	1	3.0	10	ND		ug/L	407734	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	1	0.38	0.50	ND		ug/L	407776	NA
tert-Butanol	SW8260B	NA	12/08/11	1	1.5	5.0	ND		ug/L	407776	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	1	0.36	0.50	ND		ug/L	407776	NA
ETBE	SW8260B	NA	12/08/11	1	0.40	0.50	ND		ug/L	407776	NA
Benzene	SW8260B	NA	12/08/11	1	0.33	0.50	ND		ug/L	407776	NA
TAME	SW8260B	NA	12/08/11	1	0.32	0.50	ND		ug/L	407776	NA
Toluene	SW8260B	NA	12/08/11	1	0.19	0.50	ND		ug/L	407776	NA
Ethyl Benzene	SW8260B	NA	12/08/11	1	0.15	0.50	ND		ug/L	407776	NA
m,p-Xylene	SW8260B	NA	12/08/11	1	0.20	1.0	ND		ug/L	407776	NA
o-Xylene	SW8260B	NA	12/08/11	1	0.13	0.50	ND		ug/L	407776	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	1	61.2	131	111		%	407776	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	1	75.1	127	104		%	407776	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	1	64.1	120	111		%	407776	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ferrous Iron (Total)	H8146	NA	12/06/11	1	0.1	0.1	ND		mg/L	407773	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	1	22	50	ND		ug/L	407776	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	1	41.5	125	73.5		%	407776	NA

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW7196A	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407734
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Hexavalent Chromium	3.0	10	ND	

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	H8146	**Analyzed Date:**	12/06/11	**Analytical Batch:**	407773
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Ferrous Iron (Total)	0.1	0.1	ND	

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW6020	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407774
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Iron (Dissolved)	1.0	1.0	ND	
Chromium (Dissolved)	0.12	0.50	ND	
Arsenic (Dissolved)	0.11	0.30	ND	
Selenium (Dissolved)	0.083	1.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407776
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	0.25	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	
o-Xylene	0.13	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407776
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			116	
(S) Toluene-d8			103	
(S) 4-Bromofluorobenzene			104	

Work Order:	1112044	**Prep Method:**	5030	**Prep Date:**	12/08/11	**Prep Batch:**	4314
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407776
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			79.3	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW7196A	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407734
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Hexavalent Chromium	3.0	10	ND	10	92.0	92.2	0.261	90 - 110	20	

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW6020	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407774
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Iron (Dissolved)	1.0	1.0	ND	50	89.1	90.5	0.600	80 - 120	20	
Chromium (Dissolved)	0.12	0.50	ND	50	97.8	97.1	0.941	80 - 120	20	
Arsenic (Dissolved)	0.11	0.30	ND	50	107	107	1.23	80 - 120	20	
Selenium (Dissolved)	0.083	1.0	ND	50	98.0	96.2	1.89	80 - 120	20	

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407776
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	108	121	10.5	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	116	129	10.5	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	95.7	101	5.16	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	103	108	4.04	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	100	105	4.87	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	104	113		61.2 - 131		
(S) Toluene-d8			ND	11.36	104	102		75.1 - 127		
(S) 4-Bromofluorobenzene			0.25	11.36	106	108		64.1 - 120		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1112044	**Prep Method:**	5030	**Prep Date:**	12/08/11	**Prep Batch:**	4314
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407776
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	107	110	2.44	52.4 - 127	30	
(S) 4-Bromofluorobenzene			79.3	11.36	67.5	67.2		41.5 - 125		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Water**	**Analytical Method:**	SW7196A	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407734
Spiked Sample:	1112044-001A						
Units:	ug/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Hexavalent Chromium	3.0	10	0	10	104	105	0.564	85 - 115	20	

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Water**	**Analytical Method:**	SW6020	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407774
Spiked Sample:	1112044-001A						
Units:	ug/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Iron (Dissolved)	1.0	1.0	57	50	123	124	0.837	75 - 125	20	S
Chromium (Dissolved)	0.12	0.50	0.00	50	89.5	89.5	0.584	75 - 125	20	
Arsenic (Dissolved)	0.11	0.30	1.7	50	93.7	92.4	2.29	75 - 125	20	
Selenium (Dissolved)	0.083	1.0	0.00	50	73.4	73.8	0.265	75 - 125	20	S

Duplicate QC Summary Report

Work Order:	1112044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Water**	**Analytical Method:**	H8146	**Analyzed Date:**	12/06/11	**Analytical Batch:**	407773
Units:						**Lab Sample ID:**	1112044-001A-Dup

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD	
Ferrous Iron (Total)	0.1	0.1	0.12	0.13	8.00	

Raw values are used in quality control assessment.

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster

Work Order No.: 1112044

Date and Time Received: 12/6/2011 17:03

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: pH Adjusted by:

All samples present and correct.

Login Summary Report

Client ID: TL5132 Tec Accutite
Project Name: 1435 Webster
Project # :
Report Due Date: 12/13/2011
QC Level:
TAT Requested: 5+ day:0
Date Received: 12/6/2011
Time Received: 17:03
Comments:
Work Order # : ***1112044***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1112044-001A	MW-2	12/06/11 11:53	Water	01/20/12			W_8260Pet W_7196ACrVI W_6020_D W_GCMS-GRO W_Ferrous Iron EDF	
Sample Note:	Run to ESL's. Please use lower detection limits.(0.5 ug/L if possible). EDF Dissolved Me- Fe, Cr, Se and As							
1112044-002A	MW-3	12/06/11 11:15	Water	01/20/12			W_8260Pet W_6020_D W_GCMS-GRO W_Ferrous Iron W_7196ACrVI	
1112044-003A	MW-4	12/06/11 13:09	Water	01/20/12			W_8260Pet W_Ferrous Iron W_GCMS-GRO W_6020_D W_7196ACrVI	
1112044-004A	MW-6	12/06/11 10:39	Water	01/20/12			W_8260Pet W_GCMS-GRO W_Ferrous Iron W_6020_D W_7196ACrVI	
1112044-005A	MW-7	12/06/11 11:53	Water	01/20/12			W_8260Pet W_6020_D W_GCMS-GRO W_Ferrous Iron W_7196ACrVI	
1112044-006A	MW-8	12/06/11 11:53	Water	01/20/12			W_8260Pet W_6020_D W_GCMS-GRO	

Login Summary Report

Client ID: TL5132 Tec Accutite

Project Name: 1435 Webster

Project # :

Report Due Date: 12/13/2011

QC Level:

TAT Requested: 5+ day:0

Date Received: 12/6/2011

Time Received: 17:03

Comments:

Work Order # : ***1112044***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1112044-007A	MW-9	12/06/11 11:53	Water	01/20/12			W_Ferrous Iron W_7196ACrVI W_8260Pet W_Ferrous Iron W_GCMS-GRO W_6020_D W_7196ACrVI	

Torrent LABORATORY, INC.

TEC ACCUTITE
262 Michelle Court
South San Francisco, CA 94080
Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1112044

Project Name:	1435 Webster	Report to: Brian tecaccutite@gmail.com	
Project Address:	1435 Webster St. Alameda, CA	Bill to: TEC Accutite (650) 616-1200	
Global ID:	T0600100766	PO #: 19948	
Sampler:	BD	Date: 12/6/11	

Turn-around Time (work days): ASAP | 1 Day | 2 Days | 3 Days | 5 Days | 10 Days | Other:

Sample Type: ground water

Report Format: EDF

Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time	8260 TPHg BTEX oxygenates	6020B Disolved Metals (including Fe, Cr, Se, As)	7196 Hex. Chromium	SM3500D Ferrous Iron					Remarks
MW-2	MW-2	W	5	unpreserved VOAs, poly, amber	12/6/11 1153	√	√	√	√	-001A				Run to ESLs
MW-3	MW-3	W	5	unpreserved VOAs, poly, amber	12/6/11 1115	√	√	√	√	-002A				***PLEASE CHECK HOLD TIMES***
MW-4	MW-4	W	5	unpreserved VOAs, poly, amber	12/6/11 1309	√	√	√	√	-003A				
MW-6	MW-6	W	5	unpreserved VOAs, poly, amber	12/6/11 1039	√	√	√	√	-004A				*Please use ~~lowest~~ lower detection limit (0.5 ug/L) if possible*
MW-7	MW-7	W	5	unpreserved VOAs, poly, amber	12/6/11 1425	√	√	√	√	-005A				
MW-8	MW-8	W	5	unpreserved VOAs, poly, amber	12/6/11 1348	√	√	√	√	-006A				
MW-9	MW-9	W	5	unpreserved VOAs, poly, amber	12/6/11 0940	√	√	√	√	-007A				Temp 5°C

