UNDERGROUND FUEL STORAGE TANK-RELATED CORRECTIVE ACTION REPORT

2836 UNION STREET
OAKLAND, CALIFORNIA

Prepared for:

LARRY WADLER
2525 MANDELA PARKWAY
OAKLAND, CA 94607

December 2006

STELLAR
ENVIRONMENTAL SOLUTIONS, INC.
GEOSCIENCE & ENGINEERING CONSULTING

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December 1, 2006

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December 1, 2006

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Environmental Health Care Services Agency
Department of Environmental Health – Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: Underground Fuel Storage Tank-Related Corrective Action Report
2836 Union Street, Oakland, California – RO#2905

Dear Mr. Chan:

On behalf of the property owner and "Responsible Party" (Mr. Lawrence Wadler), Stellar Environmental Solutions, Inc. (SES) is submitting this Corrective Action Report related to petroleum contamination from a former underground fuel storage tank. This work follows initial site characterization activities (in August and October 2005 and April 2006); the reports of those activities were provided to Alameda County Environmental Health (in both hard copy and electronic upload to the ftp system) and to the State Water Resources Control Board's GeoTracker system.

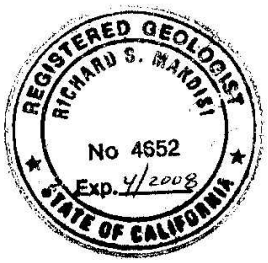
The corrective action completed was effective in removing the majority of residual soil, which could be easily identified except where it occurred beneath the building footprint. Significant groundwater contamination was also recovered through purging the excavation area of contaminated groundwater. However, available data indicate remaining contamination that exceeds Regional Water Quality Control Board Environmental Screening Levels. In our professional opinion, the recent installation of the ten monitoring wells to conduct quarterly groundwater monitoring is the appropriate action to further evaluate the magnitude and stability of the contaminant plume over time, and to determine whether additional corrective action might be warranted and if site closure criteria can be met.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report are true and correct to the best of my knowledge. If you have any questions regarding this report, please contact us at (510) 644-3123.

Sincerely,

Henry Pietropaoli, R.G., R.E.A.
Project Manager

Richard S. Makdisi, R.G., R.E.A.
Principal



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EXECUTIVE SUMMARY

SUMMARY AND FINDINGS

This work follows a preliminary site investigation in August 2005 and additional site characterization investigations in October 2005 and April 2006.

One 10,000-gallon gasoline underground fuel storage tank (UFST) was installed in the late 1970s. The UFST operated under Alameda County Environmental Health permit (permit No. STID 4065) until it's removal in 1998. Site soil and groundwater have been contaminated by gasoline and associated aromatic hydrocarbons. Soil analytical results show that soil contamination began at a depth of approximately 6 to 7 feet, and did not extend deeper than approximately 11 feet.

The corrective action completed was effective in removing the majority of the residual soil, which could be easily identified. Residual contaminated soil remaining on site is mainly beneath the building footprint (not possible to access). Significant groundwater contamination was also recovered through purging contaminated groundwater from the excavation area. However, according to the available data, the remaining contamination exceeds Regional Water Quality Control Board Environmental Screening Levels. In our professional opinion, the recent installation of the ten monitoring wells to conduct quarterly groundwater monitoring is the appropriate action to further evaluate the magnitude and stability of the contaminant plume over time, and to determine whether additional corrective action might be warranted or if site closure criteria can be met.

During this investigation, 397.6 tons of contaminated soil was removed from the vicinity of the former UFST and disposed of at a permitted non-hazardous landfill. The resultant excavation comprised an approximately 900-square foot area. It is estimated that 30 to 40 cubic yards of contaminated material, containing total petroleum hydrocarbons as gasoline at an estimated 1,000+ milligrams per kilogram, still resides beneath the building on site. Thus, approximately 90 percent of the contaminated soil was remediated.

During this investigation, 900 gallons of contaminated groundwater was initially pumped from the open excavation and found to contain high levels of dissolved hydrocarbons. As a result of this apparent good contaminant mass capture, another 4,200 gallons of contaminated

groundwater was pumped from the backfilled excavation via the temporary dewatering point and sent to a non-hazardous wastewater recycling facility. Pre-pumping and post-pumping excavation groundwater sample analytical results show that significant mass removal was accomplished by excavation dewatering.

Groundwater in the immediate vicinity of the former UFST occurs at a depth of less than 10 feet, and appears under at least semi-confining conditions, rising from approximately 20 feet below ground surface to as high as 6 feet below grade, such that groundwater is in contact with residual contaminated soil. The groundwater contaminant plume has not been fully delineated, but appears to have an elliptical configuration with the long axis trending east to west-northwest.

The extent of the contaminant plume is determined by the mass of residual soil contamination, hydrogeologic characteristics, and the ability of natural degradation mechanisms to reduce contaminant mass. Groundwater contamination will continue to migrate downgradient from the source area, primarily by advection.

While this corrective action removed the great majority of hydrocarbon contaminant mass, shallow groundwater will likely continue to be impacted by the remaining residual soil contamination by adsorption from soil into groundwater. However, it should result in significant reduction in the hydrocarbon dissolved fraction concentrations. The dissolved phase hydrocarbon contamination in the groundwater does not appear to be adsorbing onto downgradient soils.

Local groundwater flow direction is generally to the west (toward San Francisco Bay and following local topography) in this area of west Oakland. Based on the configuration of the groundwater contaminant plume, it appears that local groundwater flow direction in the recent past was to the west-northwest. However, as seen in the October 2006 groundwater elevation map, the present direction is southwest toward the hydrologic void created by dewatering of the excavation. The flow direction will likely turn west-northwest once hydrogeologic conditions equilibrate.

RECOMMENDATIONS

- We recommend following up with Alameda County Environmental Health following its receipt of this report, to discuss the requirements to move the site toward regulatory closure. We further recommend that the Alameda County Environmental Health-requested work be implemented, and that all future technical reports be provided to the appropriate regulatory agencies, including electronic uploads to Alameda County Environmental Health's ftp system and the State Water Board's GeoTracker system.

- Excavation groundwater sample analytical results show that significant mass removal is accomplished by excavation dewatering. Additional excavation dewatering should be continued, followed by collection of post-pumping groundwater samples to evaluate the effectiveness of the pumping.
- Groundwater monitoring should be continued. All of the groundwater monitoring wells should be re-sampled as soon as possible, using micro-purging method, to evaluate the effect of dewatering and to obtain samples from the wells that were purged dry after well development and could not be sampled. Obtaining samples from all of the wells should illuminate the degree of hydraulic conductivity between the shallow and deep water-bearing zones. The groundwater flow direction as it is affected by the excavation should be evaluated in future monitoring events.
- The site should be evaluated for potential remediation by soil vapor extraction should natural attenuation fail to demonstrate a stable or reducing plume.

1.0 INTRODUCTION

PROJECT DESCRIPTION

Stellar Environmental Solutions, Inc. (SES) was contracted by Mr. Lawrence Wadler (property owner) to conduct corrective actions related to soil and groundwater contamination at 2836 Union Street in Oakland, California. This work follows a preliminary site investigation in August 2005 and additional site characterization investigations in October 2005 and April 2006. Both investigations revealed subsurface contamination from a former 10,000-gallon underground fuel storage tank (UFST).

Figure 1 shows the site location. Figure 2 is a site plan showing the locations of the borings, monitoring wells, and corrective action excavations for this and previous investigations. Appendix A contains photographic documentation of investigation activities. Appendix B contains analytical data from previous investigations.

SUBJECT PROPERTY DESCRIPTION AND HISTORY

The approximately 7,200-square foot rectangular subject property is developed with one approximately 1,500-square foot two-story building. A narrow driveway borders the building to the north, and the rear of the property is undeveloped (paved). Adjacent uses include:

- A residence (to the north);
- A paved parking area (to the east);
- A residence (to the south); and
- A sidewalk, then Union Street, then an auto body repair facility (to the west).

The property operated as an express courier facility (Modern Mail Services, Inc.) between 1951 and 2003. The UFST had been operating under a current Alameda County Environmental Health permit (permit No. STID 4065) until it was removed in 1998. The tank closure report was submitted to the Oakland Fire Department (Golden Gate Tank Removal, 1998).

1000 ft Scale: 1 : 43,750 Detail: 12-2 Datum: WGS84

N

SITE LOCATION ON U.S.G.S. TOPOGRAPHIC MAP

2836 Union Street
Oakland, CA

By: MJC | NOVEMBER 2005

Figure 1

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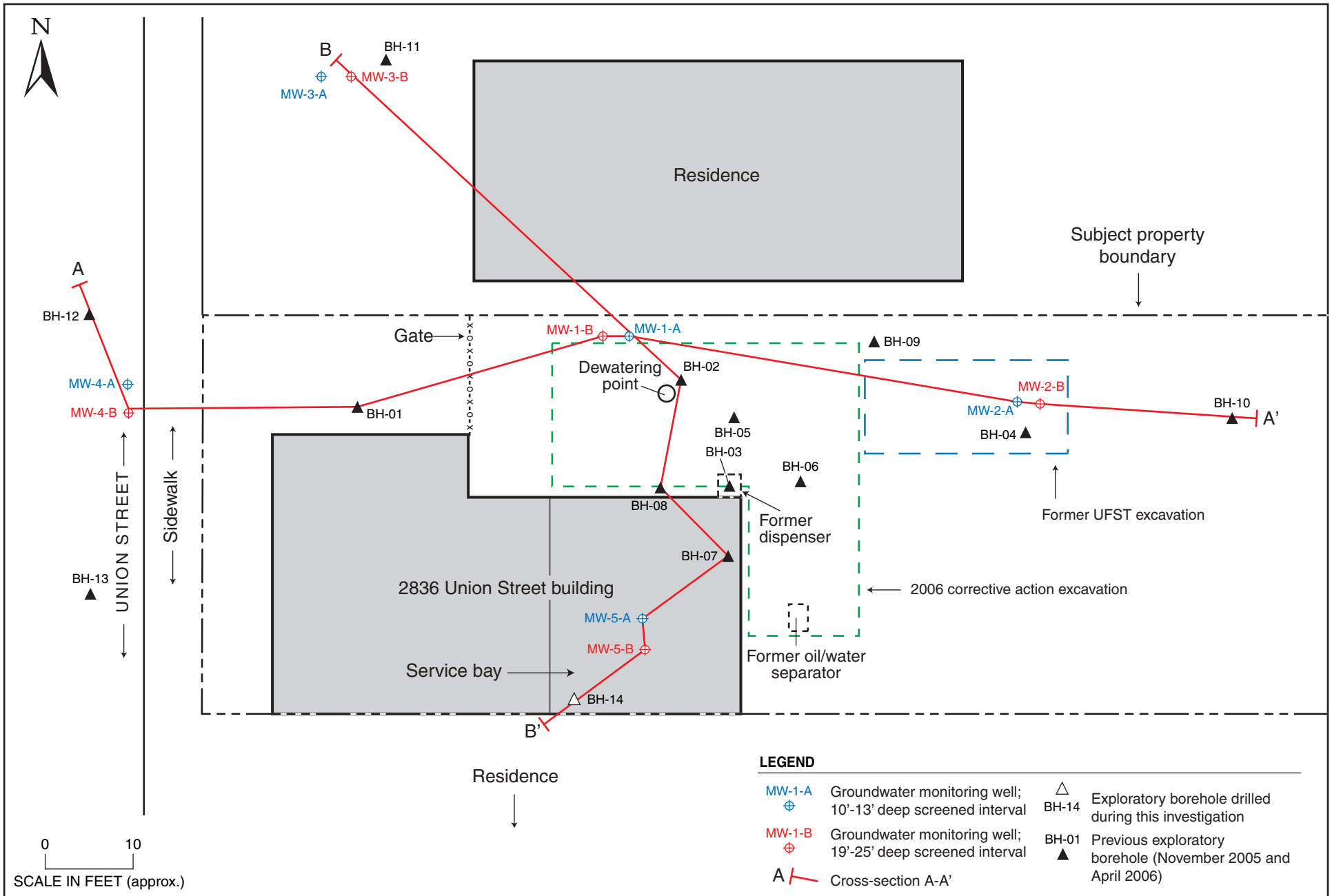
2005-65-01



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SITE PLAN SHOWING LOCATIONS OF SOIL BORINGS

2836 Union Street, Oakland, CA

Figure 2

by: MJC | NOVEMBER 2006

2005-65-47

November 2005 Initial Site Characterization

The November 2005 investigation included the advancing of four exploratory boreholes and the collection of soil and grab-groundwater samples for laboratory analysis. It was determined that gasoline and related aromatic hydrocarbons were present at elevated levels in both soil and groundwater; soil contamination apparently was limited to the area near the former dispenser. The investigation was summarized in a technical report (SES, 2005b) and, based on the findings, SES recommended that a corrective action investigation be conducted; this was proposed in our December 22, 2005 technical workplan (SES, 2005c).

April 2006 Characterization

The April 2006 investigation involved the advancing of nine exploratory boreholes and the collection of soil and grab-groundwater samples for analysis to determine the areal and vertical extent of both soil and groundwater contamination. Site data indicated the presence of petroleum hydrocarbons in soil and groundwater that warranted groundwater monitoring well installation and quarterly monitoring. It was also determined that it would be both cost-effective and feasible to remove the remaining (accessible) contaminated soils by excavation, as an interim corrective action. The investigation is summarized in a technical report (SES, 2006b).

REGULATORY STATUS

Alameda County Environmental Health has assigned the site to its fuel leak case system (RO#2901) and a case officer has been assigned. The case has been assigned No. T0600105641 in the State Water Resources Control Board's GeoTracker system. Electronic uploads of required data/reports will be submitted to both of these agencies.

PURPOSE AND SCOPE OF THIS INVESTIGATION

The objectives of the current phase of work are:

1. Implement the recommendations of the April 2006 investigation;
2. Remove by excavation residual UFST contaminated soil mass that is contributing to degradation of groundwater;
3. Document residual contaminant concentrations, primarily those extending beneath the site building;
4. Begin groundwater monitoring and sampling;
5. Pump groundwater from the excavation to remove contaminant mass in groundwater; and

6. Collect pre-pumping and post-pumping groundwater samples to evaluate the effectiveness of pit pumping as a means of contaminant mass removal.

PROJECT PARTICIPANTS

The following personnel, firms, and regulatory agencies were involved in the work for this investigation:

- **Mr. Lawrence Wadler –** Subject Property Owner
- **Stellar Environmental Solutions, Inc. –** Environmental consultant and prime contractor for the project
- **Alameda County Department of Environmental Health –** Workplan concurrence, permitting, and inspections (Appendix C)
- **City of Oakland –** Encroachment permitting (Appendix C)
- **Bay Area Air Quality Management District** – Notification in accordance with Regulation 8 Rule 40 as it pertains to contaminated soil excavation (Appendix C)
- **Speelman Excavation Services –** Soil excavation, contaminated soil removal, and backfilling (SES subcontractor)
- **A&E Asphalt –** Final completion of excavation (SES subcontractor)
- **Virgil Chavez Land Surveying –** GeoTracker-certified monitoring well survey (SES subcontractor)
- **Resonance Sonic International –** Drilling and monitoring well construction (SES subcontractor)
- **Evergreen Environmental Services –** Contaminated water removal and recycling (SES subcontractor)
- **Allied Waste –** Landfill (contaminated soil profile package prepared by SES)
- **Blaine Tech Services –** Groundwater monitoring and development (SES subcontractor)
- **Curtis & Tompkins, Ltd. –** Environmental sample analyses (SES subcontractor)
- **MacCampbell Analytical Laboratory –** Environmental sample analyses (SES subcontractor)
- **Department of Water Resources** – Submittal of Monitoring Well Completion Reports (prepared by SES)

2.0 PHYSICAL SETTING

TOPOGRAPHY AND DRAINAGE

The mean elevation of the property is approximately 18 feet above mean sea level (amsl), and the general topographic gradient in the site vicinity is slight and to the west-southwest (toward San Francisco Bay). The site itself has no discernible slope. The nearest downgradient (to the west) permanent surface water body is the Airport Channel of San Leandro Bay (which is connected to San Francisco Bay), approximately 2 miles west of the subject property. According to the commercially available database, the site is not located within a flood zone or wetland.

LITHOLOGY AND HYDROGEOLOGY

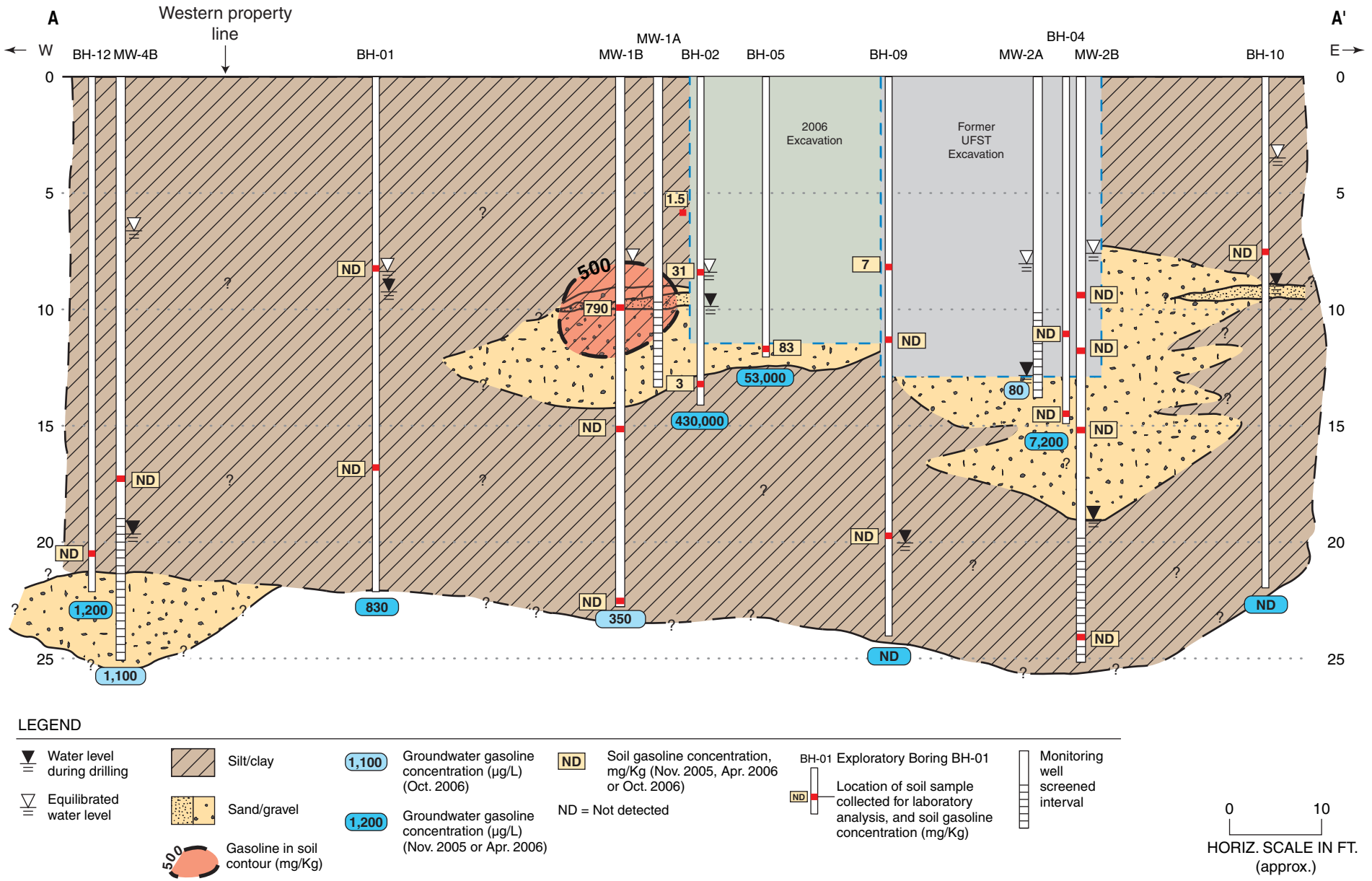
Shallow site lithology has been determined in this and previous investigations by the visual method of the Unified Soils Classification System (USCS) using continuous core soil samples. Appendix D contains borehole geologic logs from this investigation.

Figures 3 and 4 depict geologic cross-sections of the site (approximately parallel to and perpendicular to the inferred groundwater flow direction), with borehole data projected into the cross-sections. The cross-sections incorporate data collected during this and prior investigations necessary to illustrate the contaminated soil and associated groundwater plume.

The predominant soil type in all site boreholes was silty clay, generally firm and plastic. Several of the boreholes had no obvious sand or gravel units, although minor amounts of sand and gravel were occasionally present in the overall clay matrix with the occurrence of groundwater coincident in units with higher sandy-gravel than clay content. Local heterogeneities in shallow lithology and groundwater levels are typical of the alluvial deposits in this area.

In deeper boreholes drilled during installation of MW-2B, MW-3B, MW-4B, and BH-14, silty-clayey-sandy gravel at depths of approximately 20 to 22 feet below ground surface (bgs) was encountered. Groundwater quickly (within 5 minutes) rose to approximately 5 to 6 feet bgs in those boreholes, indicating confined or semi-confined conditions.

In borings advanced during installation of MW-1B, MW-2B, MW-5B, and BH-14, a thin sand and/or gravel unit was encountered at depths of approximately 6 to 13 feet but as deep as 18 feet



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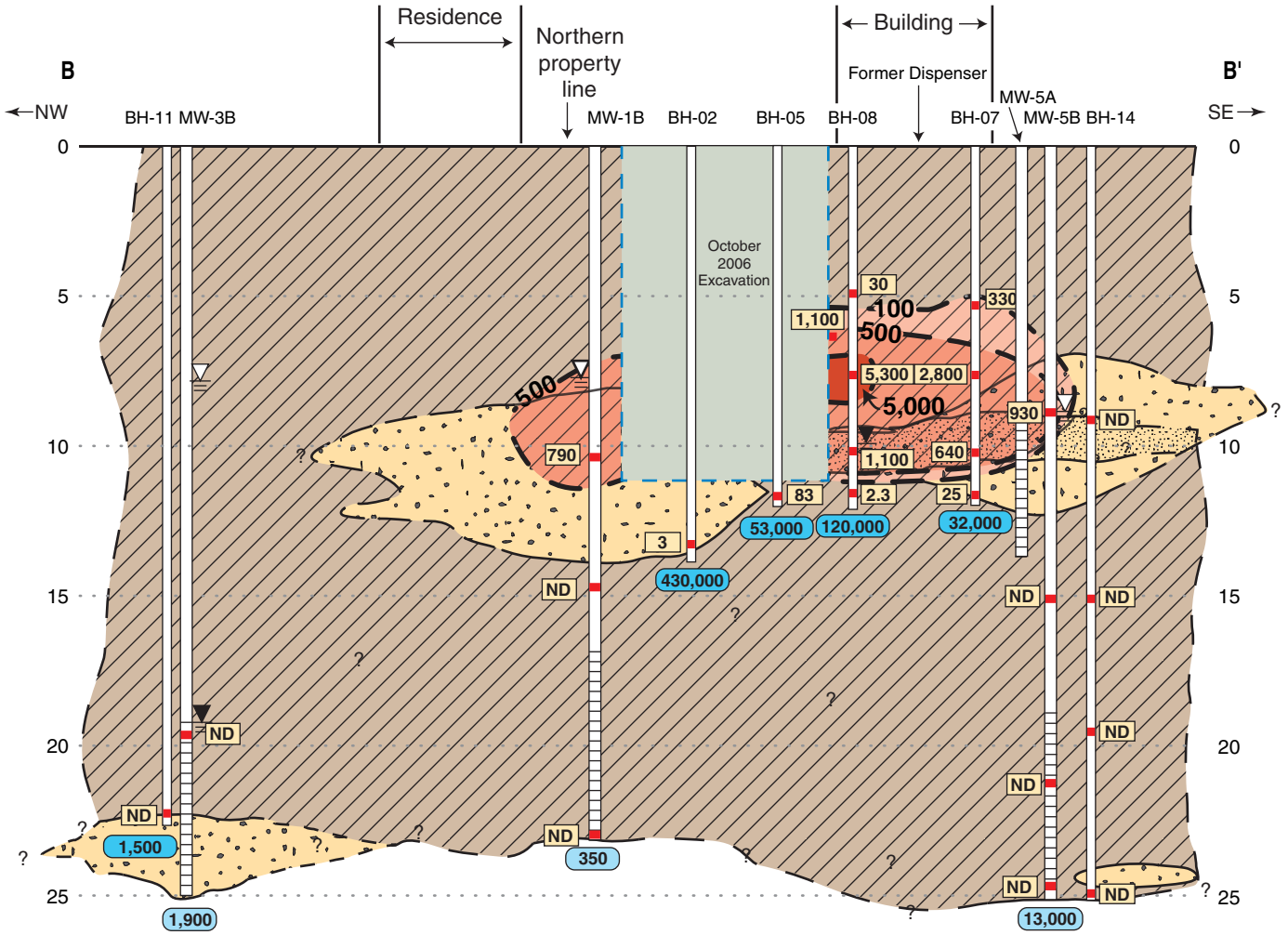
GEOLOGIC CROSS SECTION A-A'

2836 Union Street, Oakland, CA

Figure 3

by: MJC | NOVEMBER 2006

2005-65-49



LEGEND

- Water level during drilling
- Equilibrated water level
- Silt/clay
- Sand/gravel
- 500 Gasoline in soil contour (mg/Kg)
- 1,100 Groundwater gasoline concentration (µg/L) (Oct. 2006)
- 1,200 Groundwater gasoline concentration (µg/L) (Nov. 2005 or Apr. 2006)
- ND Soil gasoline concentration, mg/Kg (Nov. 2005, Apr. 2006 or Oct. 2006)
- ND = Not detected
- BH-01 Exploratory Boring BH-01
- ND Location of soil sample collected for laboratory analysis, and soil gasoline concentration (mg/Kg)
- Monitoring well screened interval

Note: former dispenser is projected into section (approx. 7' from south)

0 10
HORIZ. SCALE IN FT. (approx.)

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GEOLOGIC CROSS SECTION B-B'

2836 Union Street, Oakland, CA

Figure 4

by: MJC | NOVEMBER 2006

2005-65-50

in MW-2B. The lateral extent of this unit to the south of BH-14 is undefined, and it was not encountered in borings advanced during installation of MW-3B or MW-4B to the north and west, respectively. This sandy-gravel had a heavy fuel odor, and was also observed during the excavation to extend beneath the building. The unit was saturated and appears to represent the limited perched groundwater unit identified in the April 2006 investigation. Groundwater in this shallow unit could be perched or the result of an upward gradient from the confining pressure exerted by the 20- to 22-foot-deep groundwater zone. Groundwater moves very slowly in the shallow unit relative to the deeper zone, as demonstrated during subsequent sampling during which only one of the five shallow zone wells and four of the five deep well recharged quickly enough to provide a sample for analysis.

Local groundwater flow direction is generally to the west (toward San Francisco Bay and following local topography) in this area of west Oakland.

3.0 SEPTEMBER 2006 WELL INSTALLATIONS

This section summarizes the installation of ten monitoring wells, installed as five "nested well pairs" designed to monitor the apparent shallow and deeper water-bearing zones, to differentiate vertical contaminate zones in groundwater. The shallow well of each nested pair extended approximately 13 feet bgs, and the deeper well was placed at approximately 25 feet bgs. Additionally, one boring (BH-14) was advanced on the southern side of the property to define to the southern lateral extent of lithologic units and the contaminant plume.

PRE-FIELD WORK PERMITTING AND CLEARANCES

- Obtain workplan concurrence from Alameda County Environmental Health.
- Obtain borehole drilling and monitoring well permit from Alameda County Public Works Agency.
- Obtain Encroachment and Excavation Permit from the City of Oakland, required for the wells drilled in Union Street.
- Visit site to mark drilling locations, then notify Underground Service Alert (USA Ticket #343966).

INSTALLATION OF MONITORING WELLS

On September 25 and 26, 2006, Resonance Sonic International (CA C-57 License #802334), under the direction of SES, installed ten groundwater monitoring wells in the area surrounding the subsequent excavation activity. Four of the wells were located offsite in neighboring properties and six wells were located onsite. The borings for the deep well were advanced with a 3.25-inch outside diameter sampling barrel and drive rods using a GeoProbe™ truck-mounted direct-push drilling rig. Continuous soil samples were collected for geologic logging. Soil samples were also collected for laboratory analysis based on lithologic location and/or PID measurement.

Boring logs and monitoring well construction details can be found in Appendix D. Table 1 summarizes the monitoring well construction and elevation survey data. Department of Water Resources (DWR) Well Completion Reports are found in Appendix E.

Table 1
Monitoring Well Construction and Groundwater Elevation Data
2836 Union Street, Oakland, California

Well	Well Depth Below TOC	Rim Elevation	TOC Elevation	Groundwater Elevation (10/5/06)	Groundwater Elevation (10/30/06)
MW-1A	12.59	12.52	12.25	dry	0.49
MW-1B	22.52	12.48	12.05	4.56	4.54
MW-2A	12.69	13.06	12.82	4.87	4.97
MW-2B	24.59	13.16	12.96	5.06	4.88
MW-3A	13.06	11.76	11.59	dry	2.02
MW-3B	25.06	12.10	11.95	4.61	4.49
MW-4A	12.28	11.25	11.02	1.28	2.52
MW-4B	24.32	11.25	11.04	4.41	4.44
MW-5A	12.58	12.56	12.42	2.82	1.94
MW-5B	25.39	12.57	12.38	3.31	4.00

Notes:

TOC = top of casing

Wells are 1-inch diameter.

All elevations are in feet above mean sea level.

Water was first encountered in MW-2B at approximately 9.5 feet bgs. No water was encountered during drilling in the shallow borings or in deeper boring MW-5B. Water in all other remaining bores was encountered between 17 and 22 feet bgs. A minor amount of groundwater infiltrated the deeper borings during well construction; however, none of the borings experienced conditions that hampered construction of the wells. Soil cuttings were containerized in one 55-gallon drum onsite and later disposed of along with contaminated soil from the following excavation activity.

Following the removal of core samples, a 3.25-inch outside diameter drive rods were advanced with a sacrificial tip to the complete depth of the borehole. The well was constructed in accordance with specifications documented in the SES May 2006 workplan submitted to Alameda County Environmental Health. The well installed is a "pre-packed" GeoProbe™ well—i.e., a pre-constructed annular filter pack and bentonite seal assembled in the field. This technique has the advantage of generating less soil cuttings and less well development/purge water. This well installation technique was approved by Alameda County Environmental Health.

The monitoring well emplacement procedure involved the following steps:

- 2-inch continuous core sampling rods were withdrawn after sampling.
- The pre-packed well was emplaced inside the outer casing; supplemental sand was added to fill the annular space around the pre-packed screens and to provide an approximately ½-foot to 1-foot cover over the top of the well screens.
- A 2-foot layer of Bentonite chips was added on top of the sand and hydrated.
- Portland cement grout slurry was brought to near ground surface, and the well box was installed in concrete.