Relinquished by: Brian Doherty	Brian Doherty	Date: 12/6/11	Time: 3:15	Received by: Joseph Ry		Date: 12/6	Time: 3:45
Relinquished by: Joseph Ry		Date: 12/6	Time: 17:03	Received by: NAVIN G Bhudasara		Date: 12-6-11	Time: 17:03

First Courier

Tec Accutite
262 Michelle Ct
South San Francisco, California 94080
Tel: (650) 616-1200
Fax: (650) 616-1244
Email: tecaccutite@gmail.com

RE: 1435 Webster

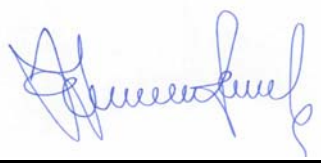
Work Order No.: 1112045

Dear Elise Sbarbori:

Torrent Laboratory, Inc. received sample(s) on December 06, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



G.Gueorguieva
Sr. Project Manager

December 13, 2011
Date

Date: 12/13/2011

Client: Tec Accutite

Project: 1435 Webster

Work Order: 1112045

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

A-1 1112045-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	440	9500	22000	240000	ug/L
MTBE	SW8260B	88	33	44	180	ug/L
Benzene	SW8260B	88	29	44	8000	ug/L
Toluene	SW8260B	88	17	44	9500	ug/L
Ethyl Benzene	SW8260B	88	14	44	3700	ug/L
m,p-Xylene	SW8260B	88	18	88	9300	ug/L
o-Xylene	SW8260B	88	11	44	3100	ug/L

A-3 1112045-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	440	150	220	17000	ug/L
Toluene	SW8260B	440	84	220	19000	ug/L
MTBE	SW8260B	88	33	44	1400	ug/L
tert-Butanol	SW8260B	88	130	440	230	ug/L
Ethyl Benzene	SW8260B	88	14	44	4500	ug/L
m,p-Xylene	SW8260B	88	18	88	14000	ug/L
o-Xylene	SW8260B	88	11	44	5700	ug/L
TPH(Gasoline)	8260TPH	88	1900	4400	150000	ug/L

A-4 1112045-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
MTBE	SW8260B	88	33	44	57	ug/L
Benzene	SW8260B	88	29	44	3300	ug/L
Toluene	SW8260B	88	17	44	4600	ug/L
Ethyl Benzene	SW8260B	88	14	44	1700	ug/L
m,p-Xylene	SW8260B	88	18	88	6700	ug/L
o-Xylene	SW8260B	88	11	44	1700	ug/L
TPH(Gasoline)	8260TPH	88	1900	4400	56000	ug/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

A-1@9' 1112045-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

A-2@9' 1112045-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	100	1700	10000	49000	ug/Kg
m,p-Xylene	SW8260B	5	9.3	50	190	ug/Kg
o-Xylene	SW8260B	5	3.3	25	69	ug/Kg

A-3@9' 1112045-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Ethyl Benzene	SW8260B	5	4.3	50	130	ug/Kg
m,p-Xylene	SW8260B	5	9.3	50	340	ug/Kg
o-Xylene	SW8260B	5	3.3	25	88	ug/Kg
TPH(Gasoline)	8260TPH	5	85	500	12000	ug/Kg

A-4@9' 1112045-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-1	**Lab Sample ID:**	1112045-001A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 9:24		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	88	33	44	180		ug/L	407777	NA
tert-Butanol	SW8260B	NA	12/08/11	88	130	440	ND		ug/L	407777	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	88	32	44	ND		ug/L	407777	NA
ETBE	SW8260B	NA	12/08/11	88	35	44	ND		ug/L	407777	NA
Benzene	SW8260B	NA	12/08/11	88	29	44	8000		ug/L	407777	NA
TAME	SW8260B	NA	12/08/11	88	28	44	ND		ug/L	407777	NA
Toluene	SW8260B	NA	12/08/11	88	17	44	9500		ug/L	407777	NA
Ethyl Benzene	SW8260B	NA	12/08/11	88	14	44	3700		ug/L	407777	NA
m,p-Xylene	SW8260B	NA	12/08/11	88	18	88	9300		ug/L	407777	NA
o-Xylene	SW8260B	NA	12/08/11	88	11	44	3100		ug/L	407777	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	88	61.2	131	95.6		%	407777	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	88	75.1	127	92.5		%	407777	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	88	64.1	120	94.3		%	407777	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	440	9500	22000	240000	x	ug/L	407777	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	440	41.5	125	74.1		%	407777	NA

NOTE: x-Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) in the C5-C12 range quantified as Gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-3	**Lab Sample ID:**	1112045-002A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 11:46		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene	SW8260B	NA	12/08/11	440	150	220	17000		ug/L	407777	NA
Toluene	SW8260B	NA	12/08/11	440	84	220	19000		ug/L	407777	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	440	61.2	131	96.3		%	407777	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	440	75.1	127	91.7		%	407777	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	440	64.1	120	97.5		%	407777	NA
The results shown below are reported using their MDL.											
MTBE	SW8260B	NA	12/08/11	88	33	44	1400		ug/L	407777	NA
tert-Butanol	SW8260B	NA	12/08/11	88	130	440	230	J	ug/L	407777	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	88	32	44	ND		ug/L	407777	NA
ETBE	SW8260B	NA	12/08/11	88	35	44	ND		ug/L	407777	NA
TAME	SW8260B	NA	12/08/11	88	28	44	ND		ug/L	407777	NA
Ethyl Benzene	SW8260B	NA	12/08/11	88	14	44	4500		ug/L	407777	NA
m,p-Xylene	SW8260B	NA	12/08/11	88	18	88	14000		ug/L	407777	NA
o-Xylene	SW8260B	NA	12/08/11	88	11	44	5700		ug/L	407777	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	88	61.2	131	116		%	407777	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	88	75.1	127	94.7		%	407777	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	88	64.1	120	102		%	407777	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	88	1900	4400	150000		ug/L	407777	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	88	41.5	125	72.3		%	407777	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-4	**Lab Sample ID:**	1112045-003A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	12/06/11 / 12:50		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/08/11	88	33	44	57		ug/L	407777	NA
tert-Butanol	SW8260B	NA	12/08/11	88	130	440	ND		ug/L	407777	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/08/11	88	32	44	ND		ug/L	407777	NA
ETBE	SW8260B	NA	12/08/11	88	35	44	ND		ug/L	407777	NA
Benzene	SW8260B	NA	12/08/11	88	29	44	3300		ug/L	407777	NA
TAME	SW8260B	NA	12/08/11	88	28	44	ND		ug/L	407777	NA
Toluene	SW8260B	NA	12/08/11	88	17	44	4600		ug/L	407777	NA
Ethyl Benzene	SW8260B	NA	12/08/11	88	14	44	1700		ug/L	407777	NA
m,p-Xylene	SW8260B	NA	12/08/11	88	18	88	6700		ug/L	407777	NA
o-Xylene	SW8260B	NA	12/08/11	88	11	44	1700		ug/L	407777	NA
(S) Dibromofluoromethane	SW8260B	NA	12/08/11	88	61.2	131	93.0		%	407777	NA
(S) Toluene-d8	SW8260B	NA	12/08/11	88	75.1	127	91.7		%	407777	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/08/11	88	64.1	120	97.5		%	407777	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	12/08/11	88	1900	4400	56000		ug/L	407777	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	12/08/11	88	41.5	125	69.1		%	407777	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-1@9'	**Lab Sample ID:**	1112045-004A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	12/06/11 / 8:56		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/07/11	1	2.6	10	ND		ug/Kg	407789	NA
tert-Butanol	SW8260B	NA	12/07/11	1	21	50	ND		ug/Kg	407789	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/07/11	1	2.2	10	ND		ug/Kg	407789	NA
ETBE	SW8260B	NA	12/07/11	1	2.4	10	ND		ug/Kg	407789	NA
Benzene	SW8260B	NA	12/07/11	1	1.5	10	ND		ug/Kg	407789	NA
TAME	SW8260B	NA	12/07/11	1	2.1	10	ND		ug/Kg	407789	NA
Toluene	SW8260B	NA	12/07/11	1	0.98	10	ND		ug/Kg	407789	NA
Ethyl Benzene	SW8260B	NA	12/07/11	1	0.86	10	ND		ug/Kg	407789	NA
m,p-Xylene	SW8260B	NA	12/07/11	1	1.9	10	ND		ug/Kg	407789	NA
o-Xylene	SW8260B	NA	12/07/11	1	0.66	5.0	ND		ug/Kg	407789	NA
(S) Dibromofluoromethane	SW8260B	NA	12/07/11	1	59.8	148	101		%	407789	NA
(S) Toluene-d8	SW8260B	NA	12/07/11	1	55.2	133	94.2		%	407789	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/07/11	1	55.8	141	84.2		%	407789	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	12/7/11	12/07/11	1	17	100	ND		ug/Kg	407789	4324
(S) 4-Bromofluorobenzene	8260TPH	12/7/11	12/07/11	1	43.9	127	86.8		%	407789	4324