The following are key well construction specifications:

- Well screen and filter pack ("pre-packed"): 1.5-inch outside diameter stainless steel mesh, enclosing #20/40 sand, wrapped around 0.75-inch inside diameter (0.010-inch slotted) Schedule 40 PVC screen. In each of the nested well pairs, a 6-foot-long screen extending from approximately 19 to 25 feet bgs was installed in the deep well, and a 3-foot-long screen extending from approximately 10 to 13 feet bgs was installed in the shallow well.
- Well riser: 0.75-inch inside diameter Schedule 40 PVC.
- Pollution seal: 2-foot-thick layer of bentonite chips (hydrated), overlain by Portland cement grout slurry to 1 foot deep, overlain by rapid-set concrete (from 1 foot to surface). In accordance with Alameda County Environmental Health requirements, the diameter of the uppermost portion of the seal (upper 1 foot) was approximately 10 inches.
- Surface completion: Christy-type flush-mount steel box (6-inch-diameter) inside an 8-inch-diameter hole cut in the asphalt/concrete.

DECONTAMINATION PROCEDURES AND BORE ABANDONMENT

All downhole equipment used for borehole drilling and sampling was decontaminated before each bore location and between sampling depths. All surfaces of the sampling equipment and materials were washed with water until all visible dirt, grime, and grease was rinsed from the equipment.

The one boring (BH-14) that was not converted to a monitoring well was abandoned by the following method: the bore was filled with grout mixture of 95 percent cement and 5 percent bentonite, and was emplaced using a tremie pipe, from the bottom of the borehole to ground surface.

WELL DEVELOPMENT AND SAMPLING

Groundwater monitoring well development, water level measurements, purging, and sampling were conducted on October 5, 2006, by Blaine Tech Services under the supervision of SES personnel.

The wells were developed by surging with a ¾-inch-diameter plunger, and then purging (pumping out groundwater) with a peristaltic pump (by Blaine Tech Services Inc.). During the development process, the well was pumped dry several times in an attempt to purge the requisite ten casing volumes to set the annular sand pack, and to reduce the potential for fine-grained native materials to infiltrate the sand pack. Approximately 5.5 gallons of well development and sampling purge water was generated and containerized onsite. The purge water was profiled and disposed of later, along with water removed from the excavation (discussed in more detail in Section 4.0).

After development, the wells were sampled. Only one of the five shallow zone wells and four of the five deep well recharged fast enough (within 8 hours) to collect a sample for analysis.

The groundwater quality parameters of temperature, pH, conductivity, and turbidity were field-measured during well development using daily-calibrated instruments. After development, a groundwater sample was collected.

The samples were placed in an ice chest with ice at approximately 4°C and transported to the analytical laboratory under chain-of-custody the same day. Laboratory analysis was conducted by Curtis and Tompkins, Ltd. (of Berkeley, California), an analytical laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP).

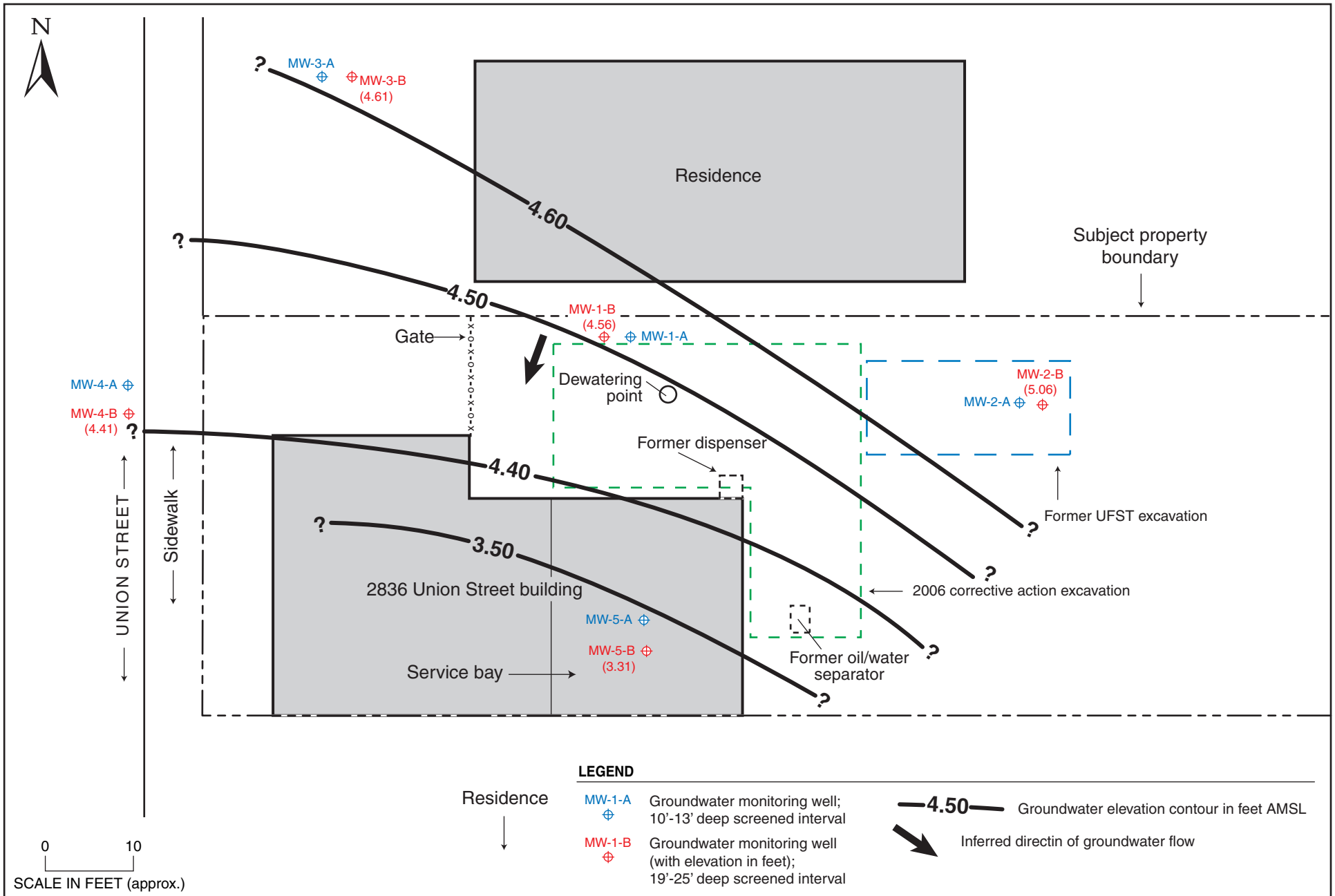
Groundwater monitoring field notes and well development records are contained in Appendix F. Appendix G outlines SES's standard sampling protocol for groundwater. Groundwater monitoring elevation data are summarized in Table 1. Groundwater analytical results are discussed later in Section 5.0.

WELL SURVEY

On October 30, 2006, the survey company, Virgil Chavez Land Surveying, under contract to SES, completed the well elevation survey to State of California GeoTracker standards. The elevations at the north side of the top of PVC casing and the ground surface at the rim of the well box were surveyed. Groundwater elevation data collected from wells are summarized in Table 1, including depth to water in feet and groundwater elevations in feet above mean sea level (amsl). The certified survey report is contained in Appendix H.

GROUNDWATER FLOW DIRECTION

Figure 5 is a groundwater elevation map, based on the October 5, 2006 groundwater elevation measurements. The flow direction is indicated to be to the south, toward the excavation. Based on regional flow patterns (toward San Francisco Bay) and the configuration of the groundwater contaminant plume, discussed in the next section, this apparent flow direction is thought to be locally influenced by the soil excavation and associated dewatering, which proceeded the groundwater measurements. The flow direction will likely return to the west-northwest once hydrogeologic conditions equilibrate.



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GROUNDWATER ELEVATION MAP
2836 Union Street, Oakland, CA

Figure 5

by: MJC | NOVEMBER 2006

2005-65-46

4.0 OCTOBER 2006 CONTAMINATED SOIL REMOVAL

This section summarizes the removal of residual hydrocarbon-contaminated soil associated with the former UFST. Excavation activities were conducted during weekday hours from 8:00 a.m. to 5:00 p.m., as required by local ordinance to minimize disturbance to the surrounding neighborhood. Figure 2 is a site plan showing the location of the former UFST and area of excavation. Figure 3 presents the excavation sampling locations with analytical results. The soil excavation sample analytical results are discussed in a subsequent section. Photographic documentation of the corrective action is presented in Appendix A.

PRE-FIELD WORK PLANNING

Prior to excavation activities, SES conducted the following planning activities:

- Updated the site-specific Health and Safety Plan to include the excavation activities;
- Notified Underground Service Alert to inform any potential underground utility providers to mark the location of their utilities;
- Notified the Bay Area Air Quality Management District (Regulation 8 Rule 40) of contaminated soil excavation (a copy of that notification is included in Appendix C);
- Notified residents in surrounding properties; and
- Coordinated with Alameda County Environmental Health for the final monitoring well sanitary seal inspection.

SOIL EXCAVATION AND REMOVAL

Excavation activities began October 3, 2006 with the removal of overlying concrete and asphalt. Soil removal progressed from west to east and then south using a 710D backhoe to a depth of 10.5 to 11.5 feet bgs. Soil removed from the excavation was periodically screened with a photoionization detector (PID), which provided a qualitative evaluation of contamination to determine whether additional excavation was necessary and where excavation confirmation soil samples should be collected. The soil contamination during the September 2006 excavation was fairly easily identified by its odor, blue-green color, and PID readings, and in some places its correlation with a sandy gravelly lense. Soil analytical results from borings BH-02, BH-05, BH-06, and BH-08 (collected during the April 2006 investigation) that fell within the limits of

the excavation were also used as a guide in conjunction with the PID to determine the excavation depth. In general, during this investigation, it appears that a PID measurement below approximately 100 parts per million by volume of air (ppmv) correlated to a laboratory finding of non-detect to very low concentrations of total petroleum hydrocarbons as gasoline (TPHg). PID measurements associated with boring and excavation samples are shown on Table 2. An exclusion zone around the excavation was created, and no Level 4 Health and Safety standards were exceeded.

Lesser evidence of contamination existed in the north, west, and east walls. PID readings diminished dramatically to undetectable with the PID from 11 to 11.5 feet bgs.

Significant contamination was noted in the southwestern area of the excavation where the contamination extended beneath the building on site and was inaccessible for removal. It is estimated that 30 to 40 cubic yards of contaminated material, represented by soil samples W1, W6, and MW-5B, still resides beneath the building and is contained primarily in a shallow (8- to 10-foot-bgs) sandy-gravel unit. This unit was revealed during excavation to be a saturated perched groundwater layer within a generally ubiquitous clay, and was observed to have fully drained into the excavation pit. The water was subsequently pumped out, and depth to groundwater at the end of the day in the excavation was approximately 11 feet bgs.

An in-place former concrete oil/water separator sump was removed from the southeastern area of the excavation. This sump measured 4 feet long, 2 feet wide, and 3 feet deep, and was filled with thick oily material that was placed in the contaminated soil pile. The highest PID readings (1,518 ppmv) obtained during the CAP were obtained at a depth of 2 feet below the sump.

On the western-most side of the excavation, we encountered the apparent former UFST excavation—an approximately 4-foot wide by 6-foot deep area of sandy-gravel fill material. There were no significant PID readings (less than or equal to 4.6 ppmv) measured in this sand backfill or on any area of the westernmost wall.

Petroleum-laden groundwater within a clayey sand-gravel unit encountered from 6 to 10 feet bgs infiltrated the excavation from the southern wall of the excavation. Significant quantities of groundwater did not appear to infiltrate from other walls or upward from the excavation floor.

Approximately 397.6 tons of excavated soil was temporarily stockpiled on the adjacent parcel to the east (owned by the subject property owner), and was segregated into one inferred non-contaminated stockpile (upper soils) and two inferred contaminated stockpiles (lower soils). The stockpiles were completely covered with plastic sheeting to minimize volatile emissions and to protect them from rainfall.

The final excavation was 11 to 11.5 feet deep, within predominantly medium-stiff clay. As shown on Figure 3, the L-shaped excavation measured approximately 36 feet long in the east-west dimension (approximately 14 feet wide on the west side), and approximately 33 feet long in the north-south dimension on the eastern wall (and 16 feet wide) constituting an approximately 900-square foot area. The excavation walls were vertical in most areas, with very little sloughing.

EXCAVATION CONFIRMATION SOIL SAMPLING

Six excavation wall and two excavation floor confirmation samples were collected during and following the removal of contaminated soil (locations shown on Figure 3). These samples were collected with the teeth of the backhoe; a trowel was then used to collect an aliquot of soil from the backhoe bucket for PID screening and for subsequent analysis by the analytical laboratory. The following samples were collected:

- **W1 and W6 (6 feet bgs**) were collected from the south and west walls of the excavation below the edge of the building from low-permeability clay, directly above the aforementioned saturated sandy gravel. These samples are representative of inaccessible highly soil contaminated material extending beneath the building.
- **W2, W3, W4, and W5** were excavation sidewall samples collected at a depth of 6 feet, the zone of apparent maximum soil contamination in those locations. Location W3 could not be excavated further due to northern property boundary constraints.
- **Excavation floor samples** (F1 and F2) were collected at 11 and 11.5 feet, respectively, at the base of the excavation to document the lower extent of contamination.

All samples were placed in glass jars with Teflon-lined lids, labeled, placed on ice, and submitted to the analytical laboratory under chain-of-custody.

PROFILING AND DISPOSAL OF STOCKPILED SOIL

A 4-point composite sample was collected from the soil stockpiles, in new glass jars. The samples were analyzed for potential contaminants of concern (volatile and extractable-range hydrocarbons; benzene, toluene, ethylbenzene and total xylenes [BTEX]; and total lead). On behalf of the property owner, we prepared and submitted to Allied Waste a waste profile package summarizing the analytical results. The landfill profile package is included in Appendix I.

The stockpile samples had detectable hydrocarbon contamination; therefore, none of the soil was deemed suitable for backfilling. On October 6 and 13, 2006, 397.6 tons of contaminated soil and soil and debris from previous investigations was transported offsite by Speelman Excavation and

disposed of at Allied Waste's Keller Canyon Landfill in Pittsburg, California. Transport manifests of soil offsite removal are included in Appendix I.

GROUNDWATER PUMPING

Approximately 900 gallons of groundwater was pumped from the excavation on October 5 and 6, 2006 as a corrective action measure (to remove contaminant mass). A pre-pumping and a post-pumping groundwater sample was collected for laboratory analysis. The pumped water was stored onsite in two 500-gallon plastic tanks, along with purge water from monitoring well development and sampling. A composite sample for disposal purposes was collected from the two tanks on October 13, 2006, prior to removal and disposal of the water by Evergreen Environmental Services on October 30, 2006. On November 3, 2006, an additional 4,200 gallons was purged from the excavation. A sample of the tank water for disposal purposes was collected the same day.

Analytical results of purged groundwater are presented in Table 2 and discussed in Section 6. Appendix I contains an offsite transport documentation. Appendix J contains the certified analytical laboratory reports for the excavation groundwater and wastewater profiling and chain-of-custody records.

ESTMATED CONTAMINANT MASS REMOVAL

Contamination Removed during Soil Excavation

Approximately 400 tons or 600 CY of contaminated soil was removed from the site, with an average TPHg concentration of 840 milligrams per kilogram (mg/kg). This represent 6.6 pounds of gasoline

Contamination Removed During Dewatering

A total of 900 gallons of TPHg contaminated groundwater was removed from the site, with an average concentration of 35,000 micrograms per liter (µg/L), and an additional 4,200 gallons of groundwater containing 5,200 µg/L of TPHg was removed. This represents approximately 0.4 pounds of gasoline.

BACKFILLING, DEWATERING POINT AND SITE RESTORATION

Backfilling was conducted on October 6, 2006, immediately following removal of contaminated groundwater. Drain rock (81.5 tons) was emplaced in the base of the excavation to a height approximately 5 to 6 feet below grade (to bridge infiltrating groundwater). A temporary 4-inch PVC pipe perforated with drill holes from 6 to11 feet bgs was installed in the backfill. This pipe can be used in the future as a dewatering point and/or for soil-vapor extraction (SVE). The

remainder of the excavation was backfilled with 271.83 tons of predominant sand-size Class 2 A/B clean imported fill from a depth of 5 to 6 feet bgs up to 3 feet bgs; 26.23 tons of predominant silt/clay-size Class 2 A/B clean imported fill was used from 3 feet to 4 inches bgs. Class 2 A/B possesses a low permeability designed to act as a cap to prevent air circuiting from the surface if SVE or bioventing is implemented. The excavation was backfilled in approximately 1-foot lifts, and each lift was compacted with a whacker-type compacter mounted on the excavator. The excavation was resurfaced to existing grade with asphalt by A&E Asphalt on October 26, 2006.

5.0 REGULATORY CONSIDERATIONS, ANALYTICAL RESULTS, AND DISCUSSION OF FINDINGS

REGULATORY CONSIDERATIONS AND SCREENING LEVELS

The Regional Water Quality Control Board (Water Board) has established Environmental Screening Levels (ESLs) for evaluating the likelihood of environmental impact. ESLs are conservative screening-level criteria for soil and groundwater, designed to be generally protective of both drinking water resources and aquatic environments; they incorporate both environmental and human health risk considerations. ESLs are not cleanup criteria (i.e., health-based numerical values or disposal-based values). Rather, they are used as a preliminary guide in determining whether additional remediation and/or investigation may be warranted. Exceedance of ESLs suggests that additional investigation and/or remediation is warranted.

Different ESLs are published for commercial/industrial vs. residential land use, for sites where groundwater is a potential drinking water resource vs. is not a drinking water resource, and the type of receiving water body. A Water Board-published map of the East Bay shows areas where groundwater is, and is not, a potential drinking water resource.

In our professional opinion, the appropriate ESLs for the subject site are based on:

- Residential land use (due to the residence adjoining the property) and commercial/ industrial (for the subject property itself). Note that, for both soil and groundwater contaminants, all ESLs for site contaminants are the same for both residential and commercial/industrial land use.
- Groundwater <u>is</u> a potential drinking water resource. In our professional opinion, the appropriate ESLs for the subject site are *commercial/industrial land use* and *groundwater is a potential drinking water resource.* This is based on both the property zoning status (commercial/industrial) and the designation of this area of Oakland as "Zone A – Significant Drinking Water Resource (Water Board, 1999).
- The receiving body for groundwater discharge is an estuary (San Francisco Bay).

The State of California has also promulgated drinking water standards (Maximum Contaminant Levels [MCLs]) for some of the site contaminants. Drinking water standards may also be

utilized by regulatory agencies to evaluate the potential risk associated with groundwater contamination. For the site contaminants, MCLs are generally the same as the ESLs (except that there is no MCL for gasoline).

Once ESLs or drinking water standards are exceeded, the need for and type of additional investigative and corrective actions are generally driven by the potential risk associated with the contamination. Minimum regulatory criteria generally applied to fuel leak cases in groundwater include:

- The contaminant source has been removed, including reasonably accessible contaminated soils that pose a long-term impact to groundwater.
- The extent of residual contamination has been fully characterized, to obtain sufficient lithologic and hydrogeologic understanding (generally referred to as a Site Conceptual Model).
- Groundwater wells have been installed and are monitored periodically to evaluate groundwater contaminant concentrations and hydrochemical trends.
- The stability of the contaminant plume has been evaluated to determine whether it is moving or increasing in concentration.
- A determination has been made as to whether the residual contamination poses an unacceptable risk to sensitive receptors.

As stated above, ESLs are used as a preliminary guide in determining whether additional remediation or other action is warranted. Exceedance of ESLs may warrant additional actions, such as monitoring plume stability to demonstrate no risk to sensitive receptors in the case of sites where drinking water is not threatened.

ANALYTICAL METHODS

The initial site characterization documented contamination by the following LUFT-related constituents: gasoline; BTEX; and methyl *tertiary*-butyl ether (MTBE). In addition, several other contaminants were analyzed (as required by Alameda County Environmental Health)—ethanol; fuel oxygenates (*tertiary*-butyl alcohol [TBA], di-isopropyl ether [DIPE], ethyl *tertiary*-butyl ether [ETBE], and *tertiary*-amyl methyl ether [TAME]); and lead scavengers (1,2-dichloroethane [EDC] and 1,2-dibromoethane [EDB]).

Soil and groundwater samples were analyzed using the following methods for:

- Total extractable hydrocarbons – gasoline-range (TEHg), by EPA Method 8015B
- BTEX and MTBE, by EPA Method 8260

- Total volatile hydrocarbons (TVH) – gasoline range, by EPA Method 8015M
- Total lead, by EPA Method 6010 (in accordance with landfill requirement)
- Ethanol, by EPA Method 8260 (in accordance with Alameda County Environmental Health requirement)
- TBA, DIPE, ETBE, and TAME, by EPA Method 8260B (in accordance with Alameda County Environmental Health requirement)
- EDC and EDB, by EPA Method 8260B (in accordance with Alameda County Environmental Health requirement)

In addition, the stockpiled soil sample was analyzed for total lead, as required for landfill disposal profiling.

All investigation soil and groundwater samples were analyzed by either McCampbell Analytical, Inc., (Pittsburg, California) or Curtis & Tompkins, Ltd. (Berkeley, California). Both labs maintain current ELAP certifications for all the analytical methods utilized in this investigation.

Appendix J contains the certified analytical laboratory reports and chain-of-custody records for the corrective action phase (excavation confirmation soil, excavation groundwater, and stockpiled soil).

ANALYTICAL RESULTS AND DISTRIBUTION OF CONTAMINANTS

Tables 2 and 3 summarize the soil and groundwater analytical results, respectively. Table 4 presents the oxygenates and lead scavengers tested for in both soil and groundwater. The certified laboratory reports and chain-of-custody records are presented in Appendix J.

Excavation and Boring Soil Sample Analytical Results

The excavation immediately revealed visual contamination within the first 5 feet of digging and the volatilization of gasoline was pronounced. Consistent PID readings above 100 ppmv were found when discolored (by hydrocarbons) soil was tested. The soil was removed from the excavation and stockpiled. Stockpile samples, excavation confirmation samples, and bore samples all show the primary soil contaminant as gasoline, with lesser quantities of BTEX and MTBE. Soil collected during installation of MW-1B (10 feet) and MW-5B (8.5 feet) and excavation wall samples (W1, W3 and W6 [all 6 feet deep]) contained concentrations above the ESL for TVHg. MTBE was detected above the ESL in MW-1B (15 feet). Excavation wall samples W1 and W6 contained concentrations of toluene, ethylbenzene and xylenes above their respective ESLs.

Table 2
Soil Sample Analytical Results – September/October 2006
2836 Union Street, Oakland, California

Sample ID	PID (ppmv)	Sample Depth (feet)	TVHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead
Borehole Soil Samples									
MW 2B-12	4.8	12-12.5	*<0.96*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*NA*
MW 2B-17	1.3	17-17.5	*<0.91*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	0.0049	*NA*
MW 2B-24	0.1	23-24	*<0.98*	*< 0.0049*	*< 0.0049*	*< 0.0049*	*< 0.0049*	*< 0.0049*	*NA*
MW 1B-10	0	10-10.5	**790**	*<0.130*	*<0.130*	1.1	0.13	*<0.130*	*NA*
MW 1B-15	0	15-15.5	*<0.88*	*< 0.0044*	*< 0.0044*	*< 0.0044*	*< 0.0044*	**0.031**	*NA*
MW 1B-23	0	23-23.5	*<0.88*	*< 0.0044*	*< 0.0044*	*< 0.0044*	*< 0.0044*	*< 0.0044*	*NA*
MW 3B-19	0	19-19.5	*< 1.0*	*<0.005*	*<0.005*	*<0.005*	*<0.005*	*<0.005*	*NA*
BH 14-8.5	0	8.5-9	*<0.93*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*NA*
BH 14-15	0	15-15.5	*<0.91*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	0.017	*NA*
BH 14-19.5	0	19-19.5	*<0.94*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*NA*
BH 14-24.5	0	24.5-25	*< 0.86*	*< 0.0043*	*< 0.0043*	*< 0.0043*	*< 0.0043*	*< 0.0043*	*NA*
MW 4B-17	0	17-17.5	*<0.93*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*NA*
MW 5B-8.5	24	8.5-9	**930**	*<0.130*	*<0.130*	0.064	*<0.130*	*<0.130*	*NA*
MW 5B-15	0.4	15-15.5	*<0.94*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	0.0072	*NA*
MW 5B-21.5	3.2	21.5-22	*<0.94*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*NA*
MW 5B-24	5.2	24.24.5	*<0.89*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*NA*

Table 2 ***continued***

Sample ID	PID (ppmv)	Sample Depth (feet)	TVHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead
Excavation Wall Samples									
W1	250	6	**1,100**	***<2.0***	**29**	**18**	**100**	*<2.0*	*<10*
W2	45	6	1.5	*< 0.005*	0.0091	0.012	0.038	*< 0.005*	*NA*
W3	120	6	**270**	*<0.10*	*<0.10*	2.2	*<0.10*	*<1.0*	*<1.0*
W4	30	7	*<1.0*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.005*	*NA*
W5	36	6	<1.1	*<0.0053*	*<0.0053*	*<0.0053*	*<0.0053*	*NA*	*NA*
W6	1518	6	**1,700**	*<0.25*	*<0.25*	**17.0**	**35.4**	*NA*	*NA*
Excavation Floor Samples									
F1	6	11	*<1.0*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.005*	*NA*
F2	14	11.5	*<1.0*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.005*	0.0099	*NA*
Stockpile Comp			**840**	*<0.25*	*<0.25*	**5.0**	**14.8**	*NA*	13
Soil ESLs			*100*	*0.04*	*2.0*	*3.0*	*1.5*	*0.023*	*50*

Notes:

ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.
MTBE = methyl *tertiary*-butyl ether
NA = not analyzed for this constituent
PID = photoionization detector (readings in ppmv)
ppmv = parts per million by volume air
TVHg = total volatile hydrocarbons as gasoline.

Samples in **bold-face type** exceed the ESL criterion.
All concentrations are in milligrams per kilogram (mg/kg).

Table 3
September-October 2006 Groundwater Sample Analytical Results
2836 Union Street, Oakland, California

Sample	TVHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
Monitoring Wells						
MW-1A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-1B	**350**	*<1.3*	*<1.3*	*<1.3*	*<1.3*	2.7
MW-2A	80	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*
MW-2B	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-3A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-3B	**1,900**	*<10*	*<10*	*<10*	*<10*	*<10*
MW-4A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-4B	**1,100**	*<2.5*	*<2.5*	*<2.5*	*<2.5*	*<2.5*
MW-5A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-5B	**13,000**	**9.6**	0.6	21	1.9	**37**
Excavation Dewatering (a)						
EGW-1 (onset of pumping)	**21,000**	**140**	**370**	**1,100**	**1,970**	**110**
EGW-2 (920 gallons removed)	**49,000**	**310**	**930**	**1,700**	**4,500**	*NA*
EGW-3 (4200 gallons removed)	**5,200**	**110**	**75**	**240**	**470**	*NA*
Groundwater ESLs	100 / 500	1.0 / 46	40 / 130	30 / 290	13 / 13	5.0 / 1,800
MCLs	100	1.0	40	30	20	5.0

Notes:
[a] Sample collected from temporary excavation dewatering point.
ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.
MCLs = Maximum Contaminant Levels
MTBE = methyl *tertiary*-butyl ether
NA = not analyzed for this constituent
NS = not sampled
TVHg = total volatile hydrocarbons as gasoline
Samples in **bold-face type** exceed the ESL criterion.
All concentrations are in micrograms per liter (µg/L).