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-2@9'	**Lab Sample ID:**	1112045-005A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	12/06/11 / 10:02		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/12/11	5	13	50	ND		ug/Kg	407793	NA
tert-Butanol	SW8260B	NA	12/12/11	5	100	250	ND		ug/Kg	407793	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/12/11	5	11	50	ND		ug/Kg	407793	NA
ETBE	SW8260B	NA	12/12/11	5	12	50	ND		ug/Kg	407793	NA
Benzene	SW8260B	NA	12/12/11	5	7.5	50	ND		ug/Kg	407793	NA
TAME	SW8260B	NA	12/12/11	5	10	50	ND		ug/Kg	407793	NA
Toluene	SW8260B	NA	12/12/11	5	4.9	50	ND		ug/Kg	407793	NA
Ethyl Benzene	SW8260B	NA	12/12/11	5	4.3	50	ND		ug/Kg	407793	NA
m,p-Xylene	SW8260B	NA	12/12/11	5	9.3	50	190		ug/Kg	407793	NA
o-Xylene	SW8260B	NA	12/12/11	5	3.3	25	69		ug/Kg	407793	NA
(S) Dibromofluoromethane	SW8260B	NA	12/12/11	5	59.8	148	96.6		%	407793	NA
(S) Toluene-d8	SW8260B	NA	12/12/11	5	55.2	133	96.1		%	407793	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/12/11	5	55.8	141	91.4		%	407793	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	12/7/11	12/07/11	100	1700	10000	49000	x	ug/Kg	407789	4324
(S) 4-Bromofluorobenzene	8260TPH	12/7/11	12/07/11	100	43.9	127	92.8		%	407789	4324

NOTE: x - Does not match pattern of reference Gasoline standard (possibly aged gasoline). Hydrocarbons in the range of C5-C12 quantified as Gasoline.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-3@9'	**Lab Sample ID:**	1112045-006A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	12/06/11 / 11:28		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/12/11	5	13	50	ND		ug/Kg	407793	NA
tert-Butanol	SW8260B	NA	12/12/11	5	100	250	ND		ug/Kg	407793	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/12/11	5	11	50	ND		ug/Kg	407793	NA
ETBE	SW8260B	NA	12/12/11	5	12	50	ND		ug/Kg	407793	NA
Benzene	SW8260B	NA	12/12/11	5	7.5	50	ND		ug/Kg	407793	NA
TAME	SW8260B	NA	12/12/11	5	10	50	ND		ug/Kg	407793	NA
Toluene	SW8260B	NA	12/12/11	5	4.9	50	ND		ug/Kg	407793	NA
Ethyl Benzene	SW8260B	NA	12/12/11	5	4.3	50	130		ug/Kg	407793	NA
m,p-Xylene	SW8260B	NA	12/12/11	5	9.3	50	340		ug/Kg	407793	NA
o-Xylene	SW8260B	NA	12/12/11	5	3.3	25	88		ug/Kg	407793	NA
(S) Dibromofluoromethane	SW8260B	NA	12/12/11	5	59.8	148	92.8		%	407793	NA
(S) Toluene-d8	SW8260B	NA	12/12/11	5	55.2	133	99.7		%	407793	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/12/11	5	55.8	141	88.8		%	407793	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	12/12/11	12/12/11	5	85	500	12000	x	ug/Kg	407793	4326
(S) 4-Bromofluorobenzene	8260TPH	12/12/11	12/12/11	5	43.9	127	90.8		%	407793	4326

NOTE: x - Does not match pattern of reference Gasoline standard. Reported TPH value includes significant contribution from heavy end hydrocarbons (possibly aged gasoline).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Elise Sbarbori
Tec Accutite

Date Received: 12/06/11
Date Reported: 12/13/11

Client Sample ID:	A-4@9'	**Lab Sample ID:**	1112045-007A
Project Name/Location:	1435 Webster	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	12/06/11 / 12:20		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	12/07/11	1	2.6	10	ND		ug/Kg	407789	NA
tert-Butanol	SW8260B	NA	12/07/11	1	21	50	ND		ug/Kg	407789	NA
Diisopropyl ether (DIPE)	SW8260B	NA	12/07/11	1	2.2	10	ND		ug/Kg	407789	NA
ETBE	SW8260B	NA	12/07/11	1	2.4	10	ND		ug/Kg	407789	NA
Benzene	SW8260B	NA	12/07/11	1	1.5	10	ND		ug/Kg	407789	NA
TAME	SW8260B	NA	12/07/11	1	2.1	10	ND		ug/Kg	407789	NA
Toluene	SW8260B	NA	12/07/11	1	0.98	10	ND		ug/Kg	407789	NA
Ethyl Benzene	SW8260B	NA	12/07/11	1	0.86	10	ND		ug/Kg	407789	NA
m,p-Xylene	SW8260B	NA	12/07/11	1	1.9	10	ND		ug/Kg	407789	NA
o-Xylene	SW8260B	NA	12/07/11	1	0.66	5.0	ND		ug/Kg	407789	NA
(S) Dibromofluoromethane	SW8260B	NA	12/07/11	1	59.8	148	108		%	407789	NA
(S) Toluene-d8	SW8260B	NA	12/07/11	1	55.2	133	102		%	407789	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	12/07/11	1	55.8	141	90.7		%	407789	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	12/7/11	12/07/11	1	17	100	ND		ug/Kg	407789	4324
(S) 4-Bromofluorobenzene	8260TPH	12/7/11	12/07/11	1	43.9	127	87.2		%	407789	4324

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407777
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	ND	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
cis-1,3-Dichloropropene	0.30	0.50	ND	
Toluene	0.19	0.50	ND	
Tetrachloroethylene	0.15	0.50	ND	
trans-1,3-Dichloropropene	0.20	0.50	ND	
1,1,2-Trichloroethane	0.20	0.50	ND	
Dibromochloromethane	0.21	0.50	ND	
1,3-Dichloropropane	0.18	0.50	ND	
1,2-Dibromoethane	0.19	0.50	ND	
Chlorobenzene	0.14	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
1,1,1,2-Tetrachloroethane	0.10	0.50	ND	
m,p-Xylene	0.20	1.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407777
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	0.13	0.50	ND		
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			112		
(S) Toluene-d8			102		
(S) 4-Bromofluorobenzene			107		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407789
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	50	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	ND		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		
o-Xylene	0.66	5.0	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407789
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	ND		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
(S) Dibromofluoromethane			96.7		
(S) Toluene-d8			98.3		
(S) 4-Bromofluorobenzene			84.8		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407793
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	50	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	ND		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		
o-Xylene	0.66	5.0	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407793
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.77	10	ND	
Bromoform	1.9	10	ND	
Isopropyl Benzene	1.2	10	ND	
n-Propylbenzene	1.4	10	ND	
Bromobenzene	1.2	10	ND	
1,1,2,2-Tetrachloroethane	3.0	10	ND	
1,3,5-Trimethylbenzene	1.1	10	ND	
1,2,3-Trichloropropane	3.3	10	ND	
4-Chlorotoluene	1.6	10	ND	
2-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.4	10	ND	
1,2,4-Trimethylbenzene	1.1	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.8	10	ND	
1,4-Dichlorobenzene	1.5	10	ND	
n-Butylbenzene	2.2	10	ND	
1,2-Dichlorobenzene	1.3	10	ND	
1,2-Dibromo-3-Chloropropane	4.2	10	ND	
Hexachlorobutadiene	2.6	10	ND	
1,2,4-Trichlorobenzene	2.1	10	ND	
Naphthalene	2.8	10	ND	
1,2,3-Trichlorobenzene	2.9	10	ND	
(S) Dibromofluoromethane			89.2	
(S) Toluene-d8			93.5	
(S) 4-Bromofluorobenzene			101	

Work Order:	1112045	**Prep Method:**	5030	**Prep Date:**	12/08/11	**Prep Batch:**	4315
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407777
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			77.1	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1112045	**Prep Method:**	5035	**Prep Date:**	12/07/11	**Prep Batch:**	4324
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407789
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			95.0	

Work Order:	1112045	**Prep Method:**	5035	**Prep Date:**	12/12/11	**Prep Batch:**	4326
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407793
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			85.7	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407777
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	119	114	3.59	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	128	125	2.39	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	103	99.7	2.93	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	107	105	1.86	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	104	103	1.56	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	114	114		61.2 - 131		
(S) Toluene-d8			ND	11.36	105	105		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	108	110		64.1 - 120		

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407789
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	120	110	9.04	53.7 - 139	30	
Benzene	1.5	10	ND	50	109	117	6.94	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	106	110	3.95	57.5 - 150	30	
Toluene	0.98	10	ND	50	102	96.5	5.89	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	118	124	5.39	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	106	108		59.8 - 148		
(S) Toluene-d8			ND	50	92.4	95.6		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	94.3	90.5		55.8 - 141		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1112045	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407793
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	95.6	91.8	4.10	53.7 - 139	30	
Benzene	1.5	10	ND	50	92.6	87.7	5.44	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	86.6	82.3	5.12	57.5 - 150	30	
Toluene	0.98	10	ND	50	99.7	95.3	4.43	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	116	110	4.87	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	98.0	96.6		59.8 - 148		
(S) Toluene-d8			ND	50	96.7	93.8		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	85.0	92.2		55.8 - 141		

Work Order:	1112045	**Prep Method:**	5030	**Prep Date:**	12/08/11	**Prep Batch:**	4315
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/08/11	**Analytical Batch:**	407777
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	119	117	1.92	52.4 - 127	30	
(S) 4-Bromofluorobenzene			77.1	11.36	73.1	66.9		41.5 - 125		

Work Order:	1112045	**Prep Method:**	5035	**Prep Date:**	12/07/11	**Prep Batch:**	4324
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/07/11	**Analytical Batch:**	407789
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	ND	1000	95.7	115	18.2	48.2 - 132	30	
(S) 4-Bromofluorobenzene			95.0	50	98.3	85.3		57 - 127		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1112045	**Prep Method:**	5035	**Prep Date:**	12/12/11	**Prep Batch:**	4326
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	12/12/11	**Analytical Batch:**	407793
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	ND	1000	107	114	6.65	48.2 - 132	30	
(S) 4-Bromofluorobenzene			85.7	50	91.9	89.0		57 - 127		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Tec Accutite

Project Name: 1435 Webster

Work Order No.: 1112045

Date and Time Received: 12/6/2011 17:03

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: pH Adjusted by:

All samples present and correct.

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5132 Tec Accutite
Project Name: 1435 Webster
Project # :
Report Due Date: 12/13/2011

QC Level:
TAT Requested: 5+ day:0
Date Received: 12/6/2011
Time Received: 17:03

Comments:
Work Order # : ***1112045***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1112045-001A	A-1	12/06/11 9:24	Water	01/20/12			W_8260Pet EDF W_GCMS-GRO	
Sample Note:	Run to ESL's.							
1112045-002A	A-3	12/06/11 11:46	Water	01/20/12			W_8260Pet W_GCMS-GRO	
1112045-003A	A-4	12/06/11 12:50	Water	01/20/12			W_8260Pet W_GCMS-GRO	
1112045-004A	A-1@9'	12/06/11 8:56	Soil	06/03/12			S_GCMS-GRO S_8260Pet	
1112045-005A	A-2@9'	12/06/11 10:02	Soil	06/03/12			S_GCMS-GRO S_8260Pet	
1112045-006A	A-3@9'	12/06/11 11:28	Soil	06/03/12			S_GCMS-GRO S_8260Pet	
1112045-007A	A-4@9'	12/06/11 12:20	Soil	06/03/12			S_GCMS-GRO S_8260Pet	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.

483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258 RESET
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO 1112045

Company Name: TEC Accutite	Location of Sampling: 1435 Webster St., Alameda, CA
Address: 262 Michelle Court	Purpose: Environmental
City: South San Francisco State: CA Zip Code: 94080	Special Instructions / Comments: run to esls
Telephone: 650-616-1200 FAX: 650-616-1244	Global ID: T0600100766
REPORT TO: Elise SAMPLER: ES	P.O. #: 19947 EMAIL: tecaccutite@gmail.com

TURNAROUND TIME: ☐ 10 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day ☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours ☑ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE: ☐ Storm Water ☐ Air ☐ Waste Water ☐ Other ☑ Ground Water ☑ Soil

REPORT FORMAT: ☐ QC Level IV ☑ EDF ☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHg + BTEX	5 Oxygenates 8260B								REMARKS
001A	A-1	12/6/11 0924	w	3	voa	✓	✓								
002A	A-3	12/6/11 1146	w	3	voa	✓	✓								
003A	A-4	12/6/11 1250	w	3	voa	✓	✓								
004A	A-1@9'	12/6/11 0856	s	1	acetate	✓	✓								
005A	A-2@9'	12/6/11 1002	s	1	acetate	✓	✓								
006A	A-3@9'	12/6/11 1128	s	1	acetate	✓	✓								
007A	A-4@9'	12/6/11 1220	s	1	acetate	✓	✓								Temp: 5.0°C

	Signature	Print	Date	Time	Received By	Print	Date	Time
1 Relinquished By:	[signature]	Elise Sbarbori	12/6/2011	3:45	[signature]	Joseph Tez	12/6	3:45
2 Relinquished By:	[signature]	Joseph	12/6	17:03	M. G. Ghodasara	NA	12-6-11	17:03

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☑ Yes ☐ NO Method of Shipment First Courier Sample seals intact? ☐ Yes ☐ NO ☐ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 1 of 1

Log In By: ________ Date: ________ Log In Reviewed By: ________ Date:

ATTACHMENT C

LOW FLOW SAMPLING PROTOCOL

STANDARD OPERATING PROCEDURE FOR LOW FLOW PURGING AND SAMPLING OF GROUNDWATER MONITORING WELLS

This procedure is designed for taking representative groundwater samples from monitoring wells. The groundwater samples will be collected using low flow (minimal drawdown) purging and sampling methods as discussed in U.S. EPA, Ground Water Issue, Publication Number EPN540lS-951504, April 1996 by Puls, R.W. and M.J. Barcelona - "Low-Flow (Minimal Drawdown) Ground-water Sampling Procedures". This procedure is also similar to the ASTM D 6771-02 "Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigation". This practice does not address sampling of wells containing either light or dense non-aqueous-phase liquids (LNAPLs or DNAPLs); wells with LNAPL or DNAPL will not be sampled by the low flow purging and sampling method.

OBJECTIVE

The objective is to purge and sample the well so that the water that discharged from the pump, and subsequently collected, is representative of the formation water from an aquifer or shallow water bearing zone of interest.

WELL PREPARATION

Monitoring wells will be purged with an electronically controlled submersible bladder pump. The pump will be slowly lowered to the middle of, or slightly above, the screened interval. The submersible pump will be decontaminated before each use in each well with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.

INITIAL PUMP FLOW TEST PROCEDURES

If possible, the optimum flow rate for each well will be established during well development or redevelopment or in advance of the actual purging and sampling event. The monitoring well will be gauged for depth to water prior to the installation of the bladder pump and before pumping of any water from the well. The measurement will be documented on a groundwater monitoring field data sheet. After pump installation, and confirmation that the static water level has returned to its original level (as determined prior to pump installation), the bladder pump will be started at a discharge rate between 0.1 to 0.5 liters per minute without any in-line flow cell connected. The water level in the well casing will be monitored continuously for any change from the original measurement. If significant drawdown is observed, the pump's flow rate will be incrementally reduced until the static water level drawdown ceases and stabilizes. Total drawdown from the initial (static) water level should not exceed 0.3 feet. Once the specific well's optimum flow rate, without an in-line flow cell connected, has been determined and documented, the in-line flow cell system will be connected to the well discharge. Control settings may require adjustment to achieve the well's optimum flow rate with the in-line flow cell connected. (Due to the system's back-pressure, the flow rate may decrease by 10-20%). All control settings shall be documented on the field data sheet as specific to that particular well's ID and will be utilized for its subsequent purging and sampling events.