Table 4
September and October 2006 Soil and Groundwater Sample Analytical Results
Lead Scavengers, Fuel Oxygenates and Ethanol
2836 Union Street, Oakland, California

Sample I.D.	EDC	EDB	ETBE	DIPE	TAME	TBA	Ethanol
Soil Analyses (mg/kg)							
MW 2B-12	<4.8	<4.8	<4.8	<4.8	<4.8	<96	<960
MW 2B-17	<4.5	<4.5	<4.5	<4.5	<4.5	<91	<910
MW 2B-24	<4.9	<4.9	<4.9	<4.9	<4.9	<98	<980
MW 1B-10	<130	<130	<130	<130	<130	<2,500	<25,000
MW 1B-15	<4.4	<4.4	<4.4	<4.4	<4.4	<88	<880
MW 1B-23	<4.4	<4.4	<4.4	<4.4	<4.4	<88	<880
MW 3B-19	<5.0	<5.0	<5.0	<5.0	<5.0	<100	<1,000
BH 14-8.5	<4.6	<4.6	<4.6	<4.6	<4.6	<93	<930
BH 14-15	<4.5	<4.5	<4.5	<4.5	<4.5	<91	<910
BH 14-19.5	<4.7	<4.7	<4.7	<4.7	<4.7	<94	<940
BH 14-24.5	<4.3	<4.3	<4.3	<4.3	<4.3	<86	<860
MW 4B-17	<4.6	<4.6	<4.6	<4.6	<4.6	<93	<930
MW 5B-8.5	<130	<130	<130	<130	<130	<2,500	<25,000
MW 5B-15	<4.7	<4.7	<4.7	<4.7	<4.7	<94	<940
MW 5B-21.5	<4.7	<4.7	<4.7	<4.7	<4.7	<94	<940
MW 5B-24	<4.5	<4.5	<4.5	<4.5	<4.5	<89	<890
W1	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<100
W2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	<0.25
W3	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	<1.0	<5.0
W4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	<0.25
F1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	<0.25
Water Board Environmental Screening Levels							
Soil ESLs	0.0045	0.00033	NLP	NLP	NLP	NLP	450

Table 4 *continued*

Sample I.D.	EDC	EDB	ETBE	DIPE	TAME	TBA	Ethanol
Groundwater analyses (ug/L)							
MW-1A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-1B	3.1	*<1.3*	*<1.3*	*<1.3*	*<1.3*	<25	<2,500
MW-2A	*<0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*<0.5*	*<10*	*<1,000*
MW-2B	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-3A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-3B	*<10*	*<10*	*<10*	*<10*	*<10*	*<200*	*<20,000*
MW-4A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-4B	*<2.5*	*< 0.5*	*< 1*	*< 1*	*<2.5*	*< 50*	*<5,000*
MW-5A	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
MW-5B	*<0.5*	*<0.5*	*<0.5*	*<0.5*	1.5	*< 10*	*<1,000*
Water Board Environmental Screening Levels							
Groundwater ESLs	0.05	0.005	NLP	NLP	NLP	NLP	50,000

Notes:

ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.
NLP = no level published

DIPE = isopropyl ether
EDB = ethylene dibromide (1,2-dibromoethane)
EDC = ethylene dichloride (1,2-dichloroethane).
ETBE = ethyl *tertiary*-butyl ether
TAME = *tertiary*-amyl methyl ether
TBA = *tertiary*-butyl alcohol

mg/kg = milligrams per kilogram
µg/L = micrograms per liter

Residual Soil Contamination

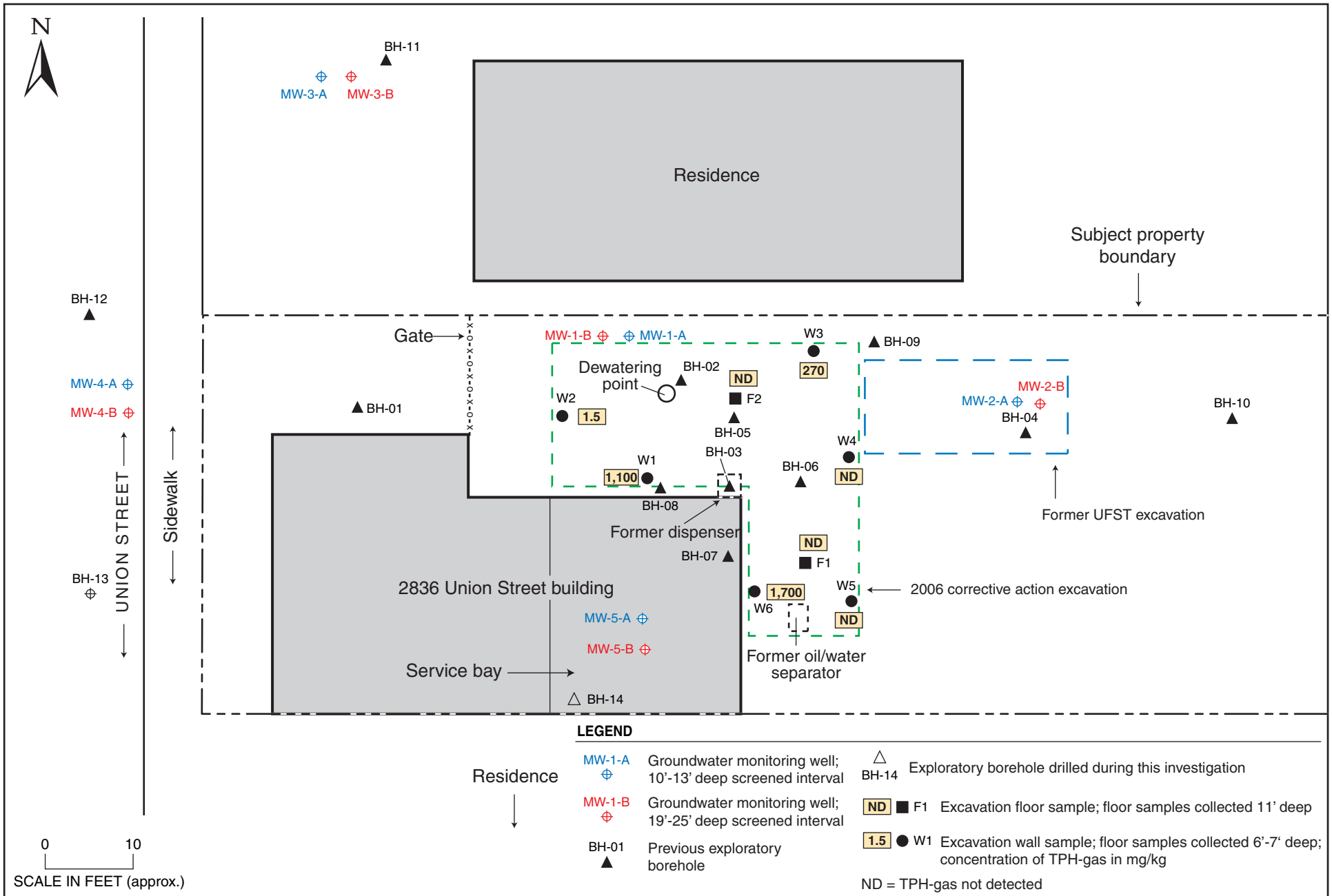
An estimated 90 percent of the contaminated soil was removed; the remaining 10 percent was predominantly located beneath the existing building foundations. Residual TPHg soil contamination (790 to 270 mg/kg) above regulatory ESLs exists to the north, but was inaccessible for removal over the property line. To the south-southwest (underneath the onsite building), an estimated 30 to 40 cubic yards of contaminated soil remains. Maximum residual soil contamination exists from 6 to probably 10.5 feet bgs in this area; it is represented by excavation wall samples W1 (6 feet bgs) and W6 (6 feet bgs), with 1,100 to 1700 mg/kg of TPHg, respectively, and soil sample 5B (8.5 feet bgs) with 930 mg/kg. This volume estimate assumes attenuation of the southern extent of contaminated soil mass approximately halfway between MW-5B and BH-14.

Figure 6 shows the excavation confirmation sample results. Eight soil samples were collected as base of excavation or sidewall samples to confirm that accessible contaminated soil was removed. The two samples that showed relatively elevated residual concentrations after the soil excavation remedy were located in the two northern and eastern excavation walls immediately adjacent to the building. These data, along with the soil sample data from well MW5B inside the building, indicate the residual soil contamination is beneath the building. The remaining confirmation soil samples were all at concentrations of 270 mg/kg or less. The base of excavation samples, where it was critical to remove as much of the contamination as possible given the proximity to groundwater, were at trace level of 1.5 mg/kg or less.

Groundwater Analytical Results

TVHg was detected above its ESL in all monitoring wells where it was analyzed, except in MW-2A. Benzene and MTBE were detected above their ESLs in well MW-5B, the well with the highest contaminant concentration. BTEX, MTBE, and TAME were also detected in onsite well MW-5B. MTBE and 1,2-DCA were detected in onsite well MW-1B.

Excavation water samples were collected at a dewatering point directly downgradient of the former UFST location, the area of highest residual soil contamination beneath the building. All contaminant concentrations were higher in the dewatering samples than in groundwater



STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

EXCAVATION CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS

2836 Union Street, Oakland, CA

Figure 6

by: MJC | NOVEMBER 2006

2005-65-44

monitoring well samples. It is possible that groundwater contaminant concentrations in the developed groundwater monitoring wells are lower than the excavation water samples, due to the filtering capacity of the well pack material.

There was a significant reduction in TPHg concentrations between the groundwater pre-pumping samples (21,000 and 49,000 µg/L) and final post-pumping sample (5,200 µg/L). This suggests that pumping may be successful in reducing contaminant mass in groundwater. Post-pumping groundwater contaminant concentrations still exceed ESL criteria for all compounds analyzed.

Figure 7 shows an isoconcentration contour map of TPHg concentration in groundwater based on the October monitoring well analytical results. The plume geometry strongly indicates a west by northwest migrational pattern, which is in line with general groundwater flow direction in this area. However, this flow pattern is contradicted by the hydrologic data, shown in Figure 5.

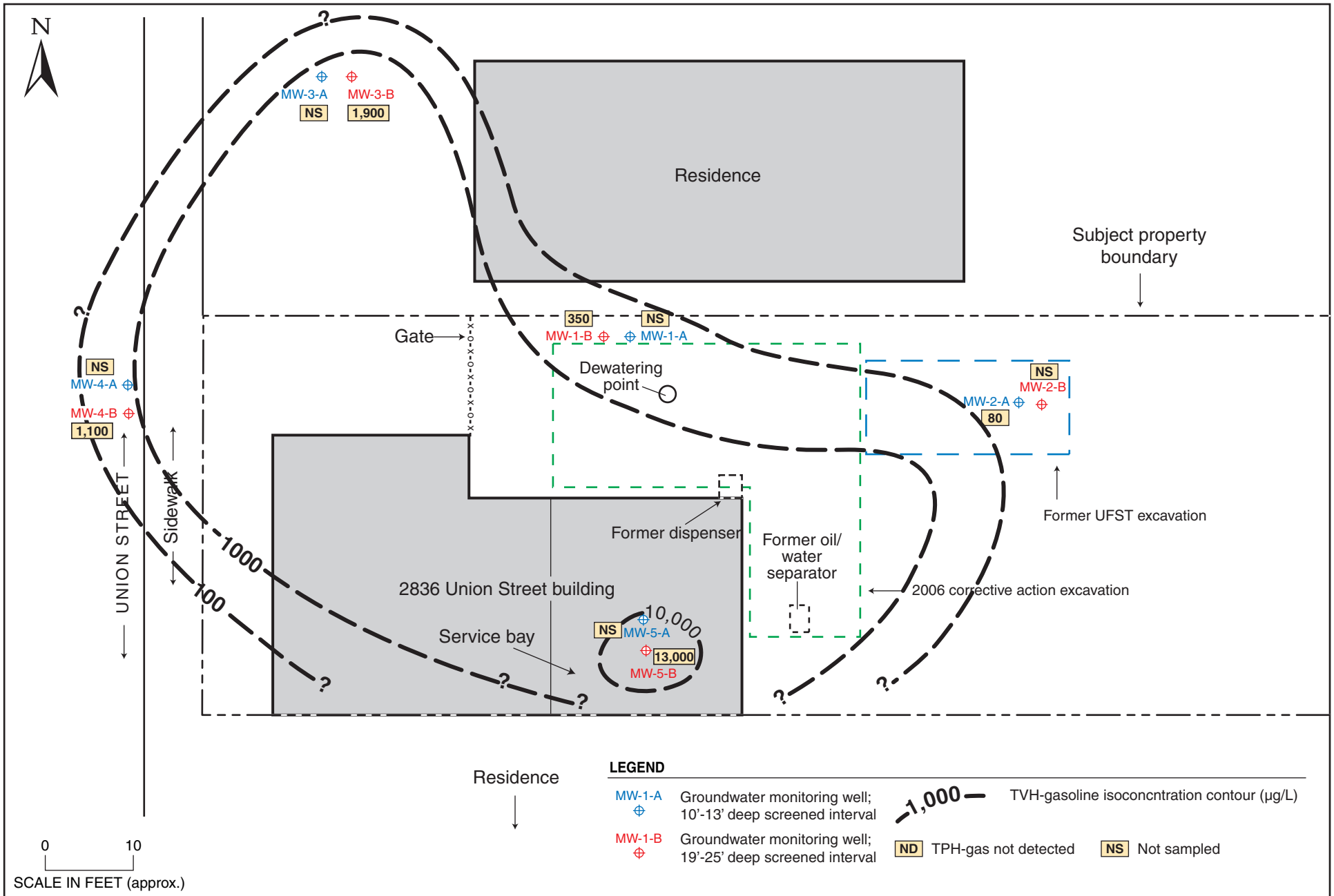
Groundwater Contaminant Plume

These data shows a dissolved plume of TPHg that originates from the former UFST excavation and extends in an elliptical configuration westward across the western portion of the property and then offsite to the west under Union Street. The plume appears to be, at minimum, 60 feet long by 100 feet wide. The lateral limits of the plume upgradient to the east are fairly well constrained by monitoring wells MW-1B and MW-2B, respectively. The northern, southern, and western limits are less defined. The concentrations in groundwater shown in downgradient wells MW-3B and MW-4B show attenuation with distance from the source area; however, the distal extent of the plume has not been fully defined. The limits of the plume are generally determined by the mass of contamination in both soil and groundwater, hydrogeologic characteristics, and the ability of natural degradation processes to control the plume migration.

The resultant contaminant plume has migrated to the west, downgradient of the former UFST. Migration of the dissolved phase hydrocarbon contamination in groundwater does not appear to have caused additional soil contamination by adsorption onto downgradient soils within the capillary fringe zone to the west of the former UFST, as indicated by soil samples collected during installation of the downgradient wells.

CONTAMINANT TRANSPORT OF CONCEPTUAL MODEL

The site conceptual model suggests that the onsite soil and groundwater contamination originated from leaks from the gasoline UFST and/or associated piping. The highest concentration of contamination was located around the pump dispenser rather then the in-ground UFST, suggesting leakage from that area.



STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

TVH-GASOLINE PLUME — October 5, 2006
2836 Union Street, Oakland, CA

Figure 7

by: MJC | NOVEMBER 2006

2005-65-48

The leaking gasoline petroleum product migrated down through clay–rich soil and initially accumulated in a upper "perched" zone of a thin sand-rich layer found inconsistently between a depth of 6 and 8 feet bgs (see cross sectional Figures 3 and 4). From this accumulation point, the contamination worked its way slowly down through the clay-rich soil underlying the perched zone, with a significant fraction of the hydrocarbons adsorbing onto the vadose zone soil, eventually reaching the perennial groundwater table and a gravel-sand rich horizon found at depths of 18 to 20 feet bgs. The gasoline phase contamination shows a relatively significant BTEX fraction, but only trace to minor concentrations of MTBE. Fuel oxygenates were also initially analyzed for, but not found except in trace concentrations.

The fuel contamination migrated downward from the source(s) in the UFST area, likely in inverted cone geometry downward through the laterally uniform clay stratigraphy until it reached the discontinuous sandy perched layer where it would travel laterally. The excavation showed a visually distinctive zone of soil contamination to a depth of about 10 feet bgs (see Appendix A). No vertical preferential pathways based on lithology were noted in the excavation of nearby well logs, but the contamination clearly migrated down to the deeper water-bearing zone at a depth of 18 feet and greater.

Numerous field and laboratory studies have concluded that the subsurface behavior of petroleum hydrocarbons is significantly impacted by their high capacity to undergo biodegradation (Lawrence Livermore National Laboratory, 1995 A variety of naturally-occurring microorganisms utilize petroleum hydrocarbons as a carbon (food) source. Biodegradation of hydrocarbons can occur under anaerobic conditions, but is more highly favored in aerobic conditions.

Biodegradation should be enhanced following the excavation and groundwater purging remedy, as aerobic conditions have been introduced by the removal of the clay-rich contaminated soil and replacement with permeable backfill material. Most hydrocarbon plume conceptual models show biodegradation of petroleum hydrocarbons in groundwater as having a significant role in creating a stable plume, minimizing groundwater plume configuration and concentrations over time (Lawrence Livermore National Laboratory, 1995).

In general, natural attenuation of petroleum in groundwater is very likely occurring unless petroleum concentrations are sufficient to overwhelm the biodegradation process (i.e., in the high concentration area of the plume). In these areas, biodegradation progresses until one of the process-limiting factors (usually oxygen) is depleted to the point at which biodegradation is not supported.

PROJECTED FUTURE TRENDS AND REMEDIAL OPTIONS

Projected Future Trends

The gasoline hydrocarbon plumes, flowing the recent soil removal action, remain stable or diminish over the long term, now that the main source of contaminated backfill has been remediated. However, in the short term, the residual gasoline and BTEX in the soil can release more gasoline to the groundwater, particularly during the winter recharge months when the groundwater table could rise to desorb the residual hydrocarbon beneath the building.

Potential Remedial Action

Now that the main source area soil has been remediated by excavation, the remaining potential gasoline contaminant has diminished potential to migrate to groundwater. The main residual concern is that the contaminant mass beneath the building will continue to feed the plume.

At this point, SES recommends monitoring of natural attenuation and plume stability following the soil and purge water remediation, with one additional purging of the excavation groundwater in the excavation backfill area. Depending on the outcome of future quarterly monitoring, additional remediation such as vapor extraction could be considered.

GROUNDWATER IMPACTS AND BENEFICIAL USES

How much groundwater contamination impacts the current and projected beneficial use of the groundwater? In general, impacts of contamination on the environment by petroleum products are evaluated on a case-by-case basis by the regulators, with consideration given to Water Board ESLs. There appears to be no identified groundwater impacts of concern in the current case, although the area is considered to be a sensitive groundwater recharge area that should be protected.

IMPACTS OF RESIDUAL CONTAMINATION ON BENEFICIAL USES

There are no known immediate impacts to the groundwater that affect current beneficial use, although the area of immediate site area is within the “Zone A” designation by Water Board “East Bay Plain Groundwater Basin Beneficial Use Evaluation Report” (Water Board, 1999). The Zone A designation calls the groundwater a “significant drinking water resource.”

The nearest surface water body is San Francisco Bay, located approximately 4,000 feet west by northwest of the site. Groundwater in the immediate vicinity of the site is not likely to be a potential drinking water source given its shallow depth and turbidity.

The primary source (UFSTs) and secondary source (contaminated soil) have been remediated to the extent that was practical. While a pod of contaminated soil estimated at about 50 cubic yards remains at the site, it is located beneath the building and cannot be directly accessed without structurally compromising the existing building. Remediating the residual soil would require the application of an in-situ method, such as vapor extraction.

The property owner has no plans to utilize site groundwater for any purpose, and assuming approval for site development is achieved, the former source area would remain paved to prevent any infiltrating precipitation from providing a migrational mechanism for the hydrocarbons still entrained in the soil.

6.0 SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

SUMMARY AND CONCLUSIONS

- This work follows a preliminary site investigation in August 2005 and additional site characterization investigations in October 2005 and April 2006.
- One 10,000-gallon gasoline UFST was installed in the late 1970s. The UFST operated under Alameda County Environmental Health permit (Permit No. STID 4065) until its removal in 1998.
- Site soil and groundwater has been contaminated by gasoline and associated aromatic hydrocarbons. Soil analytical results show that soil contamination began at a depth of approximately 6 to 7 feet, and did not extend deeper than approximately 11 feet.
- During this investigation, 397.6 tons of contaminated soil was removed from the vicinity of the former UFST and disposed of at a permitted non-hazardous landfill. The resultant excavation constituted an approximately 900-square foot area.
- It is estimated that between 30 and 40 cubic yards of contaminated material containing TPHg at present concentrations (estimated at about 1,200 mg/kg) still exists beneath the building on site.
- During this investigation, 900 gallons of contaminated groundwater was pumped from the open excavation, and 4,200 gallons was pumped from the backfilled excavation via the temporary dewatering point and sent to a non-hazardous wastewater recycling facility. Pre-pumping and post-pumping excavation groundwater sample analytical results show that significant mass removal was accomplished by excavation dewatering.
- Groundwater in the immediate vicinity of the former UFST occurs at a depth of less than 10 feet, and appears under at least semi-confining conditions, rising from approximately 20 feet bgs to as high as 6 feet below grade, such that groundwater is in contact with residual contaminated soil. The groundwater contaminate plume has not been fully delineated, but appears to be in elliptical configuration with its long axis trending east by west-northwest.
- The extent of the contaminant plume is determined by the mass of residual soil contamination, hydrogeologic characteristics, and the ability of natural degradation

mechanisms to reduce contaminant mass. Groundwater contamination will continue to migrate downgradient from the source area, primarily by advection.

- While this corrective action removed a substantial mass of contamination, shallow groundwater will likely continue to be impacted by the remaining residual soil contamination by desorption from soil into groundwater. The dissolved phase hydrocarbon contamination in the groundwater does not appear to be adsorbing onto downgradient soils.
- Local groundwater flow direction is generally to the west (toward San Francisco Bay and following local topography) in this area of west Oakland. Based on the configuration of the groundwater contaminant plume, it appears that local groundwater flow direction in the recent past was to the west-northwest; however, as seen in the October 2006 groundwater elevation map, the present direction is southwest toward the hydrologic void created by dewatering the excavation. The flow direction will likely turn west-northwest once hydrogeologic conditions equilibrate.

RECOMMENDATIONS

- We recommend following up with Alameda County Environmental Health after its receipt of this report, to discuss the requirements to move the site toward regulatory closure. We further recommend that the work requested by Alameda County Environmental Health work be implemented, and that all future technical reports be provided to the appropriate regulatory agencies, including electronic uploads to Alameda County Environmental Health's ftp system and the State Water Resources Control Board's GeoTracker system.
- Excavation groundwater sample analytical results show that significant mass removal is accomplished by excavation dewatering. Additional excavation dewatering should be continued, followed by the collection of post-pumping groundwater samples to evaluate the effectiveness of the pumping.
- Groundwater monitoring should be continued. All of the groundwater monitoring wells should be re-sampled, using micro-purging method, as soon as possible to evaluate the effect of excavation dewatering and to obtain samples from wells that were purged dry after well development and could not be sampled. Obtaining samples from all of the wells should illuminate the degree of hydraulic conductivity between the shallow and deeper water-bearing zones. The groundwater flow direction, as it is affected by the excavation, should be evaluated in future monitoring events.
- The site should be evaluated for potential remediation by soil vapor extraction should natural attenuation fail to demonstrate a stable or reducing plume.

7.0 LIMITATIONS

This report has been prepared for the exclusive use of Mr. Lawrence Wadler (subject property owner), the regulatory agencies, and their authorized assigns and/or representatives. No reliance on this report shall be made by anyone other than those for whom it was prepared.

The findings and conclusions presented in this report are based solely on the findings of the investigations discussed herein. This report has been prepared in accordance with generally accepted methodologies and standards of practice of the area. The personnel performing this assessment are qualified to perform such investigations and have accurately reported the information available, but cannot attest to the validity of that information. No warranty, expressed or implied, is made as to the findings, conclusions, and recommendations included in the report.

8.0 REFERENCES

Alameda County Environmental Health, 2006. Letter approving technical workplan for corrective action investigation at 2836 Union Street, Oakland, California. March 20.

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APPENDIX A

Photodocumentation

Subject: Drilling at location MW- 2A/B	
Site: 2836 Union Street, Oakland, CA	
Date Taken: September 25, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 01

Subject: Monitoring well construction at location MW 3A/B.	
Site: 2836 Union Street, Oakland, CA	
Date Taken: September 26, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 02

Subject: Well insallation at location MW-1A/B showing prepacked well casing being lowered into drill rod.	
Site: 2836 Union Street, Oakland, CA	
Date Taken: September 25, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 03

Subject: Well installation at location MW-4A/B	
Site: 2836 Union Street, Oakland, CA	
Date Taken: September 25, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 04

Subject: Completed wells inside building at location MW-5A/B	
Site: 2836 Union Street, Oakland, CA	
Date Taken: September 26, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 05

Subject: Discolored and contaminated soil being removed in northeastern area of excavation	
Site: 2836 Union Street, Oakland, CA	
Date Taken: October 3, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 06

Subject: Backfilling excavation: Drain rock on left being overlain with Class 2 A/B fill on right. Dewatering pipe in foreground.	
Site: 2836 Union Street, Oakland, CA	
Date Taken: October 6, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 07

Subject: Compacting backfill with ecavator mounted packer	
Site: 2836 Union Street, Oakland, CA	
Date Taken:October 6, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 08

Subject: Excavator loading contaminated soil for disposal offsite.	
Site: 2836 Union Street, Oakland, CA	
Date Taken: October 6, 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 09

Subject: Excavation Surface completed with asphalt.	
Site: 2836 Union Street, Oakland, CA	
Date Taken:October 25 , 2006	Project No.: SES 2005-65
Photographer: H. Pietropaoli	Photo No.: 10

APPENDIX B

Previous Analytical Results and Plume Maps

Table 1
Soil Analytical Results – Petroleum and Aromatic Hydrocarbons
2836 Union Street, Oakland, California

Sample ID	Sample Location	Sample Depth (feet)	TVHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
July 1998 UFST Removal Excavation Soil Samples								
7751-E	CF - excavation sidewall	8.5	*< 0.5*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.01*	*< 0.005*
7751-W	CF - excavation sidewall	8.5	**7.2**	*< 0.005*	0.012	0.065	0.021	*< 0.005*
7751-DISP	beneath dispenser, unsaturated zone	2.0	**2,100**	**2.8**	**16**	**15**	**93**	**5.1**
November 2005 Borehole Soil Samples								
BH-01-8’	CF: upper water-bearing zone	8	*< 1.0*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.01*	*< 0.021*
BH-01-17’	clay aquitard	17	*< 1.0*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.01*	*< 0.021*
BH-02-8.5’	CF: upper water-bearing zone	8.5	31	**0.093**	*< 0.005*	0.75	0.55	*< 0.022*
BH-02-13.5’	clay aquitard	13.5	3.0	0.012	*< 0.005*	0.057	0.134	**0.024**
BH-03-2.5’	unsaturated zone	2.5	**220**	**0.47**	**6.7**	**3.10**	**17.9**	*< 0.26*
BH-03-7’	unsaturated zone	7	**920**	**1.8**	**19**	**16**	**81**	*< 0.66*
BH-03-14.5’	clay aquitard	14.5	*< 1.0*	*< 0.005*	*< 0.005*	0.019	0.021	*< 0.02*
BH-04-10.5’	saturated zone -UFST excav. backfill	10.5	*< 0.93*	*< 0.005*	*< 0.005*	*< 0.005*	0.007	*< 0.019*
BH-04-14.5’	clay aquitard	14.5	*< 1.0*	*< 0.005*	*< 0.005*	*< 0.005*	*< 0.01*	*< 0.02*
April 2006 Borehole Soil Samples								
BH-05-5’	unsaturated zone	5	**310**	**0.32**	*< 0.25*	**3.8**	**7.9**	*< 0.25*
BH-05-7.5’	CF: upper water-bearing zone	7.5	**2,600**	*< 3.1*	**37**	**35**	**161**	*< 3.1*
BH-05-10’	saturated zone (upper)	10	**2,800**	*< 5.0*	*< 5.0*	**85**	**150**	*< 5.0*
BH-05-11.5’	clay aquitard	11.5	83	*< 0.2*	*< 0.2*	2.7	0.83	*< 0.2*
BH-06-5’	unsaturated zone	5	8.6	**0.170**	*< 0.017*	0.22	*< 0.017*	*< 0.017*
BH-06-7.5’	CF: upper water-bearing zone	7.5	**1,300**	0.025	*< 0.025*	0.38	0.034	*< 0.025*
BH-06-10’	saturated zone (upper)	10	9.2	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*
BH-07-5’	unsaturated zone	5	330	**0.34**	**2.20**	2.40	**11.9**	*< 0.25*

Table 1 (continued)

Sample ID	Sample Location	Sample Depth (feet)	TVHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
April 2006 Borehole Soil Samples — continued								
BH-07-7.5’	CF: upper water-bearing zone	7.5	**2,800**	*< 4.2*	**10**	**43**	**196**	*< 4.2*
BH-07-10’	clay aquitard	10	**640**	*< 0.17*	*< 0.17*	2.30	1.20	*< 0.17*
BH-07-11.5’	clay aquitard	11.5	25	*< 0.005*	*< 0.005*	0.012	0.0243	0.0057
BH-08-5’	unsaturated zone	5	30	**0.21**	*< 0.13*	1.1	1.36	**0.22**
BH-08-7.5’	CF: upper water-bearing zone	7.5	**5,300**	*< 6.3*	**88**	**79**	**380**	*< 6.3*
BH-08-10’	saturated zone (upper)	10	**1,100**	*< 2.0*	**11**	**18**	**86**	*< 2.0*
BH-08-11.5’	clay aquitard	11.5	2.3	**0.67**	0.096	0.26	0.54	**0.0098**
BH-09-11.5’	unsaturated zone	11.5	*< 0.97*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*
BH-09-19.5’	CF: lower water-bearing zone	19.5	*< 0.92*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*
BH-10-7.5’	CF: upper water-bearing zone	7.5	*< 0.99*	*< 0.0045*	*< 0.0045*	*< 0.0045*	*< 0.0045*	*< 0.0045*
BH-11-22’	CF: lower water-bearing zone	22	*< 1.1*	*< 0.0049*	*< 0.0049*	*< 0.0049*	*< 0.0049*	*< 0.0049*
BH-12-20.5’	CF: lower water-bearing zone	20.5	*< 1.0*	*< 0.0046*	*< 0.0046*	*< 0.0046*	*< 0.0046*	*< 0.0046*
BH-13-20.5’	CF: lower water-bearing zone	20.5	*< 1.0*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*	*< 0.0048*
ESLs [(a)]			*100*	*0.04*	*2.0*	*3.0*	*1.5*	*0.023*

Notes:

[(a)] ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.

CF = capillary fringe
TVHg = total volatile hydrocarbons as gasoline
MTBE = methyl tertiary-butyl ether

All concentrations are in milligrams per kilogram (mg/kg). Samples in **bold-face type** exceed the ESL criterion.

Table 2
April 2005 Borehole Soil Analytical Results –
Volatile Organic Compounds
2836 Union Street, Oakland, California

(all concentrations are in µg/kg)

Sample ID	BH-05-7.5'	BH-06-7.5'	BH-07-7.5'	BH-08-7.5'	ESLs [a]
VOCs Not Associated With Gasoline					
Acetone	*< 13,000*	*< 100*	*< 17,000*	*<25,000*	240
cis-1,2-dichloroethene	*< 3,100*	*< 25*	*< 4,200*	*< 6,300*	190
Trichloroethene	*< 3,100*	*< 25*	*< 4,200*	*< 6,300*	260
Gasoline Constituent VOCs					
Isopropylbenzene	4,100	320	5,400	9,300	NLP
Propylbenzene	16,000	> 1,100 [b]	22,000	36,000	NLP
1,3,5-Trimethylbenzene	28,000	42	41,000	63,000	NLP
2-Chlorotoluene	*< 3,100*	*< 25*	*< 4,200*	*< 6,300*	NLP
1,2,4-Trimethylbenzene	> 93,000 [b]	*< 25*	> 140,000 [b]	190,000	NLP
sec-Butylbenzene	*< 3,100*	320	*< 4,200*	*< 6,300*	NLP
Para-Isopropyl Toluene	*< 3,100*	*< 25*	*< 4,200*	*< 6,300*	NLP
n-Butylbenzene	7,800	> 950 [b]	8,800	18,000	NLP
Naphthalene	**11,000**	> 530 [b]	**19,000**	**27,000**	4,200

Notes:

[a] ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.

[b] chromatograph response exceeds instrument's linear range – actual concentration is undefined amount greater than reported.

Samples in **bold-face type** exceed the ESL criterion. NLP = No Level Published
Table lists those compounds detected in the soil samples, as well as those compounds detected in site groundwater samples. See Appendix D for full list of analytes.

Table 3
Groundwater Analytical Results –
Petroleum and Aromatic Hydrocarbons
2836 Union Street, Oakland, California

Sample ID	TVHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE
July 1998 UFST Removal Excavation Grab-Groundwater Sample						
7561-GW [a]	**4,200**	**15**	4.0	**140**	**170**	**150**
November 2005 Borehole Groundwater Samples						
BH-01-GW	**830**	0.76	*< 0.50*	*< 0.50*	*< 0.50*	**24**
BH-02-GW	**430,000**	**6,700**	**350**	**14,000**	**31,000**	*< 200*
BH-03-GW	**73,000**	**530**	**440**	**4,400**	**5,540**	*< 200*
BH-04-GW	**7,200**	*< 0.5*	*< 0.5*	18	1.2	*< 2.0*
April 2006 Borehole Groundwater Samples						
BH-05-GW	**53,000**	**570**	**680**	**4,600**	**3,270**	**60**
BH-06-GW	**5,000**	**82**	5.2	**290**	**35.5**	**14**
BH-07-GW	**32,000**	**230**	**120**	**1,600**	**2,560**	**43**
BH-08-GW	**120,000**	**1,200**	**9,300**	**4,400**	**20,400**	**120**
BH-09-GW	*< 50*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
BH-10-GW	*< 50*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	3.7
BH-11-GW	**1,500**	*< 8.3*	*< 8.3*	*< 8.3*	*< 8.3*	*< 8.3*
BH-12-GW	**1,200**	*< 2.0*	*< 2.0*	*< 2.0*	*< 2.0*	*< 2.0*
BH-13-GW	**940**	*< 4.2*	*< 4.2*	*< 4.2*	*< 4.2*	*< 4.2*
ESLs [b]	100	1.0	40	30	13	5.0
MCLs	no level published	1.0	40	30	20	5.0

Notes:

[a] This sample had no detectable lead (< 0.05 mg/L).

[b] ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.