PURGE AND SAMPLING EVENTS

Prior to the initiation of the bladder pump, the static water level will be measured, documented, and the bladder pump will be initiated, as described above. When the optimum pump flow rate has been established, the static water level drawdown has stabilized within the required range, and at least one

pump system volume (Flow cell volume + bladder volume + discharge tubing volume) has been purged, field measurements will be recorded for pH, temperature (T), conductivity (Ec), oxygen reduction potential (ORP), and dissolved oxygen (DO) using the in-line flow cell. All water chemistry field measurements will be documented on the gauging sheet. Measurements will be taken every three to five minutes until stabilization has been achieved. Stabilization is achieved after all parameters have stabilized for three consecutive readings. In lieu of measuring all five parameters, a minimum subset would include temperature, pH, conductivity and turbidity or dissolved oxygen. Three consecutive measurements indicating stability should be within:

- Temperature ± 3% of reading (minimum of + 0.2 C) (with a maximum of ± 10%)
- pH ± 0.1 pH units, minimum
- Conductivity ± 3%
- Dissolved Oxygen (DO) ± 0.2 mg/L or ± 10% of reading whichever is greater
- Redox (ORP) ± 20 mv

Equipment List:

The following equipment is needed to conduct low flow purging and sampling:

- Bladder pump temporarily or permanently installed within the well's screened interval
- Pump controller and air source
- In-line flow cell and meter(s) with connection fittings and tubing to measure water quality
- Water Level Probe or installed dedicated water level measurement system
- Sample containers appropriate for the analytical requirements prepared by the laboratory
- Field Measurement documentation forms
- Graduated cylinder or measuring cup
- 5 gallon bucket(s) for containerizing purge water
- Labeled 55 gallon drum(s) for storing purge water
- Stopwatch
- Sufficient cleaning and decontamination supplies

PROCEDURE

1. Regularly calibrate all field instruments per the instrument manufacturer's instructions. Record calibration data on the proper field instruments calibration documentation form.
2. Proceed to the first well scheduled to be sampled (typically the least contaminated). Make notes in the field log book describing the well condition and activity in the vicinity of the well. Decontaminate the portable water gauging probe, if necessary, by washing with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.
3. Open the well boxes and remove the locking caps. Allow the liquid levels within the wells to equilibrate with ambient barometric conditions.
4. Measure the depth to water from the surveyed reference mark on the wellhead and record the measurement on the field datasheet. Lock the water level meter in place so that the level can be monitored during purging and sampling. When placing the probe in the well, take precautions to not disturb or agitate the water.
5. Connect the compressed air source's airline to the pump controller's "AIR IN" connection (If utilizing a gas-engine operated compressor, locate the compressor at least 25 feet, down wind from the wellhead), and connect the pump controller "AIR OUT air-line to the bladder pump's air supply fitting at the wellhead.
6. Connect the pump discharge line to the in-line flow cell's "IN" fitting.
7. Connect the flow cell's "OUT" line and secure to drain the purge water into the purge water collection container.
8. Lower the bladder pump into the well to the middle of, or slightly above, the screened interval. When placing the pump in the well, take precautions to not disturb or agitate the water. Lock the pump in place.

9. Start the air supply to the pump. Set the pump controller settings to equal or less than the documented settings for the specific well. Modify the settings, as necessary to achieve the well's optimum flow rate. Connect the well discharge to the in-line flow cell and modify the flow rate as necessary.
10. Monitor the water level and confirm that the water level drawdown has stabilized within the well's allowable limits. Measure and record the depth to the pump intake, depth to groundwater when purging is terminated, and the depth to groundwater when the sample is collected.
11. After a single pump-system's volume (flow cell volume + bladder volume + discharge tubing volume) has been adequately purged, read and record water quality field measurements every three to five minutes.
12. Once three successive readings are taken within the limits listed above, disconnect the flow cell, and its tubing, from the pump discharge line before collecting samples. Decrease the pump rate to 100 milliliters per minute or less by lowering the controller's air pressure setting prior to collecting samples for volatiles. Place the samples in a cooler with sufficient ice.
13. Once samples for volatiles have been collected, re-establish pump flow rate to the optimal purge flow rate and collect remaining samples, if necessary.
14. When all sample containers have been filled, make a final measurement of the well's static water level and record the measurement on the field datasheet.
15. Measure and record total purge volume collected. Consolidate generated purge water.
16. Remove and decontaminate the Portable Water Level Probe with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.
17. Disconnect the controller air supply to the pump.
18. Secure the pump's discharge adapter in the wellhead, if appropriate.
19. Secure the wellhead cover and secure with its lock, if appropriate. Move equipment to next well to be sampled.
20. At the end of the sampling event, clean and decontaminate the in-line flow cell and other equipment with phosphate-free detergent, rinsing with potable water and rinsing with deionized water.

ATTACHMENT D

DRILLING PERMITS

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 09/19/2011 By jamesy

Permit Numbers: W2011-0589
Permits Valid from 10/04/2011 to 10/06/2011

Application Id: 1316023437653 **City of Project Site:** Alameda
Site Location: Former Olympian Service Station
1435 Webster Street
Alameda, California
Project Start Date: 10/04/2011 **Completion Date:** 10/06/2011
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant: TEC Accutite - Elise Sbarbori **Phone:** 650-616-1214
262 Michelle Court, South San Francisco, CA 94080
Property Owner: Geoffrey Farrar **Phone:** 530-899-9200
PO Box 1701, Chico, CA 95927
Client: Janet Heikel **Phone:** --
Olympian Oil, 1300 Industrial Rd #2, San Carlos, CA 94707
Contact: Same **Phone:** --
Cell: 650-269-5200

Total Due: $265.00
Receipt Number: WR2011-0278 **Total Amount Paid:** $265.00
Payer Name : TEC Accutite Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 15 Boreholes
Driller: RSI Drilling - Lic #: 802334 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2011-0589	09/19/2011	01/02/2012	15	3.00 in.	15.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 12/01/2011 By jamesy

Permit Numbers: W2011-0727
Permits Valid from 12/06/2011 to 12/06/2011

Application Id:	1321468066764	**City of Project Site:**	Alameda
Site Location:	1435 Webster Street @ Taylor Ave		
Project Start Date:	12/06/2011	**Completion Date:**	12/06/2011
Assigned Inspector:	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org		
Applicant:	TEC Accutite - Elise Sbarbori 262 Michelle Court, San Francisco, CA 94080	**Phone:**	650-616-1200
Property Owner:	Geoffrey Farrar PO Box 1701, Chico, CA 95927	**Phone:**	530-899-9200
Client:	Janet Heikel 1300 Industrial Rd #2, San Carlos, CA 94707	**Phone:**	--
Contact:	Elise Sbarbori	**Phone:** **Cell:**	650-616-1214 650-269-5200

	Total Due:	$265.00
Receipt Number: WR2011-0349	**Total Amount Paid:**	$265.00
Payer Name : TEC Accutite	Paid By: VISA	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 4 Boreholes
Driller: Gregg Drilling and Testing - Lic #: 485165 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2011-0727	12/01/2011	03/05/2012	4	2.25 in.	15.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

ATTACHMENT E

SOIL BORING LOGS

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER I-A3

CLIENT:	Olympian	BORING DIAMETER:	2.25 inches
LOCATION:	1435 Webster St., Alameda, CA	TOTAL DEPTH:	14 ft bsg
DRILLING CO:	RSI	DATE STARTED:	10/4/11
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	10/4/11
SAMPLING METHOD:	Macro-core with liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	E. Sbarbori	FIRST ENCOUNTERED WATER	9 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	Not measured