MCLs = California Maximum Contaminant Levels.
TVHg = total volatile hydrocarbons as gasoline.
MTBE = methyl tertiary-butyl ether

All concentrations are in micrograms per liter (µg/L). Samples in **bold-face type** exceed the ESL or MCL criterion.

Table 4
April 2005 Borehole Groundwater Analytical Results –
Volatile Organic Compounds
2836 Union Street, Oakland, California

Sample ID	BH-05-GW	BH-07-GW	BH-09-GW	BH-10-GW	BH-11-GW	BH-12-GW	BH-13-GW	ESLs [(a)]	MCLs
VOCs Not Associated With Gasoline									
Acetone	*< 830*	*< 200*	*< 10*	**31**	*< 170*	*< 40*	*< 83*	700	NLP
cis-1,2-dichloroethene	*< 42*	*< 10*	*< 0.5*	*< 0.5*	**71**	**53**	**41**	6.0	70
Trichloroethene	*< 42*	*< 10*	*< 0.5*	*< 0.5*	**3,900**	**2,000**	**2,200**	5.0	5.0
Gasoline Constituent VOCs									
Isopropylbenzene	**290**	**300**	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
Propylbenzene	**860**	**1,000**	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
1,3,5-Trimethylbenzene	**700**	**1,000**	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
2-Chlorotoluene	**66**	*< 10*	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
1,2,4-Trimethylbenzene	**2,300**	**2,500**	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
sec-Butylbenzene	**69**	**78**	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
Para-Isopropyl Toluene	**50**	**39**	*< 0.5*	*< 0.5*	*< 8.3*	*< 2.0*	*< 4.2*	NLP	NLP
Naphthalene	**960**	**630**	*< 2.0*	*< 2.0*	*< 33*	*< 8.0*	*< 17*	**21**	NLP

Notes:

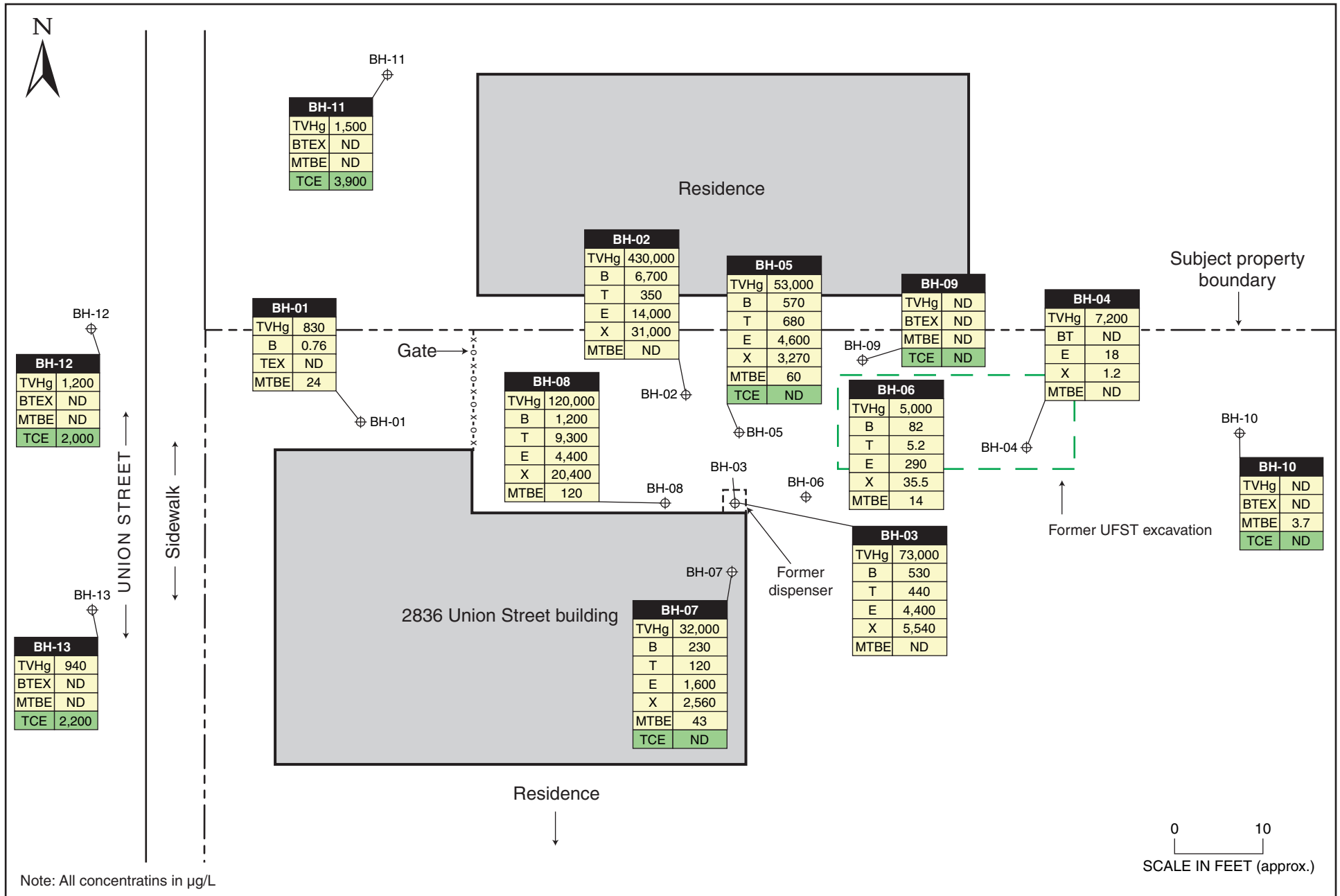
[(a)] ESLs = Water Board Environmental Screening Levels for residential or commercial/industrial sites where groundwater is a potential drinking water resource.

MCLs = California Maximum Contaminant Levels
TVHg = total volatile hydrocarbons as gasoline
MTBE = methyl tertiary-butyl ether

NLP = no level published

All concentrations are in micrograms per liter (µg/L). Samples in **bold-face type** exceed the ESL or MCL criterion.

Table lists only detected VOCs. See laboratory report appendix for full list of target compounds.



Note: All concentratins in µg/L

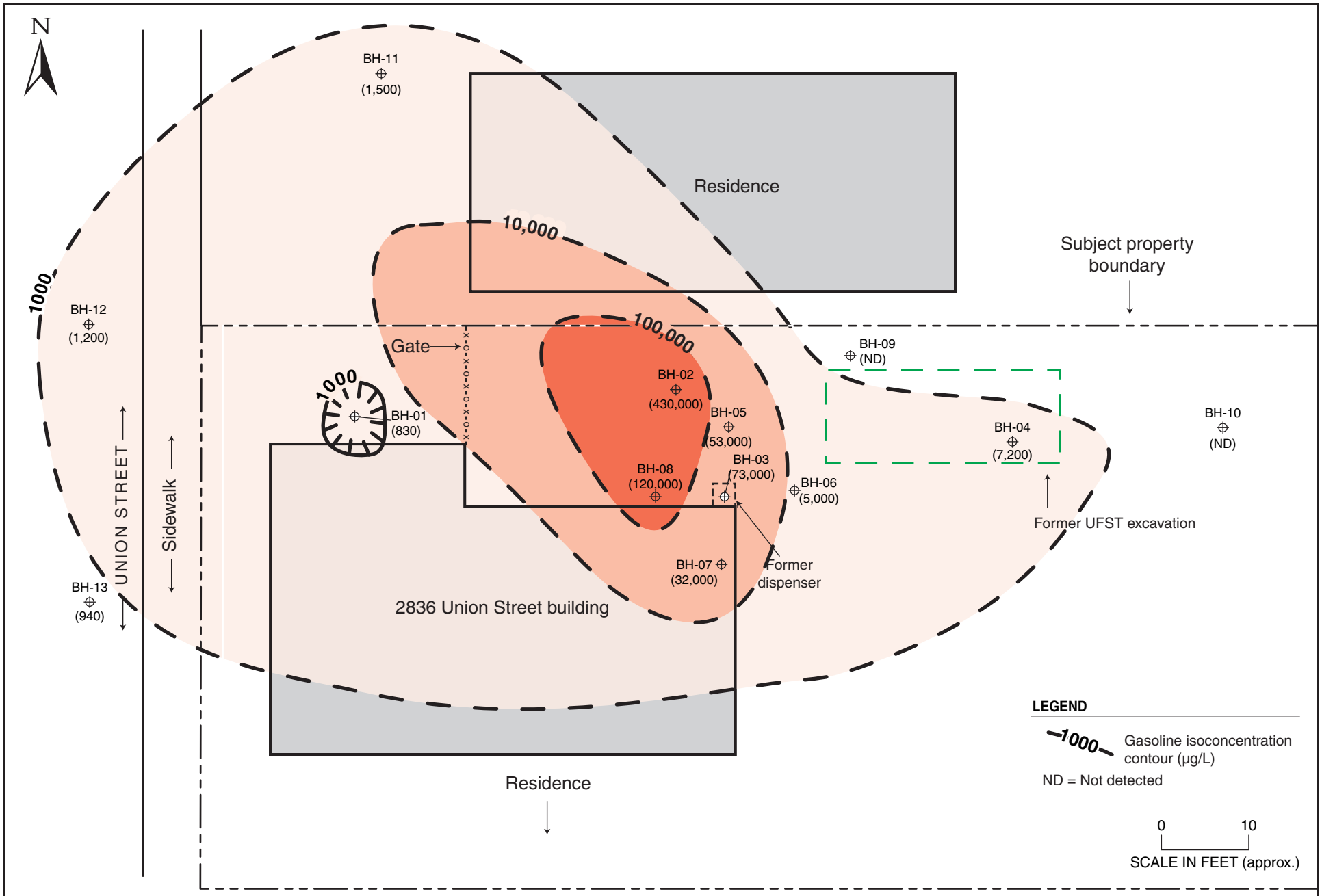
STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

GROUNDWATER ANALYTICAL RESULTS
DECEMBER 2005 AND APRIL 2006 INVESTIGATION
2836 Union Street, Oakland, California

Figure 5

by: MJC | APRIL 2006

2005-65-32



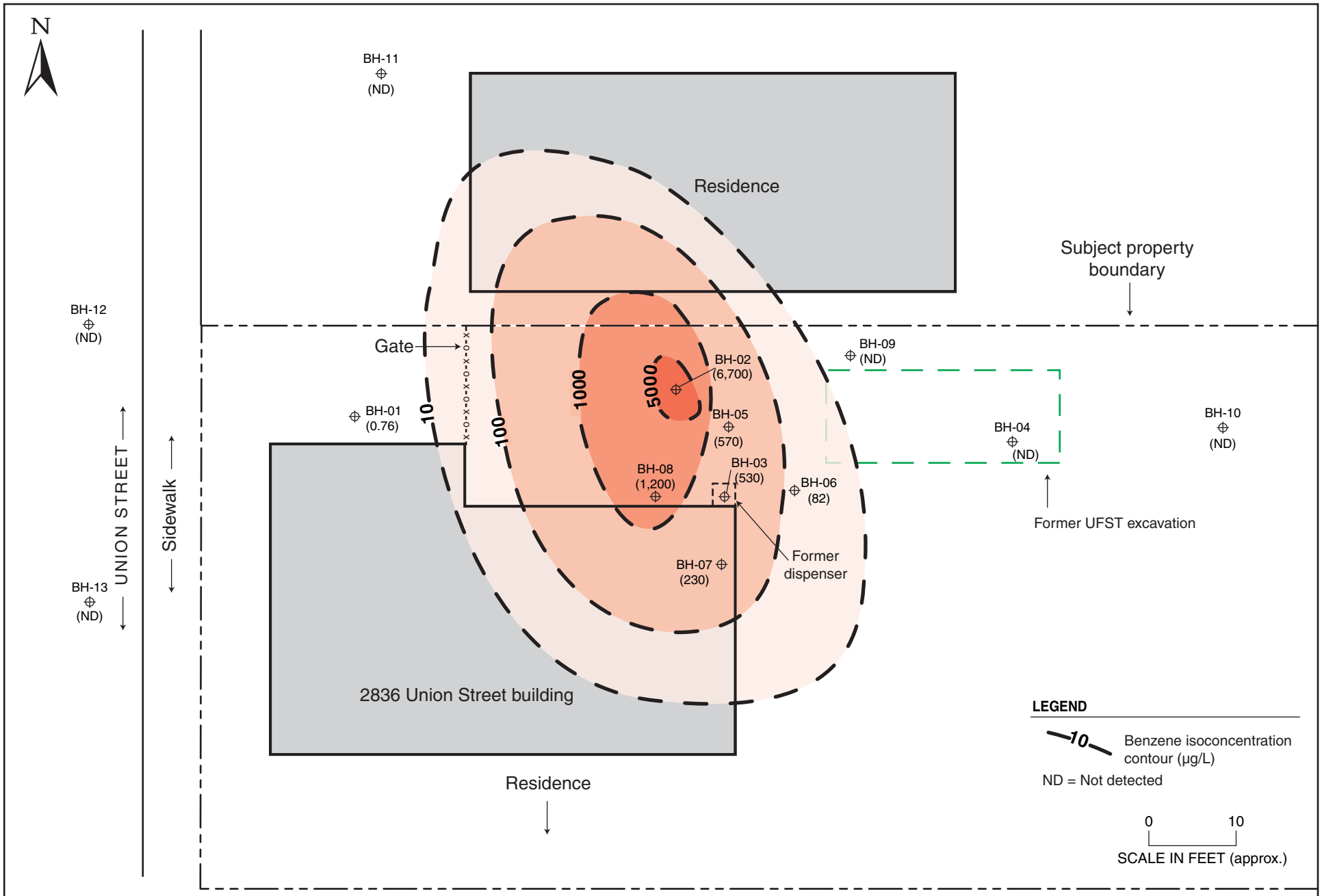
STELLAR
ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

DISSOLVED GASOLINE PLUME CONTOURS
NOVEMBER 2005 AND APRIL 2006 BOREHOLES
2836 Union Street, Oakland, CA

Figure 6

by: MJC | **APRIL 2006**

2005-65-33



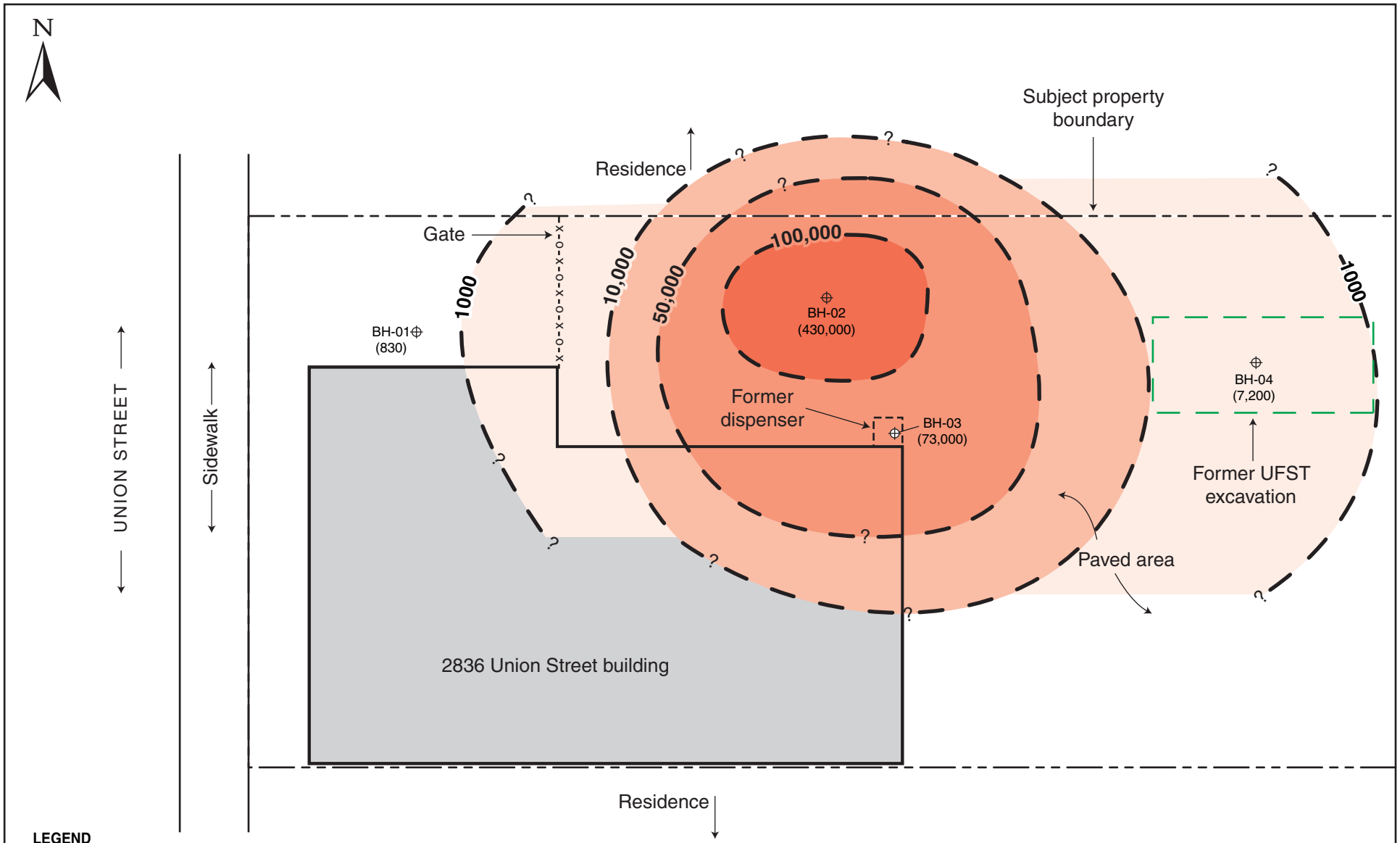
STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

DISSOLVED BENZENE PLUME CONTOURS
NOVEMBER 2005-APRIL 2006 BOREHOLES
2836 Union Street, Oakland, CA

Figure 7

by: MJC | APRIL 2006

2005-65-34



STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

DISSOLVED GASOLINE PLUME CONTOURS

2836 Union Street, Oakland, CA

Figure 5

by: MJC | DECEMBER 2005

2005-65-14

APPENDIX C

Regulatory Notifications and Permits

OTHER PUBLIC AGENCY CONTACTED *(Fire District, Hazardous Materials, City or County)?*	
Agency Name: Alameda County Environmental Health	Contact Name: Mr. Barney Chan
Address: 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502	Phone: 510-567-6765

EMERGENCY REMOVAL ORDER APPLICABLE?	
Agency Name:	Contact Name:
Address:	Phone:

H:\Pub_data\Janet\Reg 8-40\forms\notifdraft3.doc

GENERAL INFORMATION

- This notification form shall be used to notify the BAAQMD of any projects subject to the reporting requirements in Regulation 8, Rule 40, Sections 401 through 405. Notifications may be faxed to (415) 928-0338 or mailed to the address listed at the bottom of this form.
- An invoice for payment will be sent to the person listed under "Contractor Information" as the person responsible, unless the project is exempt from fee payment (see next item).
- See "Frequently Asked Questions" (FAQ) for definition of projects, change procedures, permit requirements, emergency conditions, project exemptions, and fee exemptions. For any questions not answered in the FAQ, contact the Compliance Assistance Counselor at (415) 749-4999.

INSTRUCTIONS

- **SITE OF ACTIVITY:** Give the site street address and indicate if it has any existing BAAQMD site number, for either a plant or GDF. Identify the specific project location if the site contains more than one building. Indicate all applicable activity types by checking appropriate boxes. For reporting requirements under Sections 401 through 403, additional information is required, as below.
- **CONTRACTOR INFORMATION:** Identify the contractor that is responsible for performing the work at the site location listed. This contractor is also responsible for payment of the applicable notification fee, if the project is not exempt.
- **SECTION 401 - TANK REMOVAL/REPLACEMENT:** All soils disturbed and/or excavated as part of the tank removal shall be subject to the requirements of Sections 304 through 306, unless the soil has been determined not to be contaminated by measurement of organic content using the procedures in Sections 601 and 602. Complete requirements for Section 402 or submit sample results showing that the soil is not contaminated.
- **SECTION 402 - CONTAMINATED SOIL EXCAVATION AND REMOVAL:**
  - Be as accurate as possible for the Scheduled Start and Completion Dates. Specific requirements apply for excavation projects triggered within either 45 or 90 days (Reg. 8-40-306.4) and Authority to Construct requirements for projects lasting longer than three months (Reg. 2-1-128.16).
  - If a vapor suppressant is used, attach a product data sheet or MSDS.
  - If Method of Site Closure used is Onsite Treatment, describe specific method, (e.g., bioremediation, vapor extraction, air sparging, thermal desorption, etc.).
  - If Onsite Treatment is used, indicate whether an Authority to Construct was obtained by providing the Application No. or attach copy of BAAQMD Certification of Exemption.
- **SECTION 403 – AERATION OF SOIL < 50 PPMW ORGANIC CONTENT:** Section 301 exempts from control the aeration of soil containing less than 50 ppmw of organic compounds, but Section 403 still requires reporting of **ANY** soil aeration. If such a project does not meet the exemption criteria of Section 118, then a Permit Application and Risk Screening Analysis must be submitted.
- **EMERGENCY REMOVAL INFORMATION (IF APPLICABLE):** The rule defines an emergency tank removal or excavation of contaminated soil as "carried out pursuant to an order of a state or local government agency issued because the contaminated soil poses an imminent threat to public health and safety." If the project(s) meet this definition, then identify the agency that issued the order. Under Section 402 requirements, on line two, identify the purpose as indicated in the order.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Notification Form
Regulation 8 Rule 40

REMOVAL OF UNDERGROUND STORAGE TANKS *OR* TREATMENT OF CONTAMINATED SOIL

SITE OF ACTIVITY

Site Address: 2836 Union Street | **City & Zip:** Oakland, CA 94608 | **Site#:**

Specific Location of Project within Address: Approximately 50 feet East of Union Street

Owner/Operator: Larry Wadler (property owner) / Vacant

Check any that apply (400 numbers refer to regulation section requiring reporting):

- ☐ Tank Removal or Replacement ***(401)***
- ☑ Contaminated Soil Excavation and Removal ***(402)***
- ☐ Aeration of Soil < 50 ppmw organic content, but does not meet Section 118 Exemption ***(403)***
- ☐ Section 114 Exempt; Date Pipeline Leak ***Started:*** _____ Vol. Of Soil: _____ ***(403)***
- ☐ Section 115 Exempt; Date Contamination Unrelated to UST Activities ***Discovered:*** _____ ***(405)***

If only Tank Removal is selected, attach results showing soil is not contaminated

CONTRACTOR INFORMATION

Name: Speelman Excavation | **Site Contact:** Richard Makdisi | **Phone:** 510-644-3123

Address: 1648 Fairway Oaks Court, Ripon, CA 94366

TANK REMOVAL *(Section 401)*

Scheduled Start Date: | **Number and Size of Tank(s):**

Explain Methods of:

Piping drainage or flushing ***(310.1)*** _____

Liquid and sludge removal ***(310.2)*** _____

Vapor removal *(310.3)* **[Check One]** ☐ Water Displacement ☐ Vapor Freeing* ☐ Ventilation*

* Emission controls required for vapor freeing or ventilation if tank size greater than 250 gallons.

COMPLETE INFORMATION BELOW OR ATTACH SAMPLE RESULTS SHOWING SOIL IS UNCONTAMINATED (310.4)

CONTAMINATED SOIL EXCAVATION AND REMOVAL *(Section 402)*

Scheduled Start Date: September _18_ 2006 | **Scheduled Completion Date:** September _20_ 2006

Purpose of Excavation: remove gasoline contaminated soils from a former leaking gasoline UST excavation

Quantity of Soil: 200 tons **Organic Content & Type:** gasoline at 5,300 mg/kg (max.) _____

Methods used to quantify and analyze soil: multiple borehole samples

Method of Stockpile Control *(304-306)*

☐ Water Spray ☑ Covered ☐ Vapor Suppressant (List Material Used): _____

Method of Site Closure *(306)*

☑ Backfilled ☑ Contaminated Soil Removed

☐ Onsite Treatment (Describe): _____ A/C or P/O #: _____

Loaded Trucks Covered? *(306.2)* ☑ Yes ☐ No

AERATION OF SOIL < 50 PPMW ORGANIC CONTENT *(Section 403)*

You must submit a Permit Application and Risk Screening Analysis *(Forms will be sent to you)*

FOR BAAQMD USE ONLY

Fax/PM Date:	By:	Disp to I#:	Area:	Date:	By:
Inv Req Date:	By:	Fwd to Supv.		Date:	By:

See Page Two to Complete This Form

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: 03/28/2006 By jamesy **Receipt Number: WR2006-0139**
Permits Issued: W2006-0226 **Permits Valid from 04/03/2006 to 04/04/2006**

Application Id: 1143499153306 **City of Project Site:** Oakland
Site Location: 2836 Union St, Oakland, CA 94608
Project Start Date: 04/03/2006 **Completion Date:** 04/04/2006

Applicant: Stellar Environmental Solutions - Bruce Rucker **Phone:** 510-664-3123
2198 6th St., Berkeley, CA 94710
Property Owner: Mrs. Letty Wadler **Phone:** 510-444-6248
2525 Mandela Parkway, Oakland, CA 94607
Client: ** same as Property Owner **

Total Due: $200.00
Total Amount Paid: $200.00
Payer Name : Stellar Environmental Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 8 Boreholes
Driller: En Prob - Lic #: 777007 - Method: DP **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0226	03/28/2006	07/02/2006	8	2.00 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.

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. 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.

5. 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.

6. Spot Check Only
Inspector does not have to be present for grout Inspection.

PTS100-01 UPDATE/QUERY PROJECT INFORMATION 9/20/06 13:59:54

Next Option: 101

Applic#* ENMI06418 Type: 1

Date Filed: 09/12/06 Disposition: I ISSUED 09/20/06

	NUMBER	STREET NAME	SUFFIX*	SUITE	ASSESSOR PARCEL#
Site addr: 1)	2836	UNION	ST		005 -0458-029-00
2)					
3)					

Prcl Cond: Cond Aprvl: Viol: X

Proj Descr: Encroach into Union Street with two monitoring wells

Insp Div: ENG-SVCS Dist:

Track:

		Lic#	Phone#	Applicant
Owner:	WADLER LAWRENCE M TRUST		(800)400-7874	
Contractor:				
Arch/Engr:	STELLAR ENVIRONMENTAL SOL.		( )644-3123	X
Agent:				

Applicant Addr: 2514 8TH AV

City/State: OAKLAND CA Zip: 94606 Wrkrs Comp* No Fee:

Other Related Applic#s:

F3=Ext F5=Chg F6=Add F7=Fwd F8=Bck F11=Fnd F12=Prv F23=Dsc F24=Com

807 Press ENTER to view page 2 data

APPENDIX D

Boring Logs and Monitoring Well Construction Specifications

STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

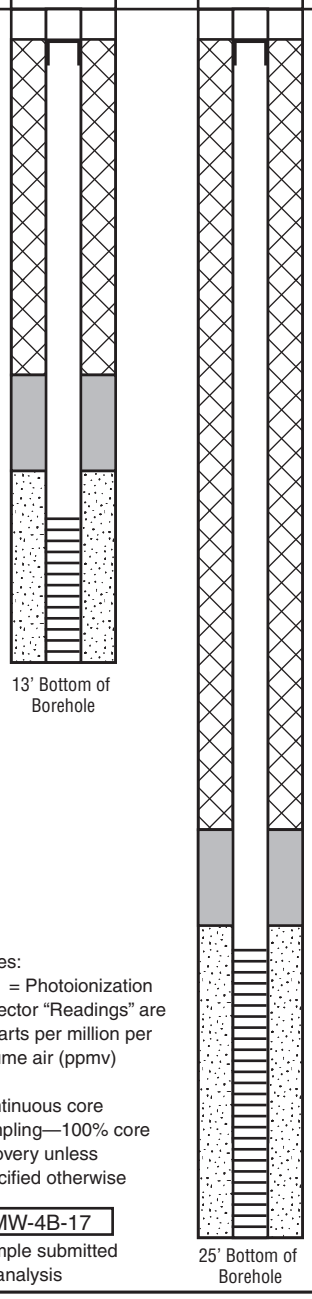
Soil Boring and Well Construction Log

BORING NUMBER MW-4A/B Page 1 of 1

PROJECT Former Modern Mail Facility
OWNER Mr. Lawrence Wadler
LOCATION 2836 Union St., Oakland, CA
PROJECT NUMBER 2005-65
TOTAL DEPTH 25 feet bgs
BOREHOLE DIA. 3.25 inches
SURFACE ELEV. ~17 feet amsl
WATER ENCOUNTERED 19 feet
DRILLING COMPANY RSI
DRILLING METHOD Geoprobe 5400
DRILLER Jose
GEOLOGIST H. Pietropaoli
DATE DRILLED 9/26/2006

DEPTH (feet)	GRAPHIC LOG	PID	DESCRIPTION/SOIL CLASSIFICATION
0			
		0.0	4 inches asphalt
			CL, dark brown clay, stiff, dry, organics grads into light greenish gray clay at 2 feet with 5% medium-grained sand and red oxidized silt pockets
5		0.0	
			CL, as above, damp
10		0.0	
		0.0	
15	MW-4B-17	0.0	CL, as above
			▼
20		0.0	SC, light yellow brown silty clay, 20% coarse-grained sand, oxidized red silty patches, wet
		0.0	GM, silty gravel with interbedded clayey gravel, loose, saturated, reddish brown matrix, angular clasts ≤ 1/2"
25			

WELL CONSTRUCTION



Notes:
PID = Photoionization Detector "Readings" are in parts per million per volume air (ppmv)

Continuous core sampling—100% core recovery unless specified otherwise

MW-4B-17
Sample submitted for analysis

2005-65-42

Well Construction Legend:
- 1.5" PVC screen (0.010-in. slots)
- Hydrated bentonite pellets
- #2/12 Monterey Sand
- Portland cement & water grout
- Flush-mount well box
- ▼ Groundwater encountered

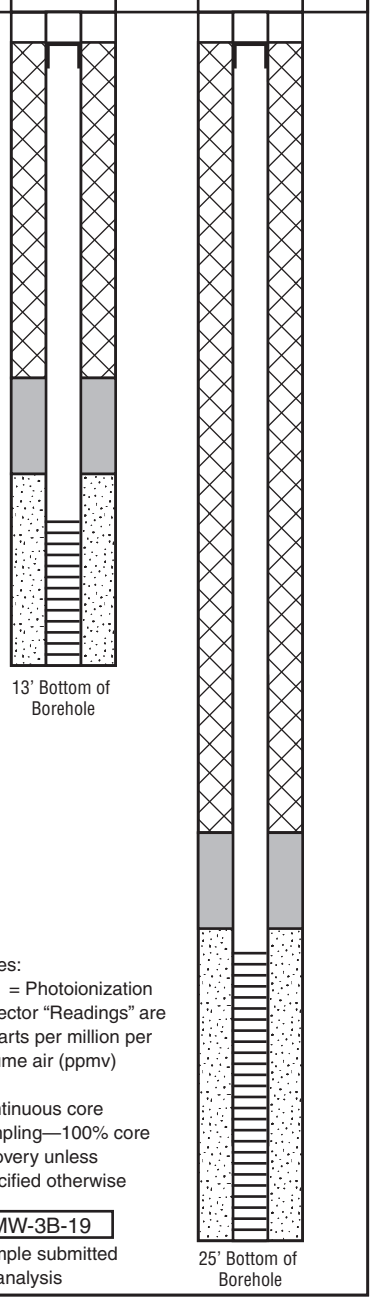
STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

Soil Boring and Well Construction Log

BORING NUMBER MW-3A/B Page 1 of 1

PROJECT Former Modern Mail Facility
OWNER Mr. Lawrence Wadler
LOCATION 2836 Union St., Oakland, CA
PROJECT NUMBER 2005-65
TOTAL DEPTH 25 feet bgs
BOREHOLE DIA. 3.25 inches
SURFACE ELEV. ~17 feet amsl
WATER ENCOUNTERED ~ 20 feet
DRILLING COMPANY RSI
DRILLING METHOD Geoprobe 5400
DRILLER Jose
GEOLOGIST H. Pietropaoli
DATE DRILLED 9/26/2006

DEPTH (feet)	GRAPHIC LOG	PID	DESCRIPTION/SOIL CLASSIFICATION
0			
		0.0	CL, dark brown, dry, very hard, dense (20% recover)
5		0.1	CL, light yellow brown silty clay, dry
			CL, as above
		0.1	
10			CL, as above with 2% coarse grain sand, slightly plastic
		0.0	
15			CL, as above, with rusty oxidized pathces and streaks, grades downward at 20 feet into SC
		0.0	▼
	MW-3B-19		
20			SC, clayey sand, wet
		0.0	GC, reddish brown clayey gravel, angular clasts ≤ 1/2 ince, wet, slightly plastic
25			



Notes:
PID = Photoionization Detector "Readings" are in parts per million per volume air (ppmv)

Continuous core sampling—100% core recovery unless specified otherwise

MW-3B-19
Sample submitted for analysis

2005-65-45

Well Construction Legend:
- 1.5" PVC screen (0.010-in. slots)
- Hydrated bentonite pellets
- #2/12 Monterey Sand
- Portland cement & water grout
- Flush-mount well box
- ▼ Groundwater encountered

STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

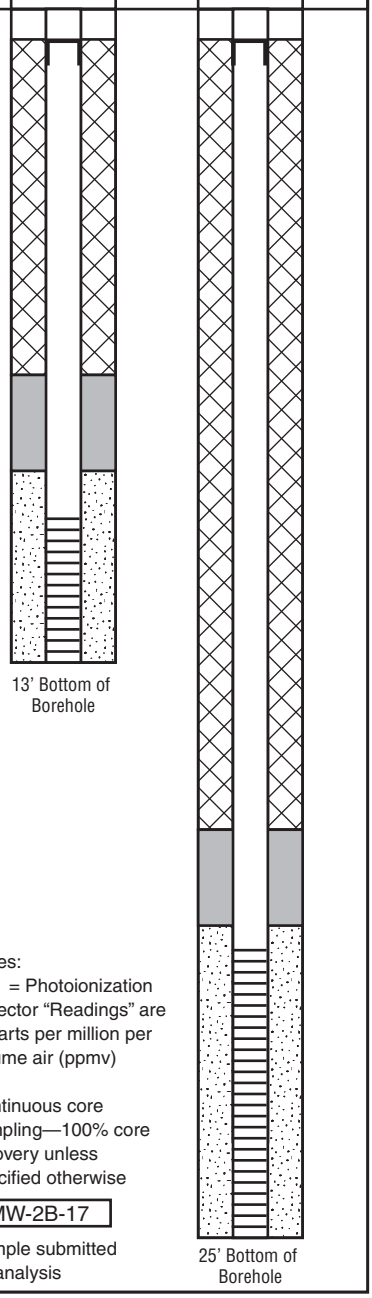
Soil Boring and Well Construction Log

BORING NUMBER MW-2A/B Page 1 of 1

PROJECT Former Modern Mail Facility
OWNER Mr. Lawrence Wadler
LOCATION 2836 Union St., Oakland, CA
PROJECT NUMBER 2005-65
TOTAL DEPTH 25 feet bgs
BOREHOLE DIA. 3.25 inches
SURFACE ELEV. ~17 feet amsl
WATER ENCOUNTERED 9 and 18 feet
DRILLING COMPANY RSI
DRILLING METHOD Geoprobe 5400
DRILLER Jose
GEOLOGIST H. Pietropaoli
DATE DRILLED 9/25/2006

DEPTH (feet)	GRAPHIC LOG	PID	DESCRIPTION/SOIL CLASSIFICATION
0			
		0.0	4 inches asphalt SC, med. brown sandy clay, slightly plastic organics, wood fragments, fill (?) (50% recovery)
5		18.0	
	MW-2B-12	12.8	GP, gravelly sand, dry, loose, (50% recovery) becomes saturated with fuel odor, interbedded SW from 10-12.5 feet
10		4.8	
	MW-2B-17	1.3	GC, blue trey gravelly clay, grades to med. brown at 14 feet, damp clay
15			SC, saturated sandy clay
			CL, yellow brown clay, plastic, damp
20	MW-2B-23	0.1	
25			

WELL CONSTRUCTION



Notes:
PID = Photoionization Detector "Readings" are in parts per million per volume air (ppmv)

Continuous core sampling—100% core recovery unless specified otherwise

MW-2B-17
Sample submitted for analysis

Well Construction Legend:
- 1.5" PVC screen (0.010-in. slots)
- Hydrated bentonite pellets
- #2/12 Monterey Sand
- Portland cement & water grout
- Flush-mount well box
- Groundwater encountered

2005-65-43

STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

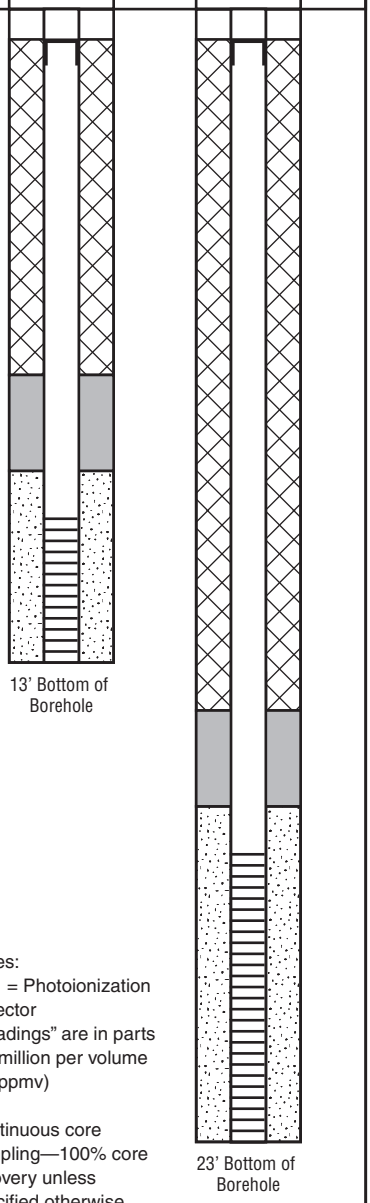
Soil Boring and Well Construction Log

BORING NUMBER MW-1A/B Page 1 of 1

PROJECT Former Modern Mail Facility
OWNER Mr. Lawrence Wadler
LOCATION 2836 Union St., Oakland, CA
PROJECT NUMBER 2005-65
TOTAL DEPTH 25 feet bgs
BOREHOLE DIA. 3.25 inches
SURFACE ELEV. ~17 feet amsl
WATER ENCOUNTERED Not encountered
DRILLING COMPANY RSI
DRILLING METHOD Geoprobe 5400
DRILLER Jose
GEOLOGIST H. Pietropaoli
DATE DRILLED 9/25/2006

DEPTH (feet)	GRAPHIC LOG	PID	DESCRIPTION/SOIL CLASSIFICATION
0			
		0.0	4 inches asphalt CL/CH, dark brown clay, very plastic, damp, 5% coarse-grained sand, stiff, silt pockets (75% recovery)
5			SC, dark brown silty clay
		16.8	CL, light brown clay, stiff, damp
10	MW-1B-10	48.0	GC, light greenish brown gravelly clay, clasts ≤3/8", shell fragments
15	MW-1B-15	4.2	CH, light brown clay, plastic, damp, soft
20	MW-1B-23	0.0	As above
25		0.0	As above

WELL CONSTRUCTION



Notes:
PID = Photoionization Detector
"Readings" are in parts per million per volume air (ppmv)

Continuous core sampling—100% core recovery unless specified otherwise

MW-1B-10 Sample submitted for analysis

Well Construction Legend:
1.5" PVC screen (0.010-in. slots)
Hydrated bentonite pellets
#2/12 Monterey Sand
Portland cement & water grout
Flush-mount well box

2005-65-39

STELLAR ENVIRONMENTAL SOLUTIONS, INC
GEOSCIENCE & ENGINEERING CONSULTING

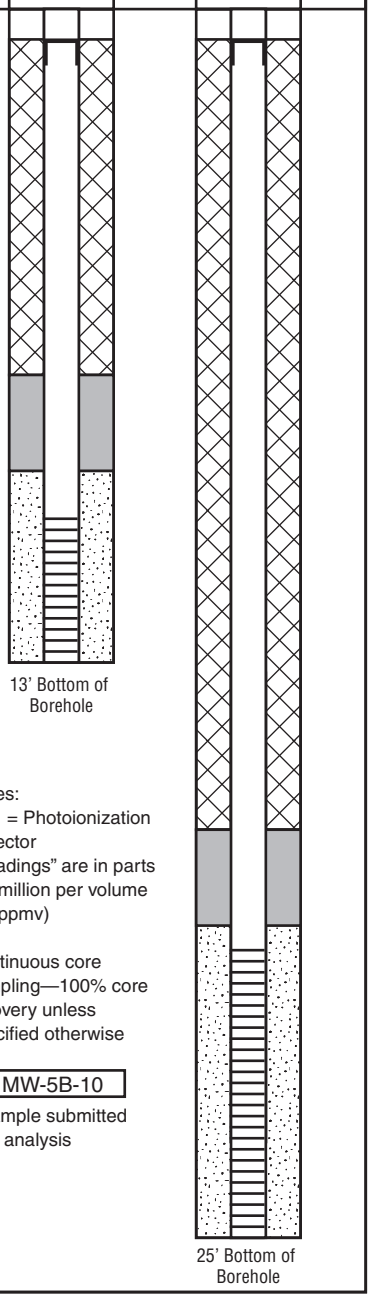
Soil Boring and Well Construction Log

BORING NUMBER MW-5A/B Page 1 of 1

PROJECT Former Modern Mail Facility
OWNER Mr. Lawrence Wadler
LOCATION 2836 Union St., Oakland, CA
PROJECT NUMBER 2005-65
TOTAL DEPTH 25 feet bgs
BOREHOLE DIA. 2.5 inches
SURFACE ELEV. ~17 feet amsl
WATER ENCOUNTERED Not encountered
DRILLING COMPANY RSI
DRILLING METHOD Geoprobe
DRILLER Jose
GEOLOGIST H. Pietropaoli
DATE DRILLED 9/26/2006

DEPTH (feet)	GRAPHIC LOG	PID	DESCRIPTION/SOIL CLASSIFICATION
0			5 inches concrete
			CL, dark brown clay, stiff, medium plastic, damp
		0.0	
5			CL, grades into yellowish green clay, med. stiff, plastic, fuel odor
		22.4	
	MW-5B-8.5		SC-GC, poorly sorted gravel, angular clasts, moist, fuel odor
10		24.0	
			CL, green gray clay, stiff, plastic
15	MW-5B-15	0.4	
		0.0	
			CL, as above
20		3.2	CL, becomes greenish yellow
	MW-5B-21.5		
	MW-5B-24	5.2	CL, as above, with increase in silt downward
25			

WELL CONSTRUCTION



Notes:
PID = Photoionization Detector
"Readings" are in parts per million per volume air (ppmv)

Continuous core sampling—100% core recovery unless specified otherwise

MW-5B-10
Sample submitted for analysis

Well Construction Legend:
- 1.5" PVC screen (0.010-in. slots)
- Hydrated bentonite pellets
- #2/12 Monterey Sand
- Portland cement & water grout
- Flush-mount well box

2005-65-40

APPENDIX E

Department of Water Resources
Well Completion Report

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX F

Groundwater Monitoring and Sampling Field Report

WELLHEAD INSPECTION CHECKLIST

Date 10/5/06 Client STELLAR

Site Address 2836 Union St. Oakland CA

Job Number 060005-DR1 Technician DR

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-4A	V							
MW-4B	X							
MW-3A	V							
MW-3B	X							
MW-1A	V							
MW-1B	V							
MW-2A	X							
MW-2B	V							
MW-5A	X							
MW-5B	X							

NOTES:

WELL GAUGING DATA

Project # 061005-DR1 Date 10/5/06 Client Stellar

Site 2836 Union St. Oakland CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-4A	911	3/4"					9.74	12.14		
MW-4B	907	3/4 in					6.63	24.29		
MW-3A	912	3/4"					Dry	12.95		
MW-3B	917	3/4"					7.34	25.05		
MW-1A	925	3/4"					Dry	12.45		
MW-1B	922	3/4"					7.44	22.49		
MW-2A	935	3/4"					7.95	12.75		
MW-2B	941	3/4					7.90	24.60		
MW-5A	932	3/4"					9.60	12.48		
MW-5B	929	3/4"					9.07	25.33	↓	

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Skellar @ 2836 Union				PROJECT NUMBER 061005-PR1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron L Ultrameter	607200	10/5/06 0900	7.00 10.00 4.00	7.00 10.00 4.00	Y	16.9°c	[illegible]
Hach Turbidimeter	04100038120	10/5/06 0910	5.37 48.4 483	5 52 478	Y	—	[illegible]

3885 X 1.06

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-1A	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 12.95 After 12.95	Depth to Water: Before Dry After —
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} /231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

.02

_____	X	N/A	=	_____
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump _____

Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
∴ Well is dry. No development or sampling.						
Did Well Dewater?	If yes, note above.			Gallons Actually Evacuated:		

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-1B	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 22.49 After 22.52	Depth to Water: Before 7.44 After 10.36
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF): {12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

.02

80% = 10.495

1139	X	10	=	11,390 gallons ml
1 Case Volume		Specified Volumes		

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump: Masterflex Peri-Pump — Sampling Method: ½ bailer
Other equipment used: ½" tubing

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1139	66.0	7.2	1183	>1000	1139 ml	Orange / cloudy
1142	66.0	7.1	1281	>1000	2278	"
1145	65.7	7.0	1253	>1000	3417	"
1147	65.4	7.0	1197	>1000	4556	"
⊘ well	dewatered	@	4600 ml			DTW = 21.82
1152	65.3	7.0	1139	>1000	5695	"
1155	65.3	7.0	1121	>1000	6834	"
1158	65.2	7.0	1122	>1000	7973	"
1201	65.2	7.0	1111	>1000	9112	"
1203	65.1	7.0	1109	780	10251	clearing
⊘ well	dewatered	@ 10300 ml				DTW = 21.80
1208	65.2	7.1	1091	290	11390	"

Did Well Dewater? Yes — If yes, note above.
Gallons Actually Evacuated: 11390

MW-1B — Time of Sample: 1218 — Analyses: See MW-5B Sheet — DTW = 10.36

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-2A	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 12.75 After 12.77	Depth to Water: Before 7.93 After 8.80
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

.02

80% = 8.89

365	X	16	=	3,650
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump: Master Flex Peri-Pump
Other equipment used: 1/2" tubing

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1353	68.6	7.5	726	391	365 ml	light cloudy
1355	69.9	7.3	735	242	730	"
1357	70.5	7.2	737	167	1095	"
1359	70.9	7.2	738	112	1460	clear
1401	70.8	7.2	736	103	1826	"
1403	70.7	7.2	734	93	2190	"
1405	70.8	7.2	733	77	2555	"
1407	70.8	7.2	735	61	2,920	"
1409	70.7	7.2	734	53	3,285	"
1411	70.7	7.2	731	51	3,650	"

Did Well Dewater? No — If yes, note above. — ~~Gallons~~ ml Actually Evacuated: 3,650 ml

MW-2A — Time of sample: 1423 — Analyses: See MW-5B sheet — DTW = 8.80

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-2R	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 24.60 After 24.60	Depth to Water: Before 7.90 After 24.55
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

.02

1264	X	10	=	12,640
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump: Masterflex Peri-Pump
Other equipment used: 1/2" tubing
Sampling Method = 1/2" bailer

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1431	70.7	7.6	892	>1000	1264 ml	cloudy
1435	70.6	7.6	1912	>1000	2528	"
1439	70.1	7.6	1513	>1000	3792	"
* well	dewatered	at	3800ml			
* Well	completely	dewatered at	well not	recharge.	Unable to purge	
of	sample	dry more	water.			

Did Well Dewater? Y | If yes, note above. | ~~Gallons Actually~~ Evacuated: 3800 ml

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-3A	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 12.95 After 12.95	Depth to Water: Before Dry After —
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

.02

1 Case Volume	X	N/A Specified Volumes	=	gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
※ Well is dry. No development or sampling.						
Did Well Dewater?		If yes, note above.		Gallons Actually Evacuated:		

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-3B	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 25.05 After 25.08	Depth to Water: Before 7.32 After 9.97
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

.02

80% = 10.88

1341	X	10	=	13,410
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump: Masterflex Peri-Pump — Sampling method: 1 1/2" bailer
Other equipment used: 1/2" tubing

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1305	63.8	6.9	919	>1000	1341 ml	cloudy
1307	63.6	6.9	913	>1000	2682	"
1309	63.6	6.9	906	>1000	4023	"
1311	63.6	6.9	904	>1000	5364	"
1313	63.6	6.9	899	932	6705	clearing
1315	63.5	6.9	897	781	8046	"
1317	63.5	6.9	892	412	9387	"
1319	63.5	6.9	888	310	10,728	"
1321	63.4	6.9	872	198	12,069	light cloudy
1323	63.4	6.9	871	107	13,410	"

Did Well Dewater? No — If yes, note above. — ml ~~Gallons~~ Actually Evacuated: 13410

MW-3B — Time of Sample: 1343 — Analysis: See MW-5B sheet — DTW = 9.97

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-9A	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 12.14 After 12.15	Depth to Water: Before 9.72 After —
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} / 231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

.02

80% = 10.22

182	X	10	=	1820
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ❑ Bailer
- ❑ Suction Pump
- ❑ Electric Submersible
- ❑ Positive Air Displacement

Type of Installed Pump: Masterflex Peri-Pump

Other equipment used: 1/2" tubing

TIME	TEMP (F)	pH	Cond. (mS or (uS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1224	68.9	7.0	1293	>1000	182 ml	cloudy
1225	68.8	7.1	1347	>1000	364	"
1226	68.8	7.4	1380	>1000	546	
* well dewatered at			800 ml			DTW = 12.13
* Checked on well throughout the day. Water level never recharged.						
Unable to purge or sample any water after purge.						

Did Well Dewater? Yes	If yes, note above.	~~Gallons~~ Actually Evacuated:	800 ml

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-4B	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 24.29 After 24.32	Depth to Water: Before 6.63 After 7.29
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF): {12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

.02

80% = 10.1L

1337	X	10	=	13,370
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump: Masterflex Peri-Pump Sampling Method = 1/2 bailer
Other equipment used: 1/2" tubing

TIME	TEMP (F)	pH	Cond. (mS or ~~uS~~)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1227	66.9	7.1	1145	>1000	1337	cloudy
1229	65.7	6.9	1012	>1000	2674	"
1230	65.2	6.9	962	>1,000	4011	"
1231	65.1	6.9	951	>1000	5348	"
1232	64.9	6.9	932	>1000	6685	clearing
1233	64.8	6.9	918	912	8022	"
1234	64.8	6.9	904	780	9359	"
1235	64.7	6.9	896	412	10,696	light cloudy
1236	64.7	6.9	890	381	12,033	"
1237	64.8	6.9	882	195	13,370	"

Did Well Dewater? No If yes, note above. ~~Gallons~~ ml Actually Evacuated: 13,370

MW-4B Time of Sample 1245 Analyses See MW-5B sheet DTW = 7.29

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-5A	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth: Before 12.48 After 12.48	Depth to Water: Before 9.60 After 12.46
Reason not developed:	If Free Product, thickness:
Additional Notations: Well dewatered and never recharged.	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

.02

227.1 ml	X	10	=	2,271 ml
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ❑ Bailer
- ❑ Suction Pump
- ❑ Electric Submersible
- ❑ Positive Air Displacement

Type of Installed Pump: MasterFlex Peri Pump
Other equipment used: 1/4 tubing

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1023	66.1	6.1	1410	>1000	227 ml	cloudy
1025	66.0	6.6	1426	>1000	454	
1027	66.3	7.1	1413	>1000	681	
1029	66.5	7.7	1405	>1000	908	
1031	66.7	7.8	1407	>1000	1135	
* well dewatered @			1200 ml.			DTW = 12.47
* Checked several times throughout day. Water never recharged.						
Unable to purge or Sample any water after 1st Purge.						

Did Well Dewater? Yes — If yes, note above.
Gallons (ml) Actually Evacuated: 1200 ml

WELL DEVELOPMENT DATA SHEET

Project #: 061005-DR1	Client: Stellar
Developer: DR	Date Developed: 10/5/06
Well I.D. MW-5B	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 25.33 After 25.34	Depth to Water: Before 9.07 After 12.30
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

.02

1231 ml	X	10	=	12,310
1 Case Volume		Specified Volumes		~~gallons~~ ml

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump: Masterflex Peri Pump Sampling Method = 1/2 bailer
Other equipment used: 1/2 tubing

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1039	64.5	7.1	1155	>1000	1231 ml	Gray / odor
1042	64.7	7.1	1071	>1000	2462	"
1045	64.8	7.2	1063	>1000	3693	"
* well dewatered at			3700 ml			DTW = 24.95
1053	64.7	7.2	1095	>1000	4924	"
1056	64.8	7.1	1081	>1000	6155	"
1059	65.0	7.1	1072	>1000	7386	"
* well dewatered at			7400 ml			DTW = 24.77
1109	65.0	7.2	1083	>1000	8617	"
1112	65.0	7.2	1068	>1000	9848	"
1115	65.1	7.2	1053	>1000	11079	"
1118	65.1	7.2	1051	>1000	12310	"

Did Well Dewater? Yes If yes, note above. ~~Gallons~~ ml Actually Evacuated: 12310

MW-5B Time of Sample 1135 Analytes DTW = 12.30

TPH-G oxys
BTEX Lead Scavengers
MTBE Ethanol

APPENDIX G

SES Groundwater Standard Sampling Protocols

APPENDIX G:
SES GROUNDWATER STANDARD SAMPLING PROTOCOLS

SAMPLING AND ANALYSIS PERSONNEL

Sampling and analysis is conducted by Blaine Tech Services, a subcontractor to SES, which uses appropriately trained personnel to perform the water level measurements, sampling, and analyses of key natural attenuation indicators.

SUMMARY OF SAMPLING PROCEDURES

Activities that will occur during groundwater sampling are summarized as follows:

- Pre-arrangement with testing laboratory
- Assembly and preparation of equipment and supplies
- Groundwater sampling
  - water-level measurements
  - immiscible material measurements (with an interface probe, if applicable)
  - visual inspection of borehole water
  - well bore evacuation
  - sampling
- Sample preservation and shipment
  - sample preparation
  - onsite measurement of parameters using direct read instruments
  - sample labeling
- Completion of sample records
- Completion of chain-of-custody records
- Samples placed in chilled cooler
- Sample shipment

Detailed sampling and analysis procedures are presented in the following sections.

ARRANGEMENTS WITH ANALYTICAL LABORATORY

Prior to sampling, arrangements will be made with an analytical laboratory to conduct the sample analyses. Samples will be analyzed by Curtis and Tompkins, Ltd. (C&T), an analytical laboratory in Berkeley, California. C&T has the required Department of Toxic Substances Control (DTSC) certification to perform the analyses, and will provide a sufficient number of sample containers for the wells to be sampled and the blanks to be included. C&T will determine the proper type and size for the containers based on the analyses requested. For samples requiring chemical preservation, preservatives will be added to containers by the C&T prior to shipping containers to the facility. Shipping containers (ice chests with adequate container padding) will be sent to the facility with the sample containers.

PREPARATION FOR SAMPLING

Prior to the sampling episode, equipment to be used will be assembled and its operating condition verified, calibrated (if required), and properly cleaned (if required). In addition, all record-keeping materials will be prepared.

Equipment Calibration

Where appropriate, equipment will be calibrated according to the manufacturer's specifications prior to field use. This applies to the equipment for making onsite chemical measurements of pH, conductivity, water temperature, and photoionization detector (PID).

Equipment Cleaning

Portions of sampling and test equipment that will come into contact with the sample will be thoroughly cleaned before use. Such equipment includes water-level probe, bailers, lifting line, and other equipment or portions thereof which may be immersed. The procedure for cleaning non-dedicated equipment is as follows:

- Clean with potable water and phosphate-free detergent;
- Rinse with potable water;
- Rinse with distilled or deionized water; and
- Air dry the equipment prior to use.

Any deviations from these procedures will be documented in the permanent record of the sampling event.

Laboratory-supplied sample containers will be cleaned and sealed by the laboratory before shipping. The type of container provided and the method of container cleaning should be in the laboratory's permanent record of the sampling event.

Sampling equipment to be disposed of after use will be cleaned with potable water and phosphate-free detergent before disposal as solid waste. Rinse water will be stored in properly labeled 55-gallon drums for proper disposal, pending receipt of laboratory results of groundwater and soil sample analyses with assistance from SES.

SAMPLING PROCEDURES

Special care will be exercised to prevent contamination of the groundwater and extracted samples during the sampling activities. Contamination of a sample can occur through contact with improperly cleaned equipment. Cross-contamination of the groundwater can occur through insufficient cleaning of equipment between wells. Pre-cleaned disposable sampling equipment will be rinsed with distilled water prior to use. Sampling equipment and sample containers will be thoroughly cleaned before and after field use and between uses at different sampling locations according to the procedures discussed above. In addition to the use of properly cleaned equipment, two further precautions will be taken:

- A new pair of clean, disposable latex (or similar) gloves will be worn each time a different well is sampled.
- Sample collection activities will progress from the least affected (upgradient) area to the most affected (downgradient) area. Wells described as "background" or "upgradient" wells will be sampled first.

The following paragraphs present procedures for the several activities that comprise groundwater sample acquisition. These activities will be performed in the same order as presented below. Exceptions to this procedure will be noted in the permanent sampling record.

Preparation of Location

Prior to starting the sampling procedure, the area around the well will be cleared of foreign materials, such as brush, rocks, debris, etc. A clean (new) disposable plastic sheet will be placed around the well casing so that the sheet is flat on the ground. The sheet will be placed such that the flush-mount well projects through the center of the sheet. This preparation will prevent sampling equipment from inadvertently contacting the ground or exterior parts of the well.

Water-Level Measurement

The first sampling operation will be water-level measurement. An electrical probe or a weighted tape will be used to measure the depth to groundwater below the datum to the nearest 0.01 foot.

The datum, usually the top of the inner casing (inside and below the protective steel cover), will be described in the monitoring well records. A permanent mark or scribe will be marked on the inner casing.

If the wells to be sampled are closely spaced, the water levels at all of the closely-spaced wells will be measured before any of the wells are evacuated. The water-level probe or weighted tape will be cleaned with phosphate-free detergent in distilled water and with a distilled water rinse between usage at different wells.

Total Depth Measurement

Once the water level and immiscible material thickness is measured and recorded, the water-level probe or weighted tape will be slowly lowered to the bottom of the well. The depth to the bottom will be measured and recorded. The probe or tape will then be slowly withdrawn from the well. The bottom of the probe or tape will be observed after withdrawal to determine any evidence of viscous, heavy contaminants. Descriptions (and measurements, if possible) of such materials will be made from observation of the probe or tape.

Visual Inspection of Well Water

Prior to well evacuation, a small quantity of water will be removed with a bailer that is not completely immersed. The recovered sample is representative of the top of the water column in the well casing. If immiscible materials are present as measured by the interface probe at the top of the water column, this technique can allow their detection. The water will be observed for the presence of any floating films or other indications of immiscible materials. Any sample odors will be noted. Observations regarding odor or visual evidence of immiscible materials will be recorded in the sampling record.

The well water sample will be discarded unless the site-specific protocol calls for retention of this sample. The sample will be placed in a labeled container for proper disposal.

Well Bore Evacuation

Water contained within and adjacent to the well casing can potentially reflect chemical interaction with the atmosphere (by diffusion of gases down the casing) or the well construction materials (through prolonged residence adjacent to the casing).

Observations of this water will be recorded during removal and prior to it being discarded. Onsite parameter measurements of the purged water, as described in this section, will indicate when water-quality parameters have stabilized, and also will be recorded.

The volume of water contained within the well bore at the time of sampling will be calculated, and 4 times the calculated water volume will be removed from the well and discarded. A bailer will be used for well evacuation. The volume of water to be evacuated will be calculated as follows:

Number of Bailers:

$$\text{Number of bailers} = 4 \times \frac{\text{Volume of water in well (Vw)}}{\text{Volume of bailer (Vb)}}$$

Volume of Water in Well:

$$Vw = \frac{3.142 \times dw^2 \times Lw}{4}$$

where: Vw = water volume in well (ft^3)
dw = inside diameter of well (ft)
Lw = length of water column in well (ft)

Volume of Water in Full Bailer:

$$Vb = \frac{3.142 \times db2 \times Lb}{4}$$

where: Vb = water volume in bailer (ft^3)
db = inside diameter of bailer (ft)
Lb = length of bailer (ft)

Wells that can be evacuated to a dry state will be evacuated completely; samples will be taken as soon as sufficient water for sampling is present. Sample compositing—sampling over a lengthy

period by accumulating small volumes of water at different times to eventually obtain a sample of sufficient volume—will not be conducted.

Water produced during well evacuation will be contained in a suitable container and temporarily stored onsite pending proper disposal.

Some chemical and physical parameters in water can change significantly within a short time of sample acquisition. The following parameters cannot be accurately measured in a laboratory located more than a few hours from the facility, and will be measured onsite with portable equipment:

- pH
- Specific conductance
- Temperature
- Turbidity units

These parameters will be measured in unfiltered, unpreserved, "fresh" water, using the same sampling technique as for laboratory analyses. The measurements will be made in a clean glass container separate from those intended for laboratory analyses. The tested sample will be discarded after use. The measured values will be recorded in the sampling record.

Natural Attenuation Field Measurements

In addition to the meter reading above, following the indicators that groundwater has been purged sufficiently to represent water within the water bearing materials, natural attenuation parameters were measured by the Blaine Tech sampling personnel. These include meter readings for:

- Oxidation reduction potential;
- Dissolved oxygen; and
- Dissolved ferrous iron.

Sample Extraction

Natural attenuation parameters are measured before the water is purged and sampled. Care will be taken during insertion of sampling equipment to prevent undue disturbance of water in the well.