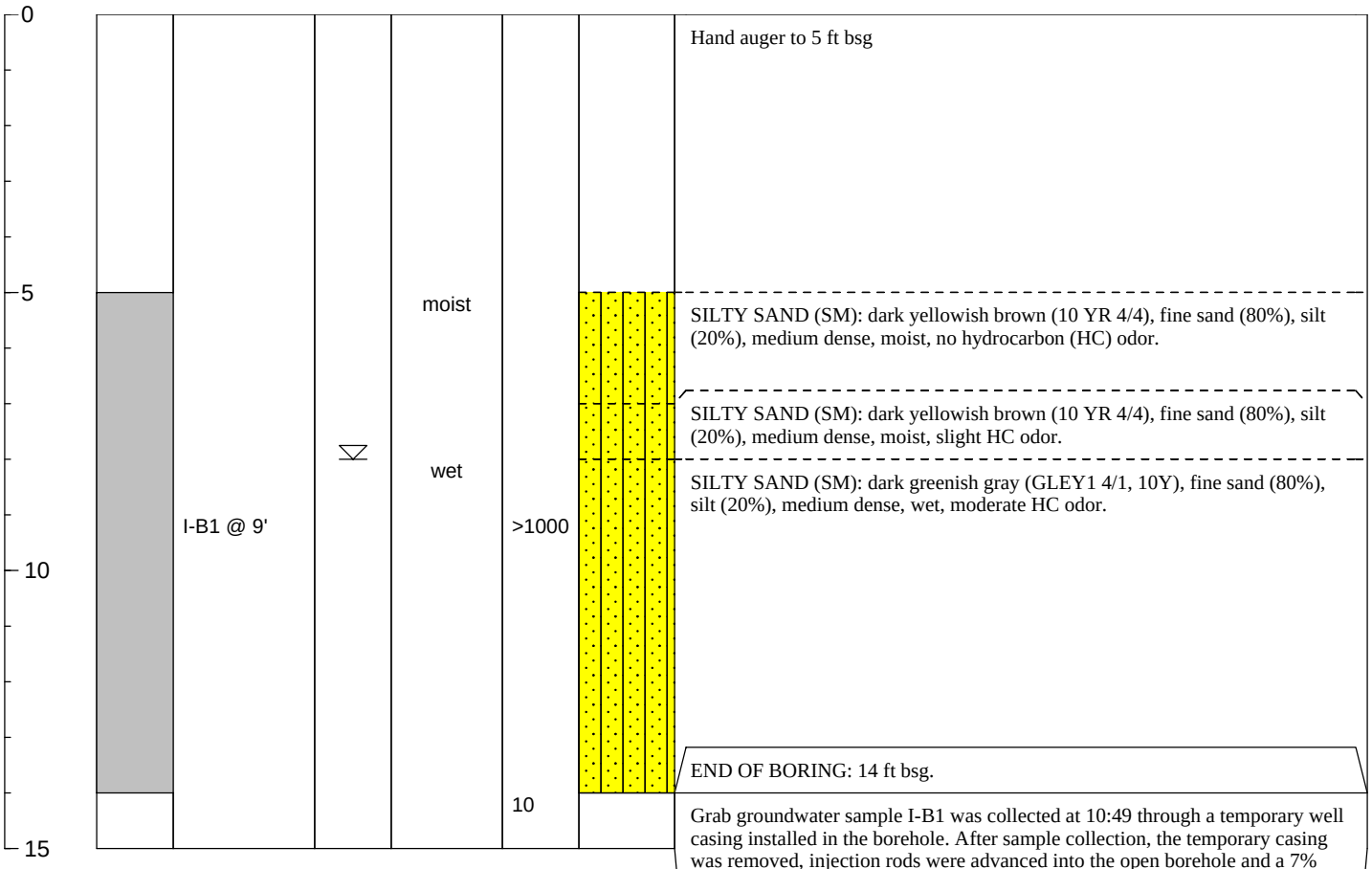
FT BSG = FEET BELOW SURFACE GRADE

DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION
0				moist to wet			Hand auger to 5 ft bsg; 3 ft bsg - brown (7.5 YR 4/4), fine sand (90%), silt (10%), loose, moist, no hydrocarbon (HC) odor.
5				moist			SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (20%), medium dense, moist, no HC odor.
				moist			SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (20%), medium dense, moist, slight HC odor.
		I-A3 @ 9'	▽	wet	0		SILTY SAND (SM): dark greenish gray (GLEY1 4/1, 10Y), fine sand (80%), silt (20%), medium dense, wet.
10							END OF BORING: 14 ft bsg.
					25		Grab groundwater sample I-A3 was collected at 10:16 through a temporary well casing installed in the borehole. After sample collection, the temporary casing was removed, injection rods were advanced into the open borehole and a 7% solution of hydrogen peroxide was injected into the borehole. Borehole destruction: the borehole was tremie grouted with neat cement, capped with concrete, and finished to match existing surface grade.
15							

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER I-B1

CLIENT:	Olympian	BORING DIAMETER:	2.25 inches
LOCATION:	1435 Webster St., Alameda	TOTAL DEPTH:	14 ft bsg
DRILLING CO:	RSI	DATE STARTED:	10/4/11
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	10/4/11
SAMPLING METHOD:	Macro-core w/liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	E. Sbarbori	FIRST ENCOUNTERED WATER	8 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	Not measured

FT BSG = FEET BELOW SURFACE GRADE



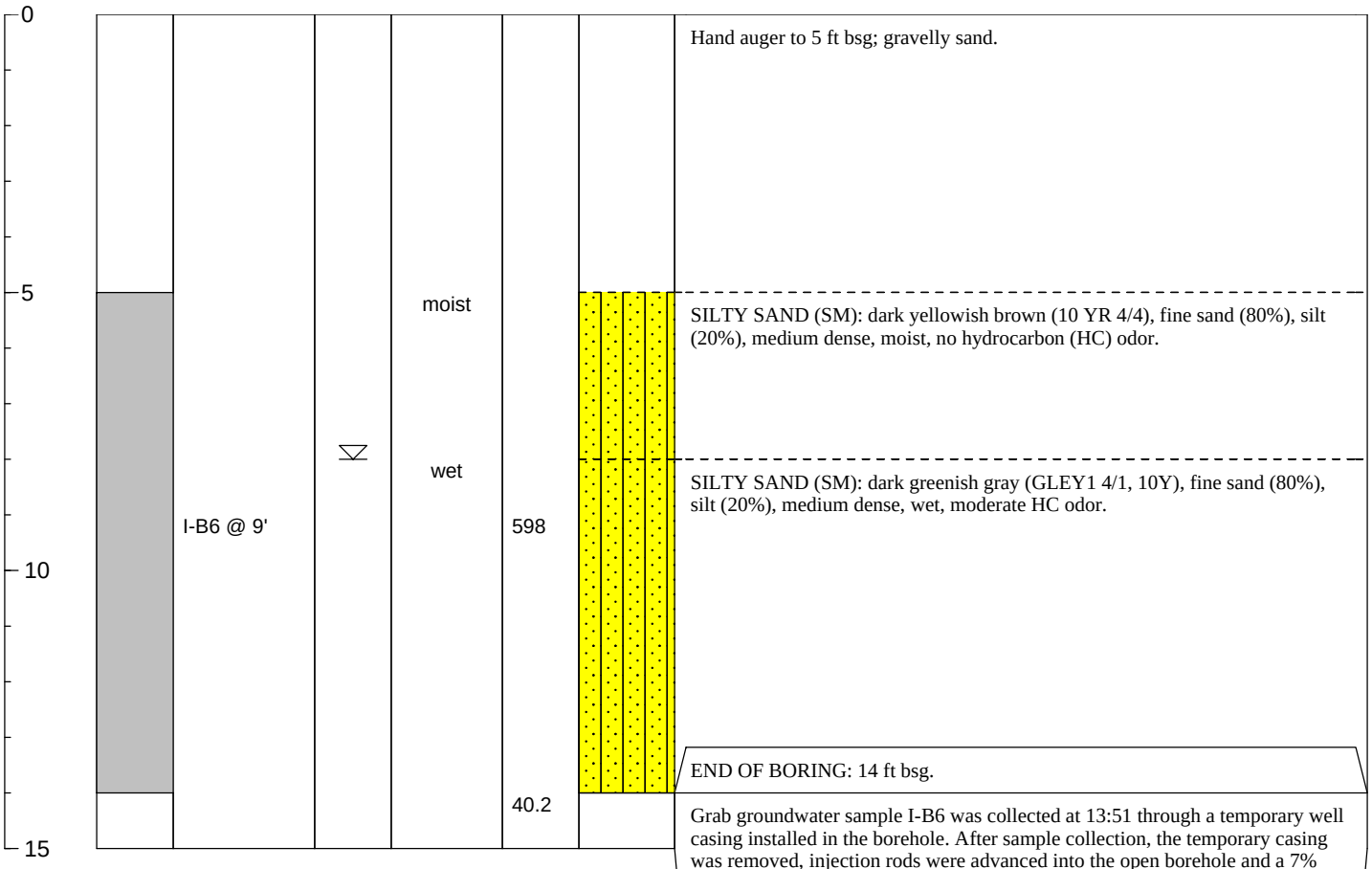
Grab groundwater sample I-B1 was collected at 10:49 through a temporary well casing installed in the borehole. After sample collection, the temporary casing was removed, injection rods were advanced into the open borehole and a 7% solution of hydrogen peroxide was injected into the borehole.

Borehole destruction: the borehole was tremie grouted with neat cement, capped with concrete, and finished to match existing surface grade.

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER I-B6

CLIENT:	**Olympian**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**1435 Webster St., Alameda**	TOTAL DEPTH:	**14 ft bsg**
DRILLING CO:	**RSI**	DATE STARTED:	**10/4/11**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**10/4/11**
SAMPLING METHOD:	**Macro-core w/liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**E. Sbarbori**	FIRST ENCOUNTERED WATER	**8 ft bsg**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**Not measured**

FT BSG = FEET BELOW SURFACE GRADE



DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION
0							Hand auger to 5 ft bsg; gravelly sand.
5				moist			SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (20%), medium dense, moist, no hydrocarbon (HC) odor.
			▽	wet			SILTY SAND (SM): dark greenish gray (GLEY1 4/1, 10Y), fine sand (80%), silt (20%), medium dense, wet, moderate HC odor.
10		I-B6 @ 9'			598		
					40.2		END OF BORING: 14 ft bsg.
15							Grab groundwater sample I-B6 was collected at 13:51 through a temporary well casing installed in the borehole. After sample collection, the temporary casing was removed, injection rods were advanced into the open borehole and a 7% solution of hydrogen peroxide was injected into the borehole. Borehole destruction: the borehole was tremie grouted with neat cement, capped with concrete, and finished to match existing surface grade.