The pump or bailer will be lowered into the water gently to prevent splashing, and extracted gently to prevent creation of an excessive vacuum in the well. The sample will be transferred directly into the appropriate container. While pouring water from a bailer, the water will be

carefully poured down the inside of the sample bottle to prevent significant aeration of the sample. Unless other instructions are given by the analytical laboratory, the sample containers will be completely filled so that no air space remains in the container. Excess water taken during sampling will be placed in a container for proper disposal.

SAMPLE HANDLING

Sample Preservation

Water samples will be properly prepared for transportation to the laboratory by refrigeration and chemical preservation, as necessary. The laboratory providing sample containers will add any necessary chemical preservatives to the sealed containers provided prior to shipment.

Container and Labels

Glass containers and appropriate container lids will be provided by the laboratory. The containers will be filled and container lids tightly closed. Sample container lids will be sealed so as to make obvious any seal tampered with or broken. The label will be firmly attached to the container side (rather than the lid). The following information will be written with permanent marker on the label:

- Facility name;
- Sample identification;
- Sample type (groundwater, surface water, etc.);
- Sampling date;
- Sampling time; and
- Preservatives added, and sample collector's initials.

Sample Shipment

In most instances, the concentration and type of compounds present in the groundwater are considered by the U.S. Department of Transportation to be non-hazardous. Thus, the following packaging and labeling requirements for the sample materials are appropriate for shipping the sample to the testing laboratory:

- Package sample so that is does not leak, spill, or vaporize from its packaging
- Label package with:
  - sample collector's name, address, and telephone number
  - laboratory's name, address, and telephone number

- description of sample
- quantity of sample
- date of shipment

To comply with packaging regulations and prevent damage to expensive groundwater samples, SES will follow packaging and shipping instructions supplied by the certified testing laboratory.

Chain-of-Custody Control

After samples are obtained, chain-of-custody procedures will be followed to establish a written record concerning sample movement between the sampling site and the testing laboratory. Each shipping container will contain a chain-of-custody form to be completed by the sampling personnel packing the samples. The chain-of-custody form for each container will be completed in triplicate. One copy of this form will be maintained at the site; the other two copies will remain at the laboratory. One of the laboratory copies will become a part of the permanent record for the sample and will be returned with the sample analyses.

The record will contain the following minimum information:

- Collector's sample number
- Signature of collector
- Date and time of collection
- Place and address of collection
- Material type
- Preservatives added
- Analyses requested
- Signatures involved in the chain of possession
- Inclusive dates of possession

The shipping container will be sealed so as to make obvious any seal tampered with or broken. The chain-of-custody documentation will be placed inside the container so that it is immediately apparent to the laboratory personnel receiving the container, but could not be damaged or lost during shipping.

SAMPLING RECORDS

To provide complete documentation of sampling, detailed records containing the following information will be maintained during sampling:

- Sample location (facility name)
- Sample identification (name and sample number)
- Sample location map or detailed sketch
- Date and time of sampling
- Sampling method
- Field observations of sample appearance and odor
- Weather conditions
- Samples identification
- Any other significant information

APPENDIX H

GeoTracker Certified Groundwater Monitoring Well Survey

Virgil Chavez Land Surveying
721 Tuolumne Street
Vallejo, California 94590
(707) 553-2476 • Fax (707) 553-8698

November 7, 2006
Project No.: 2324-05

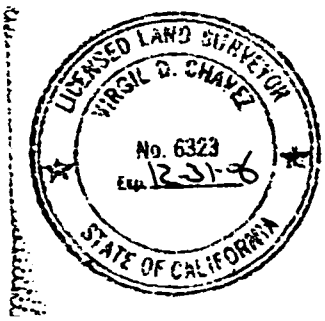
Henry Pietropaoli
Stellar Environmental
2198 Sixth Street, Ste. 201
Berkeley, Ca 94710

Subject: Monitoring Well Survey
2836 Union Street.
Oakland, Ca

Dear Henry:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on October 30, 2006. The benchmark for this survey was a Cal Trans control point no. AB 1041, being a set PK Nail & Cal Trans Shiner near centerline of Goss between Wood & Willow Sts.. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).
Benchmark Elevation = 12.03 feet (NGVD 29).

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				12.52	RIM MW-1A
37.8214421	-122.2839560	2126478.63	6046418.73	12.25	TOC MW-1A
				12.48	RIM MW-1B
37.8214449	-122.2839680	2126479.72	6046415.28	12.05	TOC MW-1B
				13.06	RIM MW-2A
37.8213894	-122.2838045	2126458.63	6046462.11	12.82	TOC MW-2A
				13.16	RIM MW-2B
37.8213867	-122.2837923	2126457.58	6046465.62	12.96	TOC MW-2B
				11.76	RIM MW-3A
37.8215496	-122.2840322	2126518.19	6046397.46	11.59	TOC MW-3A
				12.10	RIM MW-3B
37.8215467	-122.2840217	2126517.10	6046400.47	11.95	TOC MW-3B
				11.25	RIM MW-4A
37.8214887	-122.2841333	2126496.60	6046367.85	11.02	TOC MW-4A
				11.25	RIM MW-4B
37.8214807	-122.2841360	2126493.70	6046367.02	11.04	TOC MW-4B
				12.56	RIM MW-5A
37.8213632	-122.2839698	2126450.00	6046414.20	12.42	TOC MW-5A
				12.57	RIM MW-5B
37.8213550	-122.2839732	2126447.02	6046413.15	12.38	TOC MW-5B



Sincerely,

Virgil D. Chavez, PLS 6323

APPENDIX I

Soil and Groundwater Waste Profiling and Disposal Documentation

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Former Mail Service Facility

MAILING ADDRESS: 2525 Mandel Parkway

CITY, STATE, ZIP: Oakland, CA 94607

PHONE: 800-400-7874

CONTACT PERSON: Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] DATE: 10/1/[illegible]

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.: #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY:

TRANSPORTER: Manley & Sons Trucking, Inc Contreras Trucking

ADDRESS: 8896 Elder Creek Rd 2641 Paushell Ct.

CITY, STATE, ZIP: Sacramento, CA 95828 Modesto CA. 95356

PHONE: (916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] DATE: 10/1/06

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
6M96311	1115

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	☒

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

[signature]

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE: 10-13-06

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	X	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443367

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

74800
74700

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Former Mail Service Facility

MAILING ADDRESS: 2525 Mandel Parkway

CITY, STATE, ZIP: Oakland, CA 94607

PHONE: 800-400-7874

CONTACT PERSON: Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO. – #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: ~~Manley & Sons Trucking, Inc~~ BK BOBCAT

ADDRESS: ~~8896 Elder Creek Rd~~ 465 CONVENTION CENTER

CITY, STATE, ZIP: Sacramento, CA 95828 REDWOOD CITY CA 94063

PHONE: (916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] 415 ~~594~~ 599-4743 | DATE:

NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
	CA 9A99197	01

END DUMP	BOTTOM DUMP	TRANSFER	
☐	☐	☐	
ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

[signature]

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL	X	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 10-13-06

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443365

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
— #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
~~Manley & Sons Trucking, Inc.~~ Dirty Mary's

ADDRESS
8896 Elder Creek Rd P.O. Box 1511 San Leandro CA

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-8864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER
| Dirty 1 | Dirty 1

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443364

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

WASTE ACCEPTANCE NO.
— #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE

GENERATING FACILITY
2836 Union Street Oakland, CA

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc

ADDRESS
8896 Elder Creek Rd

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER
7P15413 | 728
P. Sanchez Trucking

END DUMP ❑ BOTTOM DUMP ❑ TRANSFER ☒
ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
* 10-13-06

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	✓	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443366

☑ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Former Mail Service Facility

MAILING ADDRESS: 2525 Mandel Parkway

CITY, STATE, ZIP: Oakland, CA 94607

PHONE: 800-400-7874

CONTACT PERSON: Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE: 10/13/[illegible]

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.

— #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Manley & Sons Trucking, Inc

ADDRESS: 8896 Elder Creek Rd

CITY, STATE, ZIP: Sacramento, CA 95828

PHONE: (916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] | DATE: 10/[illegible]

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
2M49[illegible]	10

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 10/[illegible]

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443357

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc.

ADDRESS
8896 Elder Creek Rd.

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
6M21695	24

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

65300

GENERATOR: Former Mail Service Facility

MAILING ADDRESS: 2525 Mandel Parkway

CITY, STATE, ZIP: Oakland, CA 94607

PHONE: 800-400-7874

CONTACT PERSON: Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE: * Raul Sanchez

DATE:

WASTE ACCEPTANCE NO.

Swic – #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

RECEIVING FACILITY

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE

GENERATING FACILITY: 2836 Union Street Oakland, CA

TRANSPORTER: Manley & Sons Trucking, inc.

ADDRESS: 8896 Elder Creek Rd

CITY, STATE, ZIP: Sacramento, CA 95828

PHONE: (916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Henry Portugal

DATE: 10/16/06

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7F19443	128

R. Sanchez trucking

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑ ✓

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CUBIC YARDS: 18 cy

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: *

DATE: 10-13-06

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL	X	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

64300

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
Swic – #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc

ADDRESS
8896 Elder Creek Rd

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP ❑ | BOTTOM DUMP ❑ | TRANSFER ❑

ROLL-OFF(S) ❑ | FLAT-BED ❑ | VAN ❑ | DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
* 10-13-06

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL	X	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443355

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

21340

GENERATOR: Former Mail Service Facility

MAILING ADDRESS: 2525 Mandel Parkway

CITY, STATE, ZIP: Oakland, CA 94607

PHONE: 800-400-7874

CONTACT PERSON: Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE: * Hey Prefontaine

DATE: 10/6/06

WASTE ACCEPTANCE NO.

– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE

GENERATING FACILITY: 2836 Union Street Oakland, CA

RECEIVING FACILITY

TRANSPORTER: Manley & Sons Trucking, Inc

ADDRESS: 8896 Elder Creek Rd

CITY, STATE, ZIP: Sacramento, CA 95828

PHONE: (916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *

DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER

END DUMP ❑ BOTTOM DUMP ❑ TRANSFER ❑

ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: *

DATE:

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443353

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
— #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc. Dirty Money

ADDRESS
8896 Elder Creek Rd. P.O. Box 1507

CITY, STATE, ZIP
Sacramento, CA 95828 San Leandro, CA

PHONE
~~(916) 381-8884~~ 510-332-5404

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER
| 1Dirty1 | Dirty 1

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
* 10-13-16

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS	X	
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443368

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST 6-70940

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc

ADDRESS
8896 Elder Creek Rd

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* Lawrence Wadler 10 5 04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9A63809	S-47

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road

☐ **Forward Landfill**
9999 S. Austin Road

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

82200

GENERATOR: Former Mail Service Facility
MAILING ADDRESS: 2525 Mandel Parkway
CITY, STATE, ZIP: Oakland, CA 94607
PHONE: 800-400-7874
CONTACT PERSON: Lawrence Wadler
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]
DATE: 10/6/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Manley & Sons Trucking, Inc.
ADDRESS: 8896 Elder Creek Rd.
CITY, STATE, ZIP: Sacramento, CA 95828
PHONE: (916) 381-6864
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]
DATE: 10-6-06

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
5Z69574	41.15

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443347

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST 74700

GENERATOR: Former Mail Service Facility
MAILING ADDRESS: 2525 Mandel Parkway
CITY, STATE, ZIP: Oakland, CA 94607
PHONE: 800-400-7874
CONTACT PERSON: Lawrence Wadler
SIGNATURE OF AUTHORIZED AGENT / TITLE: * Harry Price Lynch
DATE: 10/6/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2135612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Manley & Sons Trucking, Inc
ADDRESS: 8896 Elder Creek Rd
CITY, STATE, ZIP: Sacramento, CA 95828
PHONE: (916) 381-6864
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Adam Phillips
DATE: 10/6/06

NOTES: VEHICLE LICENSE NUMBER: 4B89080 TRUCK NUMBER: CPT 66
* Cory Phillips Trucking

END DUMP ❑ BOTTOM DUMP ❑ TRANSFER ❑
ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: *
DATE

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL	✓	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443371

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
* Henry Proctor | 10/6/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc. F/K/A BOBCAT

ADDRESS
8896 Elder Creek Rd

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* | 10/6/06

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9C35939	9H

BKB94

END DUMP	BOTTOM DUMP	TRANSFER
☒	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443354

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

WASTE ACCEPTANCE NO.
SWIC - #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE

GENERATING FACILITY
2836 Union Street Oakland, CA

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc.

ADDRESS
8896 Elder Creek Rd

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER: 9H 63809 | TRUCK NUMBER: 517

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
* 10-6-06

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443370

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Former Mail Service Facility
MAILING ADDRESS: 2525 Mandel Parkway
CITY, STATE, ZIP: Oakland, CA 94607
PHONE: 800-400-7874
CONTACT PERSON: Lawrence Wadler
SIGNATURE OF AUTHORIZED AGENT / TITLE: * Henry Pietropoli
DATE: 10/6/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Manley & Sons Trucking, Inc.
ADDRESS: 8896 Elder Creek Rd
CITY, STATE, ZIP: Sacramento, CA 95828
PHONE: (916) 381-6864
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Kevin Phillips
DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
898050	66

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:
FACILITY TICKET NUMBER:
SIGNATURE OF AUTHORIZED AGENT: * Kevin Phillips
DATE: 10/6/06

CUBIC YARDS: 18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL	✓	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443350

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | **DATE**
* [signature] | 10/6/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Manley & Sons Trucking, Inc.

ADDRESS
8896 Elder Creek Rd.

CITY, STATE, ZIP
Sacramento, CA 95828

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | **DATE**
* [signature] | 10-6-06

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
5Z69594	11-15

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | **DATE**
* [signature] | 10-6-06

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443348

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Former Mail Service Facility

MAILING ADDRESS: 2525 Mandel Parkway

CITY, STATE, ZIP: Oakland, CA 94607

PHONE: 800-400-7874

CONTACT PERSON: Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

GENERATING FACILITY: 2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.

– #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Manley & Sons Trucking, Inc. Toor Trucking

ADDRESS: 8896 Elder Creek Rd 2492 Shadelady

CITY, STATE, ZIP: Sacramento, CA 95828 Union City

PHONE: (916) 381-6864 650-343-5414

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
6M21698	24

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS: 18 cy 20

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL	20	
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443363

☒ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

4432

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Former Mail Service Facility

MAILING ADDRESS
2525 Mandel Parkway

CITY, STATE, ZIP
Oakland, CA 94607

PHONE
800-400-7874

CONTACT PERSON
Lawrence Wadler

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] DATE: 10/6/06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
2836 Union Street Oakland, CA

WASTE ACCEPTANCE NO.
SWIU - #2125612415

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
~~Manley & Sons Trucking, Inc~~ Contreras Trucking

ADDRESS
~~8896 Elder Creek Rd~~ 2204 Bay Shelley

CITY, STATE, ZIP
~~Sacramento, CA 95828~~ Modesto CA. 95356

PHONE
(916) 381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
GM96311	1115

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☒

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE:

CUBIC YARDS
18 cy

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	X	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 443352

ALLIED WAUSTE

GENERATOR WASTE PROFILE SHEET (continued)

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Soil	100%
2.	
3.	
4.	
5.	

Color	Odor (describe)	Free Liquids ☐ YES or ☒ NO	% Solids	pH:	Flash Point	Phenol
grey-brown	slight petroleum odor	Content _____%	99	4-8	≥ 140 ☐F	_____ppm

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and it epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ Yes or ☒ No
Does this waste or generating process cause it to exceed OSHA exposure limits from high levels of Hydrogen Sulfide or Hydrogen Cyanide as defined in 40 CFR 261.23?	☐ Yes or ☒ No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ Yes or ☒ No
Does this waste contain regulated concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ Yes or ☒ No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ Yes or ☒ No
Is this a regulated Toxic Material as defined by Federal and/or State regulations?	☐ Yes or ☒ No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ Yes or ☒ No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ Yes or ☒ No
Is this waste generated at a Federal Superfund Clean Up Site?	☐ Yes or ☒ No

VI. Generator Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Allied Waste.

Richard Makdisi - Principal
Authorized Representative Name And Title (Printed)

Stellar Environmental Solutions, Inc.
Company Name

Authorized Representative Signature

October 4, 2006
Date

VII. Allied Waste Decision

☐ Approved ☐ Rejected Expiration: _____

Conditions:

_____ _____ _____
Name, Title Signature Date

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65		
Matrix:	Soil	Sampled:	10/06/06
Basis:	as received	Received:	10/06/06
Batch#:	118316	Analyzed:	10/11/06

Field ID: STOCKPILE COMP 2 — Lab ID: 189933-002
Type: SAMPLE — Diln Fac: 50.00

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	840 H	50	mg/Kg	EPA 8015B
Benzene	ND	250	ug/Kg	EPA 8021B
Toluene	ND	250	ug/Kg	EPA 8021B
Ethylbenzene	5,000	250	ug/Kg	EPA 8021B
m,p-Xylenes	11,000	250	ug/Kg	EPA 8021B
o-Xylene	3,800	250	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	115	62-137	EPA 8015B
Bromofluorobenzene (FID)	168 *	60-148	EPA 8015B
Trifluorotoluene (PID)	94	66-127	EPA 8021B
Bromofluorobenzene (PID)	102	74-127	EPA 8021B

Field ID: W5 — Lab ID: 189933-003
Type: SAMPLE — Diln Fac: 1.000

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	ND	1.1	mg/Kg	EPA 8015B
Benzene	ND	5.3	ug/Kg	EPA 8021B
Toluene	ND	5.3	ug/Kg	EPA 8021B
Ethylbenzene	ND	5.3	ug/Kg	EPA 8021B
m,p-Xylenes	ND	5.3	ug/Kg	EPA 8021B
o-Xylene	ND	5.3	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	96	62-137	EPA 8015B
Bromofluorobenzene (FID)	100	60-148	EPA 8015B
Trifluorotoluene (PID)	80	66-127	EPA 8021B
Bromofluorobenzene (PID)	88	74-127	EPA 8021B

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

ALLIED WASTE

GENERATOR WASTE PROFILE SHEET

Requested Disposal Facility: KellerCanyon and/or Forward Canyon
an Allied Waste Company

Waste Profile #
AWI Sales Rep:
Date: October 4, 2006

I. Generator Information

Generator Name: Former Mail Service Facility			
Generator Site Address: 2836 Union Street			
City: Oakland	County: Alameda	State: CA	Zip: 94608
State ID/Reg No: N/A	State Approval/Waste Code: N/A (if applicable)		SIC Code: N/A
Generator Mailing Address (if different): 2525 Mandel Parkway			
City: Oakland	County: Alameda	State: CA	Zip: 94607
Generator Contact Name: Mr. Lawrence Wadler			
Phone Number: 800-400-7874		Fax Number: 510-444-5418	

IIa. Transporter Information

Transporter Name:		Contact Name:	
Transporter Address:			
City:	County:	State:	Zip:
Phone Number:	Fax Number:	State Transportation Number:	

IIb. Billing Information

Bill To: Speelman Excavation		Contact Name: Harold Speelman	
Billing Address: 1648 Fairway Oaks Court			Fax: 209-599-1657
City: Ripon	State: CA	Zip: 95366	Phone Number: 209-599-1656

III. Waste Stream Information

Name of Waste: petroleum-contaminated soil
Process Generating Waste: soil corrective action - excavation to remove residual contaminated soil from a former gasoline underground storage tank.
Type of Waste ☐ INDUSTRIAL PROCESS WASTE or ☒ POLLUTION CONTROL WASTE
Physical State: ☒ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID ☐ OTHER: _____:
Method of Shipment: ☒ BULK ☐ DRUM ☐ BAGGED ☐ OTHER: _____
Estimated Annual Volume: ☒ CUBIC YARDS: 500 ☐ TONS: _____ ☐ GALLONS _____ ☐ OTHER: _____
Frequency: ☒ ONE TIME ☐ DAILY ☐ WEEKLY ☐ MONTHLY ☐ OTHER:
Special Handling Instructions: none

IV. Representative Sample Certification

☐ NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☒ YES or ☐ NO
Sample Date: 10/4/2006	Type of Sample: ☒ COMPOSITE SAMPLE ☐ GRAB SAMPLE
Laboratory: McCampbell Analytical	Sample ID Numbers: Stockpile Comp 1
Sampler's Employer: Stellar Environmental Solutions, Inc.	
Sampler's Name (printed): Henry Pietropaoli	Signature: Henry Pietropaoli

REV 1

Pumped Groundwater

NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. NH 4330

2. Page 1 of 1

3. Generator's Name and Mailing Address LARRY WADLER
2836 UNION ST
OAKLAND CA 94608

4. Generator's Phone (510) 295-3544

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES

6. US EPA ID Number: CAD982413262

A. State Transporter's ID

B. Transporter 1 Phone: 510 795-4400

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

EVERGREEN OIL, INC.
6880 Smith Avenue
Newark, CA 94560

10. US EPA ID Number: CAD980887418

E. State Facility's ID CAD980887418

F. Facility's Phone: 510 795-4400

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste, liquid	001	TT	900	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above: 01

15. Special Handling Instructions and Additional Information

Profile # NON
Do not ingest
Wear protective clothing
In case of emergency call: CHEMTREC 800-424-9300
DOT ERG 171

Invoice: 367471
Sales Order: WOC03879

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Henry Pietropaoli — Signature — Date: Month 10 Day 30 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: CRAIG RACCO — Signature — Date: Month 10 Day 30 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: MICHAEL CARNEY — Signature — Date: Month 10 Day 30 Year 06

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. NH 3877

2. Page 1 of 1

3. Generator's Name and Mailing Address
Larry Wadler
2836 Union St
Oakland Ca 94608

4. Generator's Phone (510) 644-3123

5. Transporter 1 Company Name
EVERGREEN ENVIRONMENTAL SERVICES

6. US EPA ID Number
CAD982413262

A. State Transporter's ID

B. Transporter 1 Phone 510 795-4400

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
EVERGREEN OIL, INC.
6880 Smith Avenue
Newark, CA 94560

10. US EPA ID Number
CAD980887418

E. State Facility's ID

F. Facility's Phone
510 795-4400

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste, liquid	001	TT	4275	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
Billing:
Larry Wadler
~~2198~~ 2198 6th St #201
Berkeley Ca 94710

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Profile # _____
Do not ingest
Wear protective clothing
In case of emergency call: CHEMTREC 800-424-9300
DOT ERG 171

Invoice: 363888
Sales Order: WL0096712

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
Henry Piedrahita	Hen Piedrahita	11 / 22 / 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
Fred Okino	Fred Okino	11 / 22 / 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)

NON-HAZARDOUS WASTE

APPENDIX J

Certified Analytical Laboratory Reports and Chain-of-Custody Documentation

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Stellar Enviormental Solutions 2198 Sixth St. #201 Berkeley, CA 94710	Client Project ID: #2005-65; USTCF Claim No. 018639	Date Sampled: 10/03/06
		Date Received: 10/04/06
	Client Contact: Richard Makdisi	Date Reported: 10/10/06
	Client P.O.:	Date Completed: 12/06/06

WorkOrder: 0610079

December 06, 2006

Dear Richard:

Enclosed are:

1). the results of **2** analyzed samples from your **#2005-65; USTCF Claim No. 018639 project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

Chain of Custody Record

Lab job no. _____
Date _____
Page 1 of 1

Laboratory McCampbell Analytical Inc
Address 1534 Willow Pass Road
Pittsburg, CA 94565-1701
877-252-9262

Project Owner Larry Wadler
Site Address 2836 Union St.
Oakland, CA

Project Name USTCF Claim No. 018639
Project Number 2005-65

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: *(Signature)* Henry Pietropaoli

Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	Analysis Required: BTXE, MTBE, Oxygenates (8260)	Analysis Required: Ethanol (8260)	Analysis Required: TPH-Gas (8015m)	Analysis Required: Lead scavengers (8260)	Remarks
F1	11'	10/3/06	1615	Soil	9 oz glass jar	yes	none		1	X	X	X	X	
F2	11.5'	"	"	"	"	"	"		1	X	X	X	X	

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB ____
PRESERVATION: VOAS | O&G | METALS | OTHER

Relinquished by:	Date	Received by:	Date	Relinquished by:	Date	Received by:	Date
Signature Henry Pietropaoli	10/4/06	Signature [illegible]	10/4	Signature [illegible]	10/6 06	Signature [illegible]	10/4/06
Printed Henry Pietropaoli	Time	Printed [illegible]	Time	Printed [illegible]	Time	Printed _____	Time
Company Stellar Environmental	11:30	Company SES	9:10	Company SES	2:10	Company _____	2:10

Turnaround Time: 5-DAY

Comments: Oxygenates: TAME, ETBE, DIPE, TBA
Lead scavengers: EDB, EDC

Relinquished by:	Date	Received by:	Date
Signature [illegible]	10/4/06	Signature [illegible]	10/4/06
Printed _____	Time	Printed [illegible]	Time
Company _____	5:30	Company MAI	5:30

2000-00-01

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610079 **ClientID: SESB**

☐EDF ☐Fax ☐Email ☐HardCopy ☐ThirdParty

Report to:
Richard Makdisi
Stellar Enviormental Solutions
2198 Sixth St. #201
Berkeley, CA 94710
Email:
TEL: 510-644-3123 FAX: 510-6443859
ProjectNo: #2005-65; USTCF Claim No. 018639
PO:

Bill to:
Accounts Payable
Stellar Enviormental Solutions
2198 Sixth St. #201
Berkeley, CA 94710

Requested TAT: **5 days**

Date Received: **10/04/2006**
Date Printed: **10/04/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610079-001	F1	Soil	10/3/06 4:15:00 PM	☐	A	A										
0610079-002	F2	Soil	10/3/06 4:15:00 PM	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	MBTEXOXY-8260B_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
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Telephone: 877-252-9262 Fax: 925-252-9269

Stellar Enviormental Solutions 2198 Sixth St. #201 Berkeley, CA 94710	Client Project ID: #2005-65; USTCF Claim No. 018639	Date Sampled: 10/03/06
		Date Received: 10/04/06
	Client Contact: Richard Makdisi	Date Extracted: 10/04/06
	Client P.O.:	Date Analyzed 10/05/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0610079

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	F1	S	ND	1	87
002A	F2	S	ND	1	90

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Stellar Enviormental Solutions	Client Project ID: #2005-65; USTCF Claim No. 018639	Date Sampled: 10/03/06
2198 Sixth St. #201		Date Received: 10/04/06
Berkeley, CA 94710	Client Contact: Richard Makdisi	Date Extracted: 10/04/06
	Client P.O.:	Date Analyzed: 10/10/06

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610079

Lab ID	0610079-001A	0610079-002A			Reporting Limit for DF =1	
Client ID	F1	F2				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND			0.005	NA
Benzene	ND	ND			0.005	NA
t-Butyl alcohol (TBA)	ND	ND			0.05	NA
1,2-Dibromoethane (EDB)	ND	ND			0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND			0.005	NA
Diisopropyl ether (DIPE)	ND	ND			0.005	NA
Ethanol	ND	ND			0.25	NA
Ethylbenzene	ND	ND			0.005	NA
Ethyl tert-butyl ether (ETBE)	ND	ND			0.005	NA
Methyl-t-butyl ether (MTBE)	ND	0.0099			0.005	NA
Toluene	ND	ND			0.005	NA
Xylenes	ND	ND			0.005	NA
Surrogate Recoveries (%)						
%SS1:	86	88				
%SS2:	93	97				
%SS3:	87	89				
Comments						

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610079

EPA Method SW8015Cm	Extraction SW5030B	BatchID: 24090	Spiked Sample ID: 0610060-004A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	106	108	2.04	107	104	3.07	70 - 130	30	70 - 130	30
MTBE	ND	0.10	93.6	84.6	10.0	102	102	0	70 - 130	30	70 - 130	30
Benzene	ND	0.10	92.2	93.1	0.879	94.1	92.4	1.81	70 - 130	30	70 - 130	30
Toluene	ND	0.10	84	84.5	0.562	78.8	77.5	1.60	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	94.8	94.5	0.291	94.6	93.3	1.36	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	91.7	91.3	0.364	90	86	4.55	70 - 130	30	70 - 130	30
%SS:	96	0.10	88	78	12.0	96	79	19.4	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24090 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610079-001	10/03/06 4:15 PM	10/04/06	10/05/06 8:13 PM	0610079-002	10/03/06 4:15 PM	10/04/06	10/05/06 8:46 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0610079

EPA Method SW8260B **Extraction SW5030B** **BatchID: 24096** **Spiked Sample ID: 0610129-001B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME	ND	0.050	98.2	102	3.65	99.3	102	2.96	70 - 130	30	70 - 130	30
Benzene	ND	0.050	105	105	0	102	104	2.40	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	85.5	85	0.633	89.8	91.6	2.01	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	102	105	3.04	102	104	2.39	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	106	109	3.23	107	108	1.50	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	117	123	5.14	117	118	1.21	70 - 130	30	70 - 130	30
Toluene	ND	0.050	96.5	95.7	0.919	92.4	95.1	2.85	70 - 130	30	70 - 130	30
%SS1:	111	0.050	110	109	1.12	110	109	0.925	70 - 130	30	70 - 130	30
%SS2:	98	0.050	99	98	0.192	97	96	0.997	70 - 130	30	70 - 130	30
%SS3:	103	0.050	103	103	0	101	103	1.86	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24096 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610079-001	10/03/06 4:15 PM	10/04/06	10/10/06 6:32 AM	0610079-002	10/03/06 4:15 PM	10/04/06	10/10/06 7:15 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Stellar Enviormental Solutions 2198 Sixth St. #201 Berkeley, CA 94710	Client Project ID: #2005-65; USTCF Claim No. 018639	Date Sampled: 10/03/06
		Date Received: 10/03/06
	Client Contact: Richard Makdisi	Date Reported: 10/09/06
	Client P.O.:	Date Completed: 10/09/06

WorkOrder: 0610038

October 09, 2006

Dear Richard:

Enclosed are:

1). the results of **4** analyzed samples from your **#2005-65; USTCF Claim No. 018639 project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

Chain of Custody Record

Lab job no. _____
Date 10/3/06
Page 1 of 1

Laboratory McCampbell Analytical Inc
Address 1534 Willow Pass Road
Pittsburg, CA 94565-1701
877-252-9262

RUSH

Project Owner Larry Wadler
Site Address 2836 Union St.
Oakland, CA
Project Name USTCF Claim No. 018639
Project Number 2005-65

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: *(Signature)* [signature]

Analysis Required

Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	BTXE, MTBE, Oxygenates by 8260	Ethanol by 8260	TPH-GAS by 8015m	Remarks
W1	6'	10/3/06	1100	Soil	9 oz glass jar	yes	none		1	X	X	X	STD Turnaround
W2	6'	"	1320	"	"	"	"		1				24HR 5d 24HR 24 hr TA
W3	6'	"	1420	"	"	"	"		1				
W4	7'	"	1500	"	"	"	"		1				

Relinquished by:	Date	Received by:	Date	Relinquished by:	Date	Received by:	Date
Signature [signature]	10/3/06	Signature [signature]	10/3	Signature [signature]	10/3	Signature _____	10/4/06
Printed Henry Pietropaoli	Time 1510	Printed _____	Time 3:10	Printed _____	Time 4:48	Printed N. WHITE	Time 9:20
Company Stellar Environmental		Company _____		Company _____		Company MAI	

Turnaround Time: 24- Hour Turnaround

Comments: Please FAX copy of COC

Relinquished by: Signature _____ Printed _____ Company _____ Date _____ Time _____

Received by: Signature _____ Printed _____ Company _____ Date _____ Time _____

2000-00-01

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0610038 **ClientID: SESB**

☐EDF ☐Fax ☐Email ☐HardCopy ☐ThirdParty

Report to:
Richard Makdisi
Stellar Enviormental Solutions
2198 Sixth St. #201
Berkeley, CA 94710
Email:
TEL: 510-644-3123 FAX: 510-6443859
ProjectNo: #2005-65; USTCF Claim No. 018639
PO:

Bill to:
Accounts Payable
Stellar Enviormental Solutions
2198 Sixth St. #201
Berkeley, CA 94710

Requested TAT: **5 days**

Date Received: **10/03/2006**
Date Printed: **10/04/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0610038-001	W1	Soil	10/3/06 11:00:00	☐	A	A										
0610038-002	W2	Soil	10/3/06 1:20:00 PM	☐	A	A										
0610038-003	W3	Soil	10/3/06 2:20:00 PM	☐	A	A										
0610038-004	W4	Soil	10/3/06 3:00:00 PM	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	MBTEXOXY-8260B_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Nickole White

Comments: Samples W2 and W4 are on a 24HR TAT the rest are on 5d TAT.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Stellar Enviormental Solutions 2198 Sixth St. #201 Berkeley, CA 94710	Client Project ID: #2005-65; USTCF Claim No. 018639	Date Sampled: 10/03/06
		Date Received: 10/03/06
	Client Contact: Richard Makdisi	Date Extracted: 10/03/06
	Client P.O.:	Date Analyzed 10/03/06-10/05/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8015Cm Work Order: 0610038

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	W1	S	1100,a	200	118
002A	W2	S	1.5,g	1	106
003A	W3	S	270,b,m	20	111
004A	W4	S	ND	1	79

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Stellar Enviormental Solutions	Client Project ID: #2005-65; USTCF Claim No. 018639	Date Sampled: 10/03/06
2198 Sixth St. #201		Date Received: 10/03/06
Berkeley, CA 94710	Client Contact: Richard Makdisi	Date Extracted: 10/03/06
	Client P.O.:	Date Analyzed: 10/04/06

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0610038

Lab ID	0610038-001A	0610038-002A	0610038-003A	0610038-004A	Reporting Limit for DF =1	
Client ID	W1	W2	W3	W4		
Matrix	S	S	S	S		
DF	400	1	20	1	S	W
Compound	**Concentration**				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND<2.0	ND	ND<0.10	ND	0.005	NA
Benzene	ND<2.0	ND	ND<0.10	ND	0.005	NA
t-Butyl alcohol (TBA)	ND<20	ND	ND<1.0	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND<2.0	ND	ND<0.10	ND	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND<2.0	ND	ND<0.10	ND	0.005	NA
Diisopropyl ether (DIPE)	ND<2.0	ND	ND<0.10	ND	0.005	NA
Ethanol	ND<100	ND	ND<5.0	ND	0.25	NA
Ethylbenzene	18	0.012	2.2	ND	0.005	NA
Ethyl tert-butyl ether (ETBE)	ND<2.0	ND	ND<0.10	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND<2.0	ND	ND<0.10	ND	0.005	NA
Toluene	29	0.0091	ND<0.10	ND	0.005	NA
Xylenes	100	0.038	ND<0.10	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1:	90	89	88	88		
%SS2:	101	102	103	102		
%SS3:	87	90	88	90		
Comments						

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610038

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 24034 Spiked Sample ID: 0609613-023A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	106	109	2.64	103	112	7.67	70 - 130	30	70 - 130	30
MTBE	ND	0.10	92.5	91.8	0.840	79.8	80.1	0.406	70 - 130	30	70 - 130	30
Benzene	ND	0.10	86	89.3	3.75	100	104	3.58	70 - 130	30	70 - 130	30
Toluene	ND	0.10	80.1	84.1	4.98	111	115	3.35	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	92.2	95	3.00	106	112	5.32	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	90.3	91.7	1.47	120	123	2.74	70 - 130	30	70 - 130	30
%SS:	103	0.10	82	84	2.41	101	103	2.21	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24034 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610038-001	10/03/06 11:00 AM	10/03/06	10/04/06 8:54 PM	0610038-002	10/03/06 1:20 PM	10/03/06	10/03/06 11:59 PM
0610038-003	10/03/06 2:20 PM	10/03/06	10/05/06 11:10 PM	0610038-004	10/03/06 3:00 PM	10/03/06	10/04/06 5:50 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0610038

EPA Method SW8260B **Extraction SW5030B** **BatchID: 23996** **Spiked Sample ID: 0610038-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME	ND	0.050	99.6	92.6	7.23	102	96.8	5.39	70 - 130	30	70 - 130	30
Benzene	ND	0.050	100	93.4	6.95	104	94.3	9.96	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	80.1	84.2	4.92	87.3	83.3	4.64	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	106	98.2	7.26	109	101	7.57	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	108	102	6.00	112	104	8.27	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	114	111	3.16	122	112	8.51	70 - 130	30	70 - 130	30
Toluene	ND	0.050	93.2	91.2	2.11	101	93	8.05	70 - 130	30	70 - 130	30
%SS1:	88	0.050	108	109	0.311	111	107	2.84	70 - 130	30	70 - 130	30
%SS2:	102	0.050	98	103	4.88	102	101	0.976	70 - 130	30	70 - 130	30
%SS3:	90	0.050	107	107	0	108	108	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 23996 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610038-001	10/03/06 11:00 AM	10/03/06	10/04/06 12:04 PM	0610038-002	10/03/06 1:20 PM	10/03/06	10/04/06 9:53 AM
0610038-003	10/03/06 2:20 PM	10/03/06	10/04/06 10:36 AM	0610038-004	10/03/06 3:00 PM	10/03/06	10/04/06 11:19 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189858	Location:	Wadler Property
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65		
Field ID:	EGW-1	Sampled:	10/04/06
Matrix:	Water	Received:	10/04/06
Units:	ug/L	Analyzed:	10/09/06

Type: SAMPLE
Lab ID: 189858-001
Diln Fac: 5.000

Analyte	Result	RL	Batch#	Analysis
Gasoline C7-C12	21,000	250	118244	EPA 8015B
MTBE	110	10	118240	EPA 8021B
Benzene	140	2.5	118240	EPA 8021B
Toluene	370	2.5	118240	EPA 8021B
Ethylbenzene	1,100	2.5	118240	EPA 8021B
m,p-Xylenes	1,400	2.5	118240	EPA 8021B
o-Xylene	570	2.5	118240	EPA 8021B

Surrogate	%REC	Limits	Batch#	Analysis
Trifluorotoluene (FID)	103	69-137	118244	EPA 8015B
Bromofluorobenzene (FID)	82	80-133	118244	EPA 8015B
Trifluorotoluene (PID)	119	64-132	118240	EPA 8021B
Bromofluorobenzene (PID)	98	80-120	118240	EPA 8021B

Type: BLANK
Lab ID: QC359496
Diln Fac: 1.000
Batch#: 118240
Analysis: EPA 8021B

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	Result	%REC	Limits
Trifluorotoluene (FID)	NA		
Bromofluorobenzene (FID)	NA		
Trifluorotoluene (PID)		95	64-132
Bromofluorobenzene (PID)		97	80-120

Type: BLANK
Lab ID: QC359512
Diln Fac: 1.000
Batch#: 118244
Analysis: EPA 8015B

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	Result	%REC	Limits
Trifluorotoluene (FID)		101	69-137
Bromofluorobenzene (FID)		103	80-133
Trifluorotoluene (PID)	NA		
Bromofluorobenzene (PID)	NA		

NA= Not Analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189858	Location:	Wadler Property
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC359497	Batch#:	118240
Matrix:	Water	Analyzed:	10/09/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	20.16	101	72-124
Benzene	20.00	20.32	102	80-120
Toluene	20.00	21.41	107	80-120
Ethylbenzene	20.00	22.30	111	80-120
m,p-Xylenes	20.00	22.69	113	80-120
o-Xylene	20.00	22.58	113	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	109	64-132
Bromofluorobenzene (PID)	111	80-120

Curtis & Tompkins, Ltd.
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Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189858	Location:	Wadler Property
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8021B
Field ID:	ZZZZZZZZZZ	Batch#:	118240
MSS Lab ID:	189868-001	Sampled:	10/04/06
Matrix:	Water	Received:	10/04/06
Units:	ug/L	Analyzed:	10/09/06
Diln Fac:	1.000		

Type: MS Lab ID: QC359499

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	6.074	20.00	23.57	87	76-133
Benzene	ND	20.00	21.07	105	78-120
Toluene	ND	20.00	22.09	110	79-120
Ethylbenzene	ND	20.00	23.45	117	80-120
m,p-Xylenes	ND	20.00	23.31	117	79-120
o-Xylene	ND	20.00	23.59	118	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	110	64-132
Bromofluorobenzene (PID)	114	80-120

Type: MSD Lab ID: QC359500

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	20.00	26.49	102	76-133	12	34
Benzene	20.00	21.60	108	78-120	2	30
Toluene	20.00	22.20	111	79-120	1	30
Ethylbenzene	20.00	23.81	119	80-120	1	30
m,p-Xylenes	20.00	23.57	118	79-120	1	30
o-Xylene	20.00	23.76	119	80-120	1	30

Surrogate	%REC	Limits
Trifluorotoluene (PID)	100	64-132
Bromofluorobenzene (PID)	101	80-120

ND= Not Detected
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189858	Location:	Wadler Property
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC359513	Batch#:	118244
Matrix:	Water	Analyzed:	10/09/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,930	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	69-137
Bromofluorobenzene (FID)	105	80-133

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189858	Location:	Wadler Property
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	118244
MSS Lab ID:	189930-001	Sampled:	10/05/06
Matrix:	Water	Received:	10/06/06
Units:	ug/L	Analyzed:	10/09/06
Diln Fac:	1.000		

Type: MS Lab ID: QC359514

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	112.9	2,000	1,733	81	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	69-137
Bromofluorobenzene (FID)	91	80-133

Type: MSD Lab ID: QC359515

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,797	84	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	69-137
Bromofluorobenzene (FID)	96	80-133

RPD= Relative Percent Difference

189858

Chain of Custody Record

Lab job no. _____

Date _____

Page 1 of _____

Laboratory Curtis and Tompkins, Ltd.
Address 2323 Fifth Street
Berkeley, California 94710
510-486-0900

Project Owner Wadler
Site Address 2836 Union Street
Oakland, California
Project Name USTCF Claim No. 018639
Project Number 2005-65

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: *(Signature)* Henry Pietropaoli

Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	Analysis Required: TEH-gas 8015/8020	Analysis Required: BTEX, MTBE	Remarks
EG W-1	[redacted]	10/4/06	1530	Water	40 ml VOA Vial	yes	HCl	No	6	X	X	
				~~Water~~	~~40 ml VOA Vial~~	yes	~~HCl~~	~~No~~				

Relinquished by:	Date	Received by:	Date	Relinquished by:	Date	Received by:	Date
Signature Henry Pietropaoli	10/4/06	Signature Tracy Bass	10/4	Signature		Signature	
Printed Henry Pietropaoli	Time 1515	Printed Tracy Bass	Time 1615	Printed	Time	Printed	Time
Company Stellar Environmental		Company C&T		Company		Company	

Turnaround Time: 5 Day TAT

Comments: Cold & Intact

Relinquished by:	Date	Received by:	Date
Signature		Signature	
Printed	Time	Printed	Time
Company		Company	

2000-00-01

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65		
Field ID:	EGW-2	Batch#:	118295
Matrix:	Water	Sampled:	10/06/06
Units:	ug/L	Received:	10/06/06

Type:	SAMPLE	Diln Fac:	25.00
Lab ID:	189933-001	Analyzed:	10/11/06

Analyte	Result	RL	Analysis
Gasoline C7-C12	49,000	1,300	EPA 8015B
Benzene	310	13	EPA 8021B
Toluene	930	13	EPA 8021B
Ethylbenzene	1,700	13	EPA 8021B
m,p-Xylenes	3,000	13	EPA 8021B
o-Xylene	1,500	13	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	134	69-137	EPA 8015B
Bromofluorobenzene (FID)	127	80-133	EPA 8015B
Trifluorotoluene (PID)	99	64-132	EPA 8021B
Bromofluorobenzene (PID)	102	80-120	EPA 8021B

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC359720	Analyzed:	10/10/06

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	115	69-137	EPA 8015B
Bromofluorobenzene (FID)	120	80-133	EPA 8015B
Trifluorotoluene (PID)	97	64-132	EPA 8021B
Bromofluorobenzene (PID)	105	80-120	EPA 8021B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC359721	Batch#:	118295
Matrix:	Water	Analyzed:	10/10/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	19.22	96	80-120
Toluene	20.00	19.28	96	80-120
Ethylbenzene	20.00	21.33	107	80-120
m,p-Xylenes	20.00	18.44	92	80-120
o-Xylene	20.00	19.58	98	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	102	64-132
Bromofluorobenzene (PID)	104	80-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC359722	Batch#:	118295
Matrix:	Water	Analyzed:	10/10/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,859	93	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	122	69-137
Bromofluorobenzene (FID)	126	80-133

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	189924-004	Batch#:	118295
Matrix:	Water	Sampled:	10/05/06
Units:	ug/L	Received:	10/06/06

Type: MS Analyzed: 10/10/06
Lab ID: QC359744

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	23.16	2,000	1,860	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	118	69-137
Bromofluorobenzene (FID)	131	80-133

Type: MSD Analyzed: 10/11/06
Lab ID: QC359745

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,824	90	80-120	2	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	118	69-137
Bromofluorobenzene (FID)	126	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65		
Matrix:	Soil	Sampled:	10/06/06
Basis:	as received	Received:	10/06/06
Batch#:	118316	Analyzed:	10/11/06

Field ID: STOCKPILE COMP 2 Lab ID: 189933-002
Type: SAMPLE Diln Fac: 50.00

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	840 H	50	mg/Kg	EPA 8015B
Benzene	ND	250	ug/Kg	EPA 8021B
Toluene	ND	250	ug/Kg	EPA 8021B
Ethylbenzene	5,000	250	ug/Kg	EPA 8021B
m,p-Xylenes	11,000	250	ug/Kg	EPA 8021B
o-Xylene	3,800	250	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	115	62-137	EPA 8015B
Bromofluorobenzene (FID)	168 *	60-148	EPA 8015B
Trifluorotoluene (PID)	94	66-127	EPA 8021B
Bromofluorobenzene (PID)	102	74-127	EPA 8021B

Field ID: W5 Lab ID: 189933-003
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	ND	1.1	mg/Kg	EPA 8015B
Benzene	ND	5.3	ug/Kg	EPA 8021B
Toluene	ND	5.3	ug/Kg	EPA 8021B
Ethylbenzene	ND	5.3	ug/Kg	EPA 8021B
m,p-Xylenes	ND	5.3	ug/Kg	EPA 8021B
o-Xylene	ND	5.3	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	96	62-137	EPA 8015B
Bromofluorobenzene (FID)	100	60-148	EPA 8015B
Trifluorotoluene (PID)	80	66-127	EPA 8021B
Bromofluorobenzene (PID)	88	74-127	EPA 8021B

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65		
Matrix:	Soil	Sampled:	10/06/06
Basis:	as received	Received:	10/06/06
Batch#:	118316	Analyzed:	10/11/06

Field ID:	W6	Lab ID:	189933-004
Type:	SAMPLE	Diln Fac:	50.00

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	1,700 H	50	mg/Kg	EPA 8015B
Benzene	ND	250	ug/Kg	EPA 8021B
Toluene	ND	250	ug/Kg	EPA 8021B
Ethylbenzene	17,000	250	ug/Kg	EPA 8021B
m,p-Xylenes	34,000	250	ug/Kg	EPA 8021B
o-Xylene	1,400	250	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	166 *	62-137	EPA 8015B
Bromofluorobenzene (FID)	228 * >LR b	60-148	EPA 8015B
Trifluorotoluene (PID)	120	66-127	EPA 8021B
Bromofluorobenzene (PID)	109	74-127	EPA 8021B

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC359803		

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	ND	0.20	mg/Kg	EPA 8015B
Benzene	ND	1.0	ug/Kg	EPA 8021B
Toluene	ND	1.0	ug/Kg	EPA 8021B
Ethylbenzene	ND	1.0	ug/Kg	EPA 8021B
m,p-Xylenes	ND	1.0	ug/Kg	EPA 8021B
o-Xylene	ND	1.0	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	103	62-137	EPA 8015B
Bromofluorobenzene (FID)	106	60-148	EPA 8015B
Trifluorotoluene (PID)	97	66-127	EPA 8021B
Bromofluorobenzene (PID)	100	74-127	EPA 8021B

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8021B
Type:	LCS	Basis:	as received
Lab ID:	QC359804	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118316
Units:	ug/Kg	Analyzed:	10/11/06

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	19.39	97	80-120
Toluene	20.00	21.25	106	80-120
Ethylbenzene	20.00	22.47	112	80-120
m,p-Xylenes	20.00	22.98	115	80-120
o-Xylene	20.00	22.79	114	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	95	66-127
Bromofluorobenzene (PID)	98	74-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC359805	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118316
Units:	mg/Kg	Analyzed:	10/11/06

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2.000	2.114	106	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	62-137
Bromofluorobenzene (FID)	107	60-148

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189933	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	189924-002	Batch#:	118316
Matrix:	Soil	Sampled:	10/05/06
Units:	mg/Kg	Received:	10/06/06
Basis:	as received	Analyzed:	10/11/06

Type: MS Lab ID: QC359834

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.09481	10.53	9.746	92	38-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	62-137
Bromofluorobenzene (FID)	108	60-148

Type: MSD Lab ID: QC359835

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.42	9.621	91	38-120	0	26

Surrogate	%REC	Limits
Trifluorotoluene (FID)	119	62-137
Bromofluorobenzene (FID)	115	60-148

RPD= Relative Percent Difference

Chain of Custody Record

189933

Lab job no. _____

Date _____

Page 1 of 1

Laboratory Curtis and Tompkins, Ltd.
Address 2323 Fifth Street
Berkeley, California 94710
510-486-0900

Project Owner Mr. Lawrence Wadler
Site Address 2836 Union Street
Oakland, CA

Project Name USTCF Claim No. 018639
Project Number 2005-65

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: (Signature) Henry Pietropaoli

Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	Analysis Required: TEH gas 8015/8020	Analysis Required: BTEX	Remarks
-1 EGW-2	—	10/6/06	0830	Water	40 ml VOA Vial	yes	HCl	No	6	X	X	* 2 VOAs have Air bubbles
-2 Stockpile Comp 2		"	0845	Soil	16 oz glass jar	"	none		1	X	X	
-3 W5	6 ft	"	0920	"	9 oz glass jar	"	none		1	X	X	
-4 W6	6 ft	"	0930	"	9 oz glass jar	"	none		1	X	X	

Received: Intact / On Ice / Ambient / Cool

Relinquished by:	Date	Received by:	Date	Relinquished by:	Date	Received by:	Date
Signature Henry Pietropaoli	10/6/06	Signature Joel Ingram	10/6/06	Signature		Signature	
Printed Henry Pietropaoli	Time	Printed Joel Ingram	Time	Printed	Time	Printed	Time
Company Stellar Environmental	1350	Company C&T	13:50	Company		Company	

Turnaround Time: 5 Day TAT

Comments: * Use 40 ml VOAs without bubbles if possible

Relinquished by:	Date	Received by:	Date
Signature		Signature	
Printed	Time	Printed	Time
Company		Company	

2000-00-01

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW2B-12	Batch#:	117904
Lab ID:	189660-001	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	0.9615		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.96	mg/Kg
tert-Butyl Alcohol (TBA)	ND	96	ug/Kg
Isopropyl Ether (DIPE)	ND	4.8	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.8	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.8	ug/Kg
Ethanol	ND	960	ug/Kg
MTBE	ND	4.8	ug/Kg
Benzene	ND	4.8	ug/Kg
Toluene	ND	4.8	ug/Kg
1,2-Dibromoethane	ND	4.8	ug/Kg
Ethylbenzene	ND	4.8	ug/Kg
1,2-Dichloroethane	ND	4.8	ug/Kg
m,p-Xylenes	ND	4.8	ug/Kg
o-Xylene	ND	4.8	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	79-120
1,2-Dichloroethane-d4	96	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW2B-17	Batch#:	117904
Lab ID:	189660-002	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	0.9091		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.91	mg/Kg
tert-Butyl Alcohol (TBA)	ND	91	ug/Kg
Isopropyl Ether (DIPE)	ND	4.5	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.5	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.5	ug/Kg
Ethanol	ND	910	ug/Kg
MTBE	4.9	4.5	ug/Kg
Benzene	ND	4.5	ug/Kg
Toluene	ND	4.5	ug/Kg
1,2-Dibromoethane	ND	4.5	ug/Kg
Ethylbenzene	ND	4.5	ug/Kg
1,2-Dichloroethane	ND	4.5	ug/Kg
m,p-Xylenes	ND	4.5	ug/Kg
o-Xylene	ND	4.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	104	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW2B-24	Batch#:	117904
Lab ID:	189660-003	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	0.9804		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.98	mg/Kg
tert-Butyl Alcohol (TBA)	ND	98	ug/Kg
Isopropyl Ether (DIPE)	ND	4.9	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.9	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.9	ug/Kg
Ethanol	ND	980	ug/Kg
MTBE	ND	4.9	ug/Kg
Benzene	ND	4.9	ug/Kg
Toluene	ND	4.9	ug/Kg
1,2-Dibromoethane	ND	4.9	ug/Kg
Ethylbenzene	ND	4.9	ug/Kg
1,2-Dichloroethane	ND	4.9	ug/Kg
m,p-Xylenes	ND	4.9	ug/Kg
o-Xylene	ND	4.9	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	109	79-120
1,2-Dichloroethane-d4	104	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW1B-10	Basis:	as received
Lab ID:	189660-004	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06

Analyte	Result	RL	Units	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	790 H	200	mg/Kg	200.0	118102	10/04/06
tert-Butyl Alcohol (TBA)	ND	2,500	ug/Kg	25.00	118022	10/02/06
Isopropyl Ether (DIPE)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethyl tert-Butyl Ether (ETBE)	ND	130	ug/Kg	25.00	118022	10/02/06
Methyl tert-Amyl Ether (TAME)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethanol	ND	25,000	ug/Kg	25.00	118022	10/02/06
MTBE	ND	130	ug/Kg	25.00	118022	10/02/06
Benzene	ND	130	ug/Kg	25.00	118022	10/02/06
Toluene	ND	130	ug/Kg	25.00	118022	10/02/06
1,2-Dibromoethane	ND	130	ug/Kg	25.00	118022	10/02/06
Ethylbenzene	1,100	130	ug/Kg	25.00	118022	10/02/06
1,2-Dichloroethane	ND	130	ug/Kg	25.00	118022	10/02/06
m,p-Xylenes	130	130	ug/Kg	25.00	118022	10/02/06
o-Xylene	ND	130	ug/Kg	25.00	118022	10/02/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	80	79-120	25.00	118022	10/02/06
1,2-Dichloroethane-d4	102	76-130	25.00	118022	10/02/06
Toluene-d8	97	80-120	25.00	118022	10/02/06
Bromofluorobenzene	113	80-126	25.00	118022	10/02/06
Trifluorotoluene (MeOH)	107	53-133	25.00	118022	10/02/06

H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW1B-15	Batch#:	117904
Lab ID:	189660-005	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	0.8772		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.88	mg/Kg
tert-Butyl Alcohol (TBA)	ND	88	ug/Kg
Isopropyl Ether (DIPE)	ND	4.4	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.4	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.4	ug/Kg
Ethanol	ND	880	ug/Kg
MTBE	31	4.4	ug/Kg
Benzene	ND	4.4	ug/Kg
Toluene	ND	4.4	ug/Kg
1,2-Dibromoethane	ND	4.4	ug/Kg
Ethylbenzene	ND	4.4	ug/Kg
1,2-Dichloroethane	ND	4.4	ug/Kg
m,p-Xylenes	ND	4.4	ug/Kg
o-Xylene	ND	4.4	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	93	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW1B-23	Batch#:	117904
Lab ID:	189660-006	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	0.8772		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.88	mg/Kg
tert-Butyl Alcohol (TBA)	ND	88	ug/Kg
Isopropyl Ether (DIPE)	ND	4.4	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.4	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.4	ug/Kg
Ethanol	ND	880	ug/Kg
MTBE	ND	4.4	ug/Kg
Benzene	ND	4.4	ug/Kg
Toluene	ND	4.4	ug/Kg
1,2-Dibromoethane	ND	4.4	ug/Kg
Ethylbenzene	ND	4.4	ug/Kg
1,2-Dichloroethane	ND	4.4	ug/Kg
m,p-Xylenes	ND	4.4	ug/Kg
o-Xylene	ND	4.4	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW3B-19	Batch#:	117904
Lab ID:	189660-007	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	1.000		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	BH14-8.5	Batch#:	117904
Lab ID:	189660-008	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	0.9259		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.93	mg/Kg
tert-Butyl Alcohol (TBA)	ND	93	ug/Kg
Isopropyl Ether (DIPE)	ND	4.6	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.6	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.6	ug/Kg
Ethanol	ND	930	ug/Kg
MTBE	ND	4.6	ug/Kg
Benzene	ND	4.6	ug/Kg
Toluene	ND	4.6	ug/Kg
1,2-Dibromoethane	ND	4.6	ug/Kg
Ethylbenzene	ND	4.6	ug/Kg
1,2-Dichloroethane	ND	4.6	ug/Kg
m,p-Xylenes	ND	4.6	ug/Kg
o-Xylene	ND	4.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	BH14-15	Batch#:	118022
Lab ID:	189660-009	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9091		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.91	mg/Kg
tert-Butyl Alcohol (TBA)	ND	91	ug/Kg
Isopropyl Ether (DIPE)	ND	4.5	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.5	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.5	ug/Kg
Ethanol	ND	910	ug/Kg
MTBE	17	4.5	ug/Kg
Benzene	ND	4.5	ug/Kg
Toluene	ND	4.5	ug/Kg
1,2-Dibromoethane	ND	4.5	ug/Kg
Ethylbenzene	ND	4.5	ug/Kg
1,2-Dichloroethane	ND	4.5	ug/Kg
m,p-Xylenes	ND	4.5	ug/Kg
o-Xylene	ND	4.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	88	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	BH14-19.5	Batch#:	118022
Lab ID:	189660-010	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9434		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.94	mg/Kg
tert-Butyl Alcohol (TBA)	ND	94	ug/Kg
Isopropyl Ether (DIPE)	ND	4.7	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.7	ug/Kg
Ethanol	ND	940	ug/Kg
MTBE	ND	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
m,p-Xylenes	ND	4.7	ug/Kg
o-Xylene	ND	4.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	90	79-120
1,2-Dichloroethane-d4	91	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	BH14-24.5	Batch#:	118022
Lab ID:	189660-011	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.8621		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.86	mg/Kg
tert-Butyl Alcohol (TBA)	ND	86	ug/Kg
Isopropyl Ether (DIPE)	ND	4.3	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.3	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.3	ug/Kg
Ethanol	ND	860	ug/Kg
MTBE	ND	4.3	ug/Kg
Benzene	ND	4.3	ug/Kg
Toluene	ND	4.3	ug/Kg
1,2-Dibromoethane	ND	4.3	ug/Kg
Ethylbenzene	ND	4.3	ug/Kg
1,2-Dichloroethane	ND	4.3	ug/Kg
m,p-Xylenes	ND	4.3	ug/Kg
o-Xylene	ND	4.3	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	88	79-120
1,2-Dichloroethane-d4	90	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW4B-17	Batch#:	117987
Lab ID:	189660-012	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9259		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.93	mg/Kg
tert-Butyl Alcohol (TBA)	ND	93	ug/Kg
Isopropyl Ether (DIPE)	ND	4.6	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.6	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.6	ug/Kg
Ethanol	ND	930	ug/Kg
MTBE	ND	4.6	ug/Kg
Benzene	ND	4.6	ug/Kg
Toluene	ND	4.6	ug/Kg
1,2-Dibromoethane	ND	4.6	ug/Kg
Ethylbenzene	ND	4.6	ug/Kg
1,2-Dichloroethane	ND	4.6	ug/Kg
m,p-Xylenes	ND	4.6	ug/Kg
o-Xylene	ND	4.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW5B-8.5	Basis:	as received
Lab ID:	189660-013	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06

Analyte	Result	RL	Units	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	930 H	250	mg/Kg	250.0	118058	10/03/06
tert-Butyl Alcohol (TBA)	ND	2,500	ug/Kg	25.00	118022	10/02/06
Isopropyl Ether (DIPE)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethyl tert-Butyl Ether (ETBE)	ND	130	ug/Kg	25.00	118022	10/02/06
Methyl tert-Amyl Ether (TAME)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethanol	ND	25,000	ug/Kg	25.00	118022	10/02/06
MTBE	ND	130	ug/Kg	25.00	118022	10/02/06
Benzene	ND	130	ug/Kg	25.00	118022	10/02/06
Toluene	ND	130	ug/Kg	25.00	118022	10/02/06
1,2-Dibromoethane	ND	130	ug/Kg	25.00	118022	10/02/06
Ethylbenzene	640	130	ug/Kg	25.00	118022	10/02/06
1,2-Dichloroethane	ND	130	ug/Kg	25.00	118022	10/02/06
m,p-Xylenes	ND	130	ug/Kg	25.00	118022	10/02/06
o-Xylene	ND	130	ug/Kg	25.00	118022	10/02/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	84	79-120	25.00	118022	10/02/06
1,2-Dichloroethane-d4	110	76-130	25.00	118022	10/02/06
Toluene-d8	100	80-120	25.00	118022	10/02/06
Bromofluorobenzene	119	80-126	25.00	118022	10/02/06
Trifluorotoluene (MeOH)	104	53-133	25.00	118022	10/02/06