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER
		I-C1

CLIENT:	Olympian	BORING DIAMETER:	2.25 inches
LOCATION:	1435 Webster St., Alameda	TOTAL DEPTH:	14 ft bsg
DRILLING CO:	RSI	DATE STARTED:	10/4/11
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	10/4/11
SAMPLING METHOD:	Macro-core w/liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	E. Sbarbori	FIRST ENCOUNTERED WATER	9 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	Not measured
		FT BSG = FEET BELOW SURFACE GRADE	

DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION
0							Hand auger to 5 ft bsg.
5				moist			SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (20%), medium dense, moist, no hydrocarbon (HC) odor.
				moist			SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (15%), clay (5%), medium dense, moist, no HC odor.
		I-C1 @ 9'	▽	wet	0		SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (15%), clay (5%), medium dense, wet, moderate HC odor.
10				wet			SILTY SAND (SM): dark greenish gray (GLEY1 4/1, 10Y), fine sand (80%), silt (15%), clay (5%), medium dense, wet, moderate HC odor.
							END OF BORING: 14 ft bsg.
					49.9		Grab groundwater sample I-C1 was collected at 14:28 through a temporary well casing installed in the borehole. After sample collection, the temporary casing was removed, injection rods were advanced into the open borehole and a 7% solution of hydrogen peroxide was injected into the borehole. Borehole destruction: the borehole was tremie grouted with neat cement, capped with concrete, and finished to match existing surface grade.
15							

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER A-1

CLIENT:	**Olympian**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**1435 Webster St., Alameda**	TOTAL DEPTH:	**13 ft bsg**
DRILLING CO:	**Gregg Drilling**	DATE STARTED:	**12/6/11**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**12/6/11**
SAMPLING METHOD:	**Macro-Core liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**E. Sbarbori**	FIRST ENCOUNTERED WATER	**12 ft bsg**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**Not measured**

FT BSG = FEET BELOW SURFACE GRADE

DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION
0				moist			Hand auger to 5 ft bsg; brown (7.5 YR), fine sand (90%), silt (10%), loose, moist, no hydrocarbon (HC) odor.
5				moist	0		SILTY SAND (SM): dark yellowish brown (10 YR 5/6), fine sand (80%), silt (20%), medium dense, moist, no HC odor.
10		A-1 @ 9'	▽	moist	1116		SILTY SAND (SM): dark yellowish brown (10 YR 5/6), fine sand (80%), silt (20%), medium dense, moist, strong HC odor.
				wet	466		SILTY SAND (SM): dark greenish gray (GLEY1 4/1, 10Y), fine sand (80%), silt (20%), medium dense, wet, moderate HC odor.
15							END OF BORING: 13 ft bsg.

Grab groundwater sample A-1 was collected at 09:24 through a temporary well casing installed in the borehole.

Borehole destruction: the temporary well casing was removed and the borehole was tremie grouted with neat cement, capped with concrete, and finished to match existing surface grade.

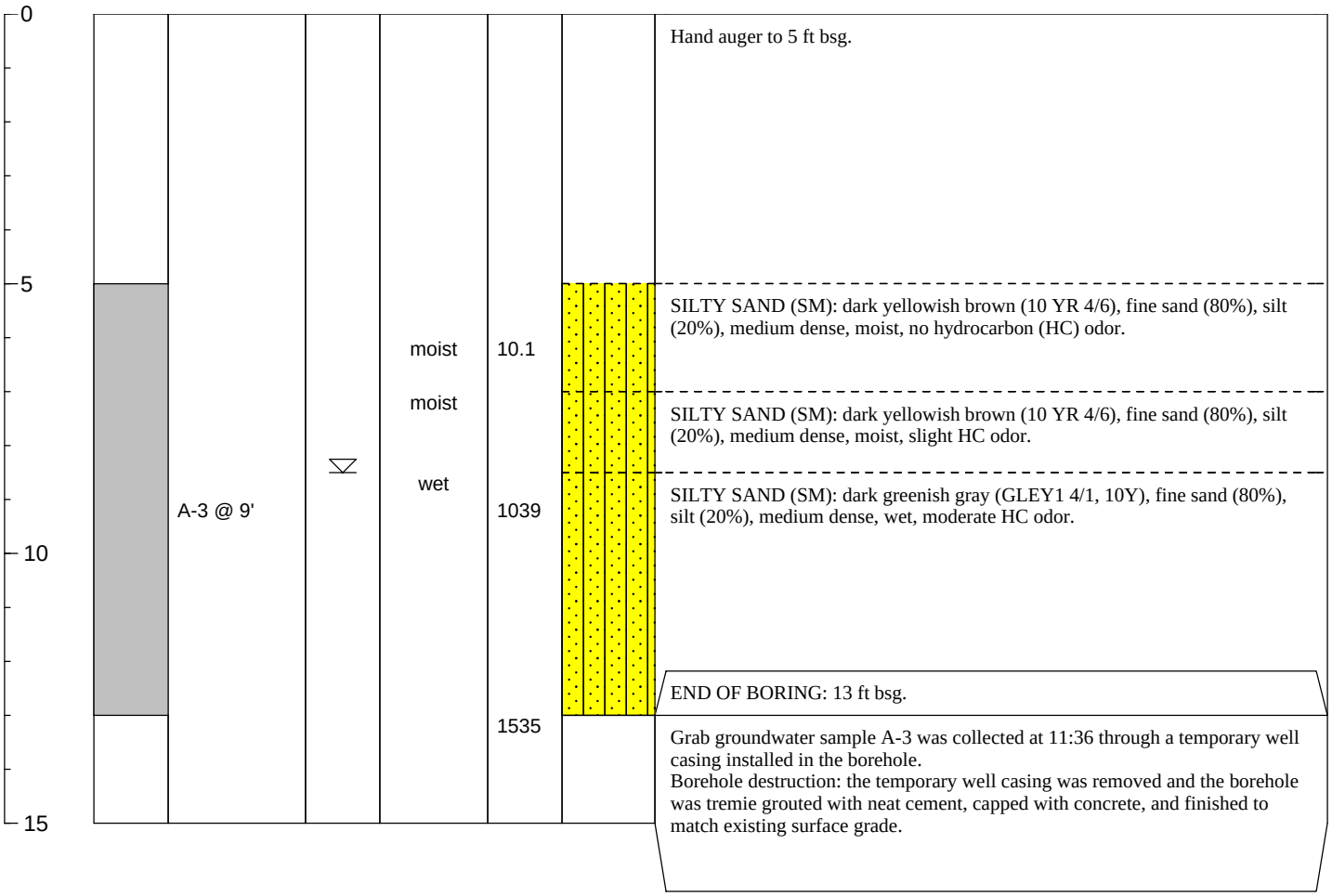
TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER A-2

CLIENT:	**Olympian**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**1435 Webster St., Alameda**	TOTAL DEPTH:	**13 ft bsg**
DRILLING CO:	**Gregg Drilling**	DATE STARTED:	**12/6/11**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**12/6/11**
SAMPLING METHOD:	**Macro-Core liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**E. Sbarbori**	FIRST ENCOUNTERED WATER	**Not encountered**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**Not measured**
		FT BSG = FEET BELOW SURFACE GRADE	

DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION
0							Hand auger to 5 ft bsg.
5				moist	54.1		SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (20%), medium dense, moist, no hydrocarbon (HC) odor.
				wet			SILTY SAND (SM): dark yellowish brown (10 YR 4/4), fine sand (80%), silt (20%), medium dense, wet, moderate HC odor.
		A-2 @ 9'			1011		SILTY SAND (SM): dark greenish gray (GLEY1 4/1, 10Y), fine sand (80%), silt (20%), medium dense, wet, moderate HC odor.
10				wet			
							END OF BORING: 13 ft bsg.
15							A temporary well casing was installed in the borehole to collect grab groundwater samples; however, after 30 minutes, no recoverable water was encountered. Borehole destruction: the temporary well casing was removed and the borehole was tremie grouted with neat cement, capped with concrete, and finished to match existing surface grade.

TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER A-3

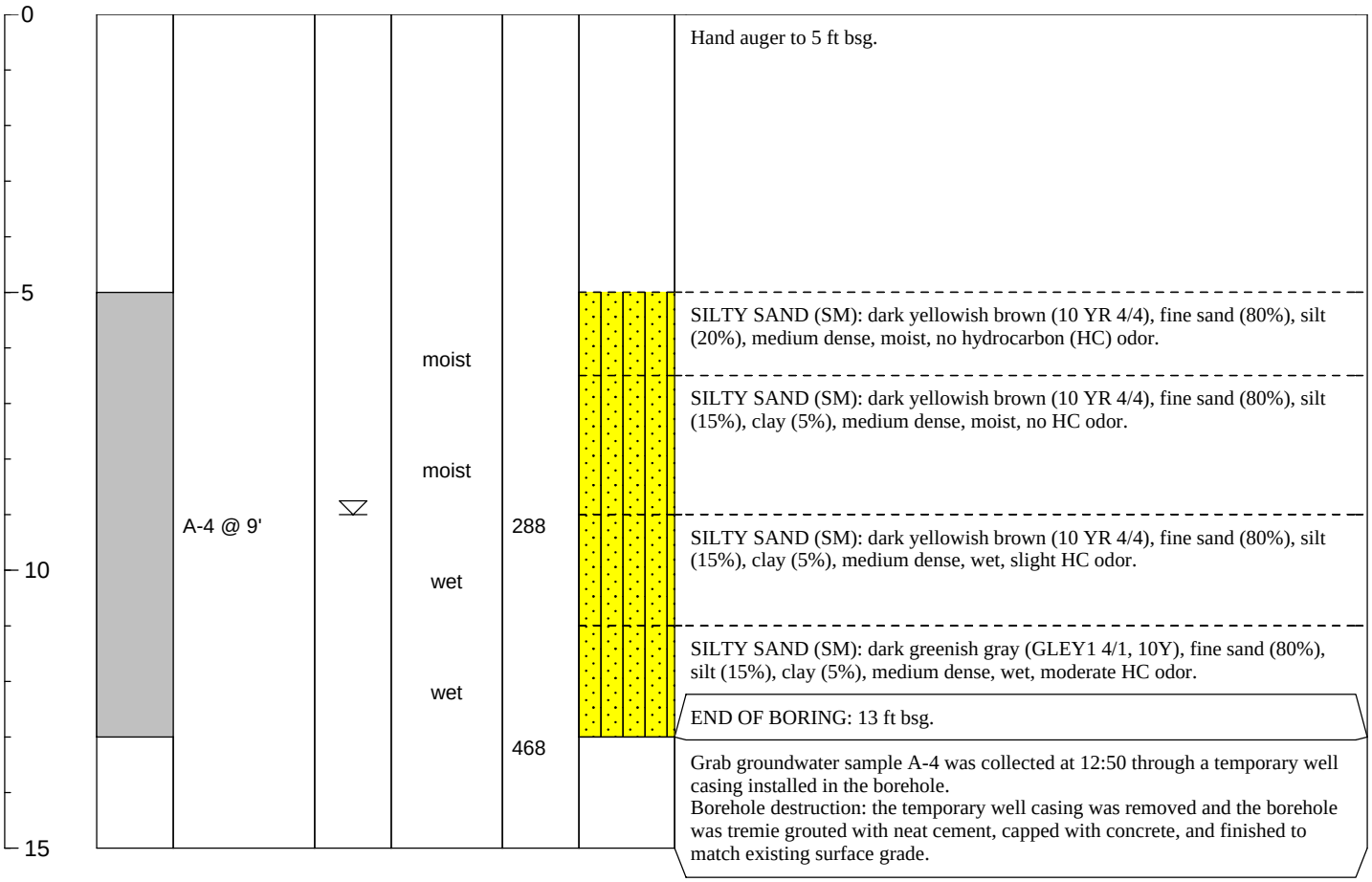
CLIENT:	**Olympian**	BORING DIAMETER:	**2.25 inches**
LOCATION:	**1435 Webster St., Alameda**	TOTAL DEPTH:	**13 ft bsg**
DRILLING CO:	**Gregg Drilling**	DATE STARTED:	**12/6/11**
DRILLING METHOD:	**Direct Push Technology**	DATE COMPLETED:	**12/6/11**
SAMPLING METHOD:	**Macro-Core liners**	SURFACE ELEVATION	**Not measured**
GEOLOGIST:	**E. Sbarbori**	FIRST ENCOUNTERED WATER	**8.5 ft bsg**
REVIEWED BY:	**P. Dotson, PG #8237**	STATIC WATER LEVEL	**Not measured**
		FT BSG = FEET BELOW SURFACE GRADE	



TEC ACCUTITE	SOIL BORING LOG	BORING NUMBER A-4

CLIENT:	Olympian	BORING DIAMETER:	2.25 inches
LOCATION:	1435 Webster St., Alameda	TOTAL DEPTH:	13 ft bsg
DRILLING CO:	Gregg Drilling	DATE STARTED:	12/6/11
DRILLING METHOD:	Direct Push Technology	DATE COMPLETED:	12/6/11
SAMPLING METHOD:	Macro-Core liners	SURFACE ELEVATION	Not measured
GEOLOGIST:	E. Sbarbori	FIRST ENCOUNTERED WATER	9 ft bsg
REVIEWED BY:	P. Dotson, PG #8237	STATIC WATER LEVEL	Not encountered

FT BSG = FEET BELOW SURFACE GRADE



DEPTH (ft bsg)	VIEWED INTERVAL	SAMPLE ID	WATER LEVEL	MOISTURE	PID (ppm)	LITHOLOGIC SYMBOL	LITHOLOGIC DESCRIPTION

ATTACHMENT F

GeoTracker Submission Confirmations

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_MAP FILE

SUCCESS

Your GEO_MAP file has been successfully submitted!

Submittal Type:	**GEO_MAP**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**2011 10 Oxidizer Injections 1435 Webst F2.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:29:21 PM**
Confirmation Number:	**9224164605**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**I-A3**
Facility Name:	**OLYMPIAN #112**
File Name:	**I-A3.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:17:24 PM**
Confirmation Number:	**6023406267**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**I-B1**
Facility Name:	**OLYMPIAN #112**
File Name:	**I-B1.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:22:38 PM**
Confirmation Number:	**6464398980**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**I-B6**
Facility Name:	**OLYMPIAN #112**
File Name:	**I-B6.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:23:42 PM**
Confirmation Number:	**6729964494**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**I-C1**
Facility Name:	**OLYMPIAN #112**
File Name:	**I-C1.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:24:56 PM**
Confirmation Number:	**7156885802**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**A-1**
Facility Name:	**OLYMPIAN #112**
File Name:	**A-1.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:10:24 PM**
Confirmation Number:	**5548995912**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**A-2**
Facility Name:	**OLYMPIAN #112**
File Name:	**A-2.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:12:20 PM**
Confirmation Number:	**6006409645**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**A-3**
Facility Name:	**OLYMPIAN #112**
File Name:	**A-3.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:13:12 PM**
Confirmation Number:	**1050477027**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0600100766**
Field Point:	**A-4**
Facility Name:	**OLYMPIAN #112**
File Name:	**A-4.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/27/2012 2:16:00 PM**
Confirmation Number:	**4964014708**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**GEO_WELL**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**GEO_WELL.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/20/2012 3:04:32 PM**
Confirmation Number:	**4095143139**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Interim Remedial Action Report**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1110007 Webster St EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/20/2012 3:07:18 PM**
Confirmation Number:	**7077783167**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Interim Remedial Action Report**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1110123 1435 Webster EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/20/2012 3:08:26 PM**
Confirmation Number:	**5167958080**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Interim Remedial Action Report**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1110198 1435 Webster EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/20/2012 3:09:43 PM**
Confirmation Number:	**3573209404**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Interim Remedial Action Report**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1110211 1435 Webster EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/30/2012 10:31:31 AM**
Confirmation Number:	**4319152116**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Interim Remedial Action Report**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1112044 1435 Webster EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/20/2012 3:11:59 PM**
Confirmation Number:	**9183381080**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Interim Remedial Action Report**
Submittal Title:	**2011 Peroxide Injection and SAMR2**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**TEC Accutite 1112045 1435 Webster EDF.zip**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/20/2012 3:12:26 PM**
Confirmation Number:	**4796844422**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	**GEO_REPORT**
Report Title:	**2011 Oxidizer Injection Pilot Test and Second Quarter Groundwater Monitoring Report**
Report Type:	**Pilot Study/ Treatability Report**
Report Date:	**1/30/2012**
Facility Global ID:	**T0600100766**
Facility Name:	**OLYMPIAN #112**
File Name:	**RO0193 2011_PT and SAMR2_1435 Webster E480 E521 FINAL.pdf**
Organization Name:	**TEC Accutite**
Username:	**TEC-OLYMPIAN**
IP Address:	**67.126.45.211**
Submittal Date/Time:	**1/30/2012 4:34:38 PM**
Confirmation Number:	**8709803283**