H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW5B-15	Batch#:	117987
Lab ID:	189660-014	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9434		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.94	mg/Kg
tert-Butyl Alcohol (TBA)	ND	94	ug/Kg
Isopropyl Ether (DIPE)	ND	4.7	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.7	ug/Kg
Ethanol	ND	940	ug/Kg
MTBE	7.2	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
m,p-Xylenes	ND	4.7	ug/Kg
o-Xylene	ND	4.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW5B-21.5	Batch#:	117987
Lab ID:	189660-015	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9434		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.94	mg/Kg
tert-Butyl Alcohol (TBA)	ND	94	ug/Kg
Isopropyl Ether (DIPE)	ND	4.7	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.7	ug/Kg
Ethanol	ND	940	ug/Kg
MTBE	ND	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
m,p-Xylenes	ND	4.7	ug/Kg
o-Xylene	ND	4.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	104	79-120
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW5B-24	Batch#:	117987
Lab ID:	189660-016	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.8929		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.89	mg/Kg
tert-Butyl Alcohol (TBA)	ND	89	ug/Kg
Isopropyl Ether (DIPE)	ND	4.5	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.5	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.5	ug/Kg
Ethanol	ND	890	ug/Kg
MTBE	ND	4.5	ug/Kg
Benzene	ND	4.5	ug/Kg
Toluene	ND	4.5	ug/Kg
1,2-Dibromoethane	ND	4.5	ug/Kg
Ethylbenzene	ND	4.5	ug/Kg
1,2-Dichloroethane	ND	4.5	ug/Kg
m,p-Xylenes	ND	4.5	ug/Kg
o-Xylene	ND	4.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	105	79-120
1,2-Dichloroethane-d4	103	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358077	Diln Fac:	1.000
Matrix:	Soil	Batch#:	117904
Units:	ug/Kg	Analyzed:	09/28/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	110.0	88	52-152
Isopropyl Ether (DIPE)	25.00	18.67	75	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	24.87	99	76-133
Methyl tert-Amyl Ether (TAME)	25.00	23.13	93	74-120
MTBE	25.00	21.02	84	69-120
Benzene	25.00	25.17	101	80-120
Toluene	25.00	26.27	105	80-120
1,2-Dibromoethane	25.00	24.30	97	78-120
Ethylbenzene	25.00	27.22	109	80-120
1,2-Dichloroethane	25.00	23.30	93	72-120
m,p-Xylenes	50.00	54.54	109	80-120
o-Xylene	25.00	27.05	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	100	80-120
Bromofluorobenzene	96	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358078	Batch#:	117904
Matrix:	Soil	Analyzed:	09/28/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	107	79-120
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	117904
Basis:	as received	Analyzed:	09/28/06

Type: BS Lab ID: QC358079

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.115	111	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

Type: BSD Lab ID: QC358080

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.173	117	70-130	5	30

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW2B-24	Dil'n Fac:	0.9804
MSS Lab ID:	189660-003	Batch#:	117904
Matrix:	Soil	Sampled:	09/25/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06

Type: MS Lab ID: QC358200

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.403	122.5	105.1	86	41-149
Isopropyl Ether (DIPE)	<0.1337	24.51	18.15	74	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.1074	24.51	23.59	96	64-131
Methyl tert-Amyl Ether (TAME)	<0.09438	24.51	20.99	86	62-120
MTBE	1.438	24.51	21.07	80	56-120
Benzene	<0.1925	24.51	23.28	95	67-120
Toluene	<0.2524	24.51	24.15	99	62-120
1,2-Dibromoethane	<0.2877	24.51	19.47	79	60-120
Ethylbenzene	<0.3561	24.51	24.48	100	60-120
1,2-Dichloroethane	0.6180	24.51	18.28	72	60-120
m,p-Xylenes	<0.5854	49.02	48.85	100	58-120
o-Xylene	<0.1744	24.51	24.26	99	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	88	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-126

Type: MSD Lab ID: QC358201

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	122.5	102.4	84	41-149	3	37
Isopropyl Ether (DIPE)	24.51	17.77	73	55-123	2	23
Ethyl tert-Butyl Ether (ETBE)	24.51	22.56	92	64-131	4	22
Methyl tert-Amyl Ether (TAME)	24.51	20.39	83	62-120	3	20
MTBE	24.51	20.33	77	56-120	4	23
Benzene	24.51	24.03	98	67-120	3	20
Toluene	24.51	25.03	102	62-120	4	20
1,2-Dibromoethane	24.51	19.77	81	60-120	2	20
Ethylbenzene	24.51	25.34	103	60-120	3	21
1,2-Dichloroethane	24.51	18.65	74	60-120	2	20
m,p-Xylenes	49.02	51.02	104	58-120	4	22
o-Xylene	24.51	25.10	102	58-120	3	22

Surrogate	%REC	Limits
Dibromofluoromethane	93	79-120
1,2-Dichloroethane-d4	90	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358407	Diln Fac:	1.000
Matrix:	Soil	Batch#:	117987
Units:	ug/Kg	Analyzed:	10/01/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	151.4	121	52-152
Isopropyl Ether (DIPE)	25.00	22.69	91	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	29.79	119	76-133
Methyl tert-Amyl Ether (TAME)	25.00	27.66	111	74-120
MTBE	25.00	25.38	102	69-120
Benzene	25.00	27.38	110	80-120
Toluene	25.00	28.69	115	80-120
1,2-Dibromoethane	25.00	26.22	105	78-120
Ethylbenzene	25.00	28.24	113	80-120
1,2-Dichloroethane	25.00	22.32	89	72-120
m,p-Xylenes	50.00	56.99	114	80-120
o-Xylene	25.00	29.05	116	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	84	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	117987
Basis:	as received	Analyzed:	10/01/06

Type: BS Lab ID: QC358422

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.155	115	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	90	79-120
1,2-Dichloroethane-d4	87	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	95	80-126

Type: BSD Lab ID: QC358423

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	0.9579	96	70-130	19	30

Surrogate	%REC	Limits
Dibromofluoromethane	89	79-120
1,2-Dichloroethane-d4	83	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	94	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358424	Batch#:	117987
Matrix:	Soil	Analyzed:	10/02/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Dil'n Fac:	0.8929
MSS Lab ID:	189703-001	Batch#:	117987
Matrix:	Soil	Sampled:	09/26/06
Units:	ug/Kg	Received:	09/27/06
Basis:	as received		

Type: MS Analyzed: 10/02/06
Lab ID: QC358425

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.277	223.2	274.1	123	41-149
Isopropyl Ether (DIPE)	<0.1218	44.64	32.01	72	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.09782	44.64	44.41	99	64-131
Methyl tert-Amyl Ether (TAME)	<0.08595	44.64	41.69	93	62-120
MTBE	<0.1058	44.64	39.77	89	56-120
Benzene	<0.1753	44.64	34.62	78	67-120
Toluene	<0.2298	44.64	30.28	68	62-120
1,2-Dibromoethane	<0.2620	44.64	22.80	51 *	60-120
Ethylbenzene	<0.3243	44.64	27.59	62	60-120
1,2-Dichloroethane	<0.1799	44.64	25.90	58 *	60-120
m,p-Xylenes	<0.5331	89.29	53.09	59	58-120
o-Xylene	<0.1589	44.64	28.91	65	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

Type: MSD Analyzed: 10/03/06
Lab ID: QC358426

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	223.2	268.1	120	41-149	2	37
Isopropyl Ether (DIPE)	44.64	33.82	76	55-123	5	23
Ethyl tert-Butyl Ether (ETBE)	44.64	46.92	105	64-131	5	22
Methyl tert-Amyl Ether (TAME)	44.64	43.73	98	62-120	5	20
MTBE	44.64	41.38	93	56-120	4	23
Benzene	44.64	36.69	82	67-120	6	20
Toluene	44.64	32.85	74	62-120	8	20
1,2-Dibromoethane	44.64	24.24	54 *	60-120	6	20
Ethylbenzene	44.64	30.22	68	60-120	9	21
1,2-Dichloroethane	44.64	28.20	63	60-120	9	20
m,p-Xylenes	89.29	57.93	65	58-120	9	22
o-Xylene	44.64	30.81	69	58-120	6	22

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358554	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118022
Units:	ug/Kg	Analyzed:	10/02/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	129.3	103	52-152
Isopropyl Ether (DIPE)	25.00	20.85	83	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	28.03	112	76-133
Methyl tert-Amyl Ether (TAME)	25.00	25.87	103	74-120
MTBE	25.00	23.20	93	69-120
Benzene	25.00	25.92	104	80-120
Toluene	25.00	27.08	108	80-120
1,2-Dibromoethane	25.00	25.29	101	78-120
Ethylbenzene	25.00	28.30	113	80-120
1,2-Dichloroethane	25.00	21.65	87	72-120
m,p-Xylenes	50.00	57.35	115	80-120
o-Xylene	25.00	29.77	119	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	85	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	118022
Basis:	as received	Analyzed:	10/02/06

Type: BS Lab ID: QC358555

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2.000	2.447	122	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	85	79-120
1,2-Dichloroethane-d4	85	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

Type: BSD Lab ID: QC358556

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2.000	2.277	114	70-130	7	30

Surrogate	%REC	Limits
Dibromofluoromethane	86	79-120
1,2-Dichloroethane-d4	86	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358557	Batch#:	118022
Matrix:	Soil	Analyzed:	10/02/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	90	79-120
1,2-Dichloroethane-d4	87	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	BH14-15	Dil'n Fac:	0.9091
MSS Lab ID:	189660-009	Batch#:	118022
Matrix:	Soil	Sampled:	09/26/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	10/03/06

Type: MS Lab ID: QC358576

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.301	227.3	184.4	81	41-149
Isopropyl Ether (DIPE)	<0.1240	45.45	25.55	56	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.09960	45.45	35.21	77	64-131
Methyl tert-Amyl Ether (TAME)	0.7445	45.45	33.80	73	62-120
MTBE	16.80	45.45	40.96	53 *	56-120
Benzene	<0.1785	45.45	37.16	82	67-120
Toluene	<0.2340	45.45	39.99	88	62-120
1,2-Dibromoethane	<0.2667	45.45	34.70	76	60-120
Ethylbenzene	<0.3302	45.45	40.78	90	60-120
1,2-Dichloroethane	<0.1832	45.45	29.25	64	60-120
m,p-Xylenes	<0.5428	90.91	81.66	90	58-120
o-Xylene	<0.1618	45.45	41.57	91	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	92	79-120
1,2-Dichloroethane-d4	91	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

Type: MSD Lab ID: QC358577

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	227.3	184.1	81	41-149	0	37
Isopropyl Ether (DIPE)	45.45	24.98	55	55-123	2	23
Ethyl tert-Butyl Ether (ETBE)	45.45	34.62	76	64-131	2	22
Methyl tert-Amyl Ether (TAME)	45.45	34.09	73	62-120	1	20
MTBE	45.45	44.48	61	56-120	8	23
Benzene	45.45	40.71	90	67-120	9	20
Toluene	45.45	43.89	97	62-120	9	20
1,2-Dibromoethane	45.45	39.44	87	60-120	13	20
Ethylbenzene	45.45	44.71	98	60-120	9	21
1,2-Dichloroethane	45.45	32.98	73	60-120	12	20
m,p-Xylenes	90.91	89.07	98	58-120	9	22
o-Xylene	45.45	45.80	101	58-120	10	22

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	90	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358700	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118058
Units:	ug/Kg	Analyzed:	10/03/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	107.7	86	52-152
Isopropyl Ether (DIPE)	25.00	17.59	70	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	24.03	96	76-133
Methyl tert-Amyl Ether (TAME)	25.00	22.66	91	74-120
MTBE	25.00	20.57	82	69-120
Benzene	25.00	24.62	98	80-120
Toluene	25.00	25.28	101	80-120
1,2-Dibromoethane	25.00	23.92	96	78-120
Ethylbenzene	25.00	27.15	109	80-120
1,2-Dichloroethane	25.00	22.76	91	72-120
m,p-Xylenes	50.00	53.19	106	80-120
o-Xylene	25.00	27.08	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	96	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358701	Batch#:	118058
Matrix:	Soil	Analyzed:	10/03/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	98	79-120
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	118058
Basis:	as received	Analyzed:	10/03/06

Type: BS Lab ID: QC358702

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9818	98	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	98	80-126

Type: BSD Lab ID: QC358703

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.153	115	70-130	16	30

Surrogate	%REC	Limits
Dibromofluoromethane	92	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Dil'n Fac:	0.9615
MSS Lab ID:	189667-018	Batch#:	118058
Matrix:	Soil	Sampled:	09/25/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	10/04/06

Type: MS Lab ID: QC358818

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.376	120.2	74.92	62	41-149
Isopropyl Ether (DIPE)	<0.1312	24.04	13.38	56	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.1053	24.04	17.45	73	64-131
Methyl tert-Amyl Ether (TAME)	<0.09257	24.04	15.89	66	62-120
MTBE	<0.1139	24.04	14.64	61	56-120
Benzene	2.073	24.04	21.12	79	67-120
Toluene	<0.2475	24.04	20.71	86	62-120
1,2-Dibromoethane	<0.2821	24.04	16.40	68	60-120
Ethylbenzene	5.657	24.04	23.18	73	60-120
1,2-Dichloroethane	<0.1937	24.04	15.10	63	60-120
m,p-Xylenes	<0.5741	48.08	42.33	88	58-120
o-Xylene	<0.1711	24.04	20.90	87	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	95	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

Type: MSD Lab ID: QC358819

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	120.2	74.30	62	41-149	1	37
Isopropyl Ether (DIPE)	24.04	15.43	64	55-123	14	23
Ethyl tert-Butyl Ether (ETBE)	24.04	19.60	82	64-131	12	22
Methyl tert-Amyl Ether (TAME)	24.04	17.34	72	62-120	9	20
MTBE	24.04	15.61	65	56-120	6	23
Benzene	24.04	22.87	86	67-120	8	20
Toluene	24.04	21.92	91	62-120	6	20
1,2-Dibromoethane	24.04	16.57	69	60-120	1	20
Ethylbenzene	24.04	26.44	86	60-120	13	21
1,2-Dichloroethane	24.04	15.63	65	60-120	3	20
m,p-Xylenes	48.08	44.99	94	58-120	6	22
o-Xylene	24.04	21.84	91	58-120	4	22

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358885	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118102
Units:	ug/Kg	Analyzed:	10/04/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	107.8	86	52-152
Isopropyl Ether (DIPE)	25.00	18.70	75	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	24.60	98	76-133
Methyl tert-Amyl Ether (TAME)	25.00	22.50	90	74-120
MTBE	25.00	20.86	83	69-120
Benzene	25.00	25.75	103	80-120
Toluene	25.00	26.30	105	80-120
1,2-Dibromoethane	25.00	25.12	100	78-120
Ethylbenzene	25.00	27.30	109	80-120
1,2-Dichloroethane	25.00	24.02	96	72-120
m,p-Xylenes	50.00	54.08	108	80-120
o-Xylene	25.00	27.12	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	98	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	118102
Basis:	as received	Analyzed:	10/04/06

Type: BS Lab ID: QC358886

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2.000	2.599	130	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

Type: BSD Lab ID: QC358887

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2.000	2.592	130	70-130	0	30

Surrogate	%REC	Limits
Dibromofluoromethane	98	79-120
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358888	Batch#:	118102
Matrix:	Soil	Analyzed:	10/04/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	103	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	94	80-120
Bromofluorobenzene	97	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Dil'n Fac:	0.9804
MSS Lab ID:	189667-023	Batch#:	118102
Matrix:	Soil	Sampled:	09/25/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	10/05/06

Type: MS Lab ID: QC358993

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	1.924	122.5	116.5	93	41-149
Isopropyl Ether (DIPE)	<0.1337	24.51	18.31	75	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.1074	24.51	25.37	104	64-131
Methyl tert-Amyl Ether (TAME)	<0.09438	24.51	21.69	89	62-120
MTBE	<0.1161	24.51	21.52	88	56-120
Benzene	0.4366	24.51	26.22	105	67-120
Toluene	2.128	24.51	25.62	96	62-120
1,2-Dibromoethane	<0.2877	24.51	21.52	88	60-120
Ethylbenzene	1.121	24.51	21.41	83	60-120
1,2-Dichloroethane	0.3144	24.51	24.34	98	60-120
m,p-Xylenes	1.881	49.02	40.74	79	58-120
o-Xylene	1.960	24.51	21.32	79	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	79-120
1,2-Dichloroethane-d4	115	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	107	80-126

Type: MSD Lab ID: QC358994

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	122.5	114.5	92	41-149	2	37
Isopropyl Ether (DIPE)	24.51	18.56	76	55-123	1	23
Ethyl tert-Butyl Ether (ETBE)	24.51	24.89	102	64-131	2	22
Methyl tert-Amyl Ether (TAME)	24.51	21.44	87	62-120	1	20
MTBE	24.51	20.09	82	56-120	7	23
Benzene	24.51	23.02	92	67-120	13	20
Toluene	24.51	22.53	83	62-120	13	20
1,2-Dibromoethane	24.51	21.17	86	60-120	2	20
Ethylbenzene	24.51	19.43	75	60-120	10	21
1,2-Dichloroethane	24.51	21.14	85	60-120	14	20
m,p-Xylenes	49.02	35.93	69	58-120	13	22
o-Xylene	24.51	20.15	74	58-120	6	22

Surrogate	%REC	Limits
Dibromofluoromethane	102	79-120
1,2-Dichloroethane-d4	103	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	106	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW2B-12	Batch#:	117904
Lab ID:	189660-001	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	0.9615		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.96	mg/Kg
tert-Butyl Alcohol (TBA)	ND	96	ug/Kg
Isopropyl Ether (DIPE)	ND	4.8	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.8	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.8	ug/Kg
Ethanol	ND	960	ug/Kg
MTBE	ND	4.8	ug/Kg
Benzene	ND	4.8	ug/Kg
Toluene	ND	4.8	ug/Kg
1,2-Dibromoethane	ND	4.8	ug/Kg
Ethylbenzene	ND	4.8	ug/Kg
1,2-Dichloroethane	ND	4.8	ug/Kg
m,p-Xylenes	ND	4.8	ug/Kg
o-Xylene	ND	4.8	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	79-120
1,2-Dichloroethane-d4	96	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW2B-17	Batch#:	117904
Lab ID:	189660-002	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	0.9091		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.91	mg/Kg
tert-Butyl Alcohol (TBA)	ND	91	ug/Kg
Isopropyl Ether (DIPE)	ND	4.5	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.5	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.5	ug/Kg
Ethanol	ND	910	ug/Kg
MTBE	4.9	4.5	ug/Kg
Benzene	ND	4.5	ug/Kg
Toluene	ND	4.5	ug/Kg
1,2-Dibromoethane	ND	4.5	ug/Kg
Ethylbenzene	ND	4.5	ug/Kg
1,2-Dichloroethane	ND	4.5	ug/Kg
m,p-Xylenes	ND	4.5	ug/Kg
o-Xylene	ND	4.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	104	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW2B-24	Batch#:	117904
Lab ID:	189660-003	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	0.9804		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.98	mg/Kg
tert-Butyl Alcohol (TBA)	ND	98	ug/Kg
Isopropyl Ether (DIPE)	ND	4.9	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.9	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.9	ug/Kg
Ethanol	ND	980	ug/Kg
MTBE	ND	4.9	ug/Kg
Benzene	ND	4.9	ug/Kg
Toluene	ND	4.9	ug/Kg
1,2-Dibromoethane	ND	4.9	ug/Kg
Ethylbenzene	ND	4.9	ug/Kg
1,2-Dichloroethane	ND	4.9	ug/Kg
m,p-Xylenes	ND	4.9	ug/Kg
o-Xylene	ND	4.9	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	109	79-120
1,2-Dichloroethane-d4	104	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW1B-10	Basis:	as received
Lab ID:	189660-004	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06

Analyte	Result	RL	Units	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	790 H	200	mg/Kg	200.0	118102	10/04/06
tert-Butyl Alcohol (TBA)	ND	2,500	ug/Kg	25.00	118022	10/02/06
Isopropyl Ether (DIPE)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethyl tert-Butyl Ether (ETBE)	ND	130	ug/Kg	25.00	118022	10/02/06
Methyl tert-Amyl Ether (TAME)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethanol	ND	25,000	ug/Kg	25.00	118022	10/02/06
MTBE	ND	130	ug/Kg	25.00	118022	10/02/06
Benzene	ND	130	ug/Kg	25.00	118022	10/02/06
Toluene	ND	130	ug/Kg	25.00	118022	10/02/06
1,2-Dibromoethane	ND	130	ug/Kg	25.00	118022	10/02/06
Ethylbenzene	1,100	130	ug/Kg	25.00	118022	10/02/06
1,2-Dichloroethane	ND	130	ug/Kg	25.00	118022	10/02/06
m,p-Xylenes	130	130	ug/Kg	25.00	118022	10/02/06
o-Xylene	ND	130	ug/Kg	25.00	118022	10/02/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	80	79-120	25.00	118022	10/02/06
1,2-Dichloroethane-d4	102	76-130	25.00	118022	10/02/06
Toluene-d8	97	80-120	25.00	118022	10/02/06
Bromofluorobenzene	113	80-126	25.00	118022	10/02/06
Trifluorotoluene (MeOH)	107	53-133	25.00	118022	10/02/06

H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW1B-15	Batch#:	117904
Lab ID:	189660-005	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	0.8772		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.88	mg/Kg
tert-Butyl Alcohol (TBA)	ND	88	ug/Kg
Isopropyl Ether (DIPE)	ND	4.4	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.4	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.4	ug/Kg
Ethanol	ND	880	ug/Kg
MTBE	31	4.4	ug/Kg
Benzene	ND	4.4	ug/Kg
Toluene	ND	4.4	ug/Kg
1,2-Dibromoethane	ND	4.4	ug/Kg
Ethylbenzene	ND	4.4	ug/Kg
1,2-Dichloroethane	ND	4.4	ug/Kg
m,p-Xylenes	ND	4.4	ug/Kg
o-Xylene	ND	4.4	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	93	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW1B-23	Batch#:	117904
Lab ID:	189660-006	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	0.8772		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.88	mg/Kg
tert-Butyl Alcohol (TBA)	ND	88	ug/Kg
Isopropyl Ether (DIPE)	ND	4.4	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.4	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.4	ug/Kg
Ethanol	ND	880	ug/Kg
MTBE	ND	4.4	ug/Kg
Benzene	ND	4.4	ug/Kg
Toluene	ND	4.4	ug/Kg
1,2-Dibromoethane	ND	4.4	ug/Kg
Ethylbenzene	ND	4.4	ug/Kg
1,2-Dichloroethane	ND	4.4	ug/Kg
m,p-Xylenes	ND	4.4	ug/Kg
o-Xylene	ND	4.4	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW3B-19	Batch#:	117904
Lab ID:	189660-007	Sampled:	09/25/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	1.000		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	BH14-8.5	Batch#:	117904
Lab ID:	189660-008	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06
Diln Fac:	0.9259		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.93	mg/Kg
tert-Butyl Alcohol (TBA)	ND	93	ug/Kg
Isopropyl Ether (DIPE)	ND	4.6	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.6	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.6	ug/Kg
Ethanol	ND	930	ug/Kg
MTBE	ND	4.6	ug/Kg
Benzene	ND	4.6	ug/Kg
Toluene	ND	4.6	ug/Kg
1,2-Dibromoethane	ND	4.6	ug/Kg
Ethylbenzene	ND	4.6	ug/Kg
1,2-Dichloroethane	ND	4.6	ug/Kg
m,p-Xylenes	ND	4.6	ug/Kg
o-Xylene	ND	4.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	BH14-15	Batch#:	118022
Lab ID:	189660-009	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9091		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.91	mg/Kg
tert-Butyl Alcohol (TBA)	ND	91	ug/Kg
Isopropyl Ether (DIPE)	ND	4.5	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.5	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.5	ug/Kg
Ethanol	ND	910	ug/Kg
MTBE	17	4.5	ug/Kg
Benzene	ND	4.5	ug/Kg
Toluene	ND	4.5	ug/Kg
1,2-Dibromoethane	ND	4.5	ug/Kg
Ethylbenzene	ND	4.5	ug/Kg
1,2-Dichloroethane	ND	4.5	ug/Kg
m,p-Xylenes	ND	4.5	ug/Kg
o-Xylene	ND	4.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	88	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	BH14-19.5	Batch#:	118022
Lab ID:	189660-010	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9434		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.94	mg/Kg
tert-Butyl Alcohol (TBA)	ND	94	ug/Kg
Isopropyl Ether (DIPE)	ND	4.7	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.7	ug/Kg
Ethanol	ND	940	ug/Kg
MTBE	ND	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
m,p-Xylenes	ND	4.7	ug/Kg
o-Xylene	ND	4.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	90	79-120
1,2-Dichloroethane-d4	91	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	BH14-24.5	Batch#:	118022
Lab ID:	189660-011	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.8621		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.86	mg/Kg
tert-Butyl Alcohol (TBA)	ND	86	ug/Kg
Isopropyl Ether (DIPE)	ND	4.3	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.3	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.3	ug/Kg
Ethanol	ND	860	ug/Kg
MTBE	ND	4.3	ug/Kg
Benzene	ND	4.3	ug/Kg
Toluene	ND	4.3	ug/Kg
1,2-Dibromoethane	ND	4.3	ug/Kg
Ethylbenzene	ND	4.3	ug/Kg
1,2-Dichloroethane	ND	4.3	ug/Kg
m,p-Xylenes	ND	4.3	ug/Kg
o-Xylene	ND	4.3	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	88	79-120
1,2-Dichloroethane-d4	90	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW4B-17	Batch#:	117987
Lab ID:	189660-012	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9259		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.93	mg/Kg
tert-Butyl Alcohol (TBA)	ND	93	ug/Kg
Isopropyl Ether (DIPE)	ND	4.6	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.6	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.6	ug/Kg
Ethanol	ND	930	ug/Kg
MTBE	ND	4.6	ug/Kg
Benzene	ND	4.6	ug/Kg
Toluene	ND	4.6	ug/Kg
1,2-Dibromoethane	ND	4.6	ug/Kg
Ethylbenzene	ND	4.6	ug/Kg
1,2-Dichloroethane	ND	4.6	ug/Kg
m,p-Xylenes	ND	4.6	ug/Kg
o-Xylene	ND	4.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW5B-8.5	Basis:	as received
Lab ID:	189660-013	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06

Analyte	Result	RL	Units	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	930 H	250	mg/Kg	250.0	118058	10/03/06
tert-Butyl Alcohol (TBA)	ND	2,500	ug/Kg	25.00	118022	10/02/06
Isopropyl Ether (DIPE)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethyl tert-Butyl Ether (ETBE)	ND	130	ug/Kg	25.00	118022	10/02/06
Methyl tert-Amyl Ether (TAME)	ND	130	ug/Kg	25.00	118022	10/02/06
Ethanol	ND	25,000	ug/Kg	25.00	118022	10/02/06
MTBE	ND	130	ug/Kg	25.00	118022	10/02/06
Benzene	ND	130	ug/Kg	25.00	118022	10/02/06
Toluene	ND	130	ug/Kg	25.00	118022	10/02/06
1,2-Dibromoethane	ND	130	ug/Kg	25.00	118022	10/02/06
Ethylbenzene	640	130	ug/Kg	25.00	118022	10/02/06
1,2-Dichloroethane	ND	130	ug/Kg	25.00	118022	10/02/06
m,p-Xylenes	ND	130	ug/Kg	25.00	118022	10/02/06
o-Xylene	ND	130	ug/Kg	25.00	118022	10/02/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	84	79-120	25.00	118022	10/02/06
1,2-Dichloroethane-d4	110	76-130	25.00	118022	10/02/06
Toluene-d8	100	80-120	25.00	118022	10/02/06
Bromofluorobenzene	119	80-126	25.00	118022	10/02/06
Trifluorotoluene (MeOH)	104	53-133	25.00	118022	10/02/06

H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW5B-15	Batch#:	117987
Lab ID:	189660-014	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9434		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.94	mg/Kg
tert-Butyl Alcohol (TBA)	ND	94	ug/Kg
Isopropyl Ether (DIPE)	ND	4.7	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.7	ug/Kg
Ethanol	ND	940	ug/Kg
MTBE	7.2	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
m,p-Xylenes	ND	4.7	ug/Kg
o-Xylene	ND	4.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW5B-21.5	Batch#:	117987
Lab ID:	189660-015	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.9434		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.94	mg/Kg
tert-Butyl Alcohol (TBA)	ND	94	ug/Kg
Isopropyl Ether (DIPE)	ND	4.7	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.7	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.7	ug/Kg
Ethanol	ND	940	ug/Kg
MTBE	ND	4.7	ug/Kg
Benzene	ND	4.7	ug/Kg
Toluene	ND	4.7	ug/Kg
1,2-Dibromoethane	ND	4.7	ug/Kg
Ethylbenzene	ND	4.7	ug/Kg
1,2-Dichloroethane	ND	4.7	ug/Kg
m,p-Xylenes	ND	4.7	ug/Kg
o-Xylene	ND	4.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	104	79-120
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW5B-24	Batch#:	117987
Lab ID:	189660-016	Sampled:	09/26/06
Matrix:	Soil	Received:	09/26/06
Basis:	as received	Analyzed:	10/02/06
Diln Fac:	0.8929		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	0.89	mg/Kg
tert-Butyl Alcohol (TBA)	ND	89	ug/Kg
Isopropyl Ether (DIPE)	ND	4.5	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	4.5	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	4.5	ug/Kg
Ethanol	ND	890	ug/Kg
MTBE	ND	4.5	ug/Kg
Benzene	ND	4.5	ug/Kg
Toluene	ND	4.5	ug/Kg
1,2-Dibromoethane	ND	4.5	ug/Kg
Ethylbenzene	ND	4.5	ug/Kg
1,2-Dichloroethane	ND	4.5	ug/Kg
m,p-Xylenes	ND	4.5	ug/Kg
o-Xylene	ND	4.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	105	79-120
1,2-Dichloroethane-d4	103	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358077	Diln Fac:	1.000
Matrix:	Soil	Batch#:	117904
Units:	ug/Kg	Analyzed:	09/28/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	110.0	88	52-152
Isopropyl Ether (DIPE)	25.00	18.67	75	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	24.87	99	76-133
Methyl tert-Amyl Ether (TAME)	25.00	23.13	93	74-120
MTBE	25.00	21.02	84	69-120
Benzene	25.00	25.17	101	80-120
Toluene	25.00	26.27	105	80-120
1,2-Dibromoethane	25.00	24.30	97	78-120
Ethylbenzene	25.00	27.22	109	80-120
1,2-Dichloroethane	25.00	23.30	93	72-120
m,p-Xylenes	50.00	54.54	109	80-120
o-Xylene	25.00	27.05	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	100	80-120
Bromofluorobenzene	96	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358078	Batch#:	117904
Matrix:	Soil	Analyzed:	09/28/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	107	79-120
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	117904
Basis:	as received	Analyzed:	09/28/06

Type: BS Lab ID: QC358079

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.115	111	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

Type: BSD Lab ID: QC358080

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.173	117	70-130	5	30

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	MW2B-24	Dil'n Fac:	0.9804
MSS Lab ID:	189660-003	Batch#:	117904
Matrix:	Soil	Sampled:	09/25/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	09/29/06

Type: MS Lab ID: QC358200

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.403	122.5	105.1	86	41-149
Isopropyl Ether (DIPE)	<0.1337	24.51	18.15	74	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.1074	24.51	23.59	96	64-131
Methyl tert-Amyl Ether (TAME)	<0.09438	24.51	20.99	86	62-120
MTBE	1.438	24.51	21.07	80	56-120
Benzene	<0.1925	24.51	23.28	95	67-120
Toluene	<0.2524	24.51	24.15	99	62-120
1,2-Dibromoethane	<0.2877	24.51	19.47	79	60-120
Ethylbenzene	<0.3561	24.51	24.48	100	60-120
1,2-Dichloroethane	0.6180	24.51	18.28	72	60-120
m,p-Xylenes	<0.5854	49.02	48.85	100	58-120
o-Xylene	<0.1744	24.51	24.26	99	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	88	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-126

Type: MSD Lab ID: QC358201

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	122.5	102.4	84	41-149	3	37
Isopropyl Ether (DIPE)	24.51	17.77	73	55-123	2	23
Ethyl tert-Butyl Ether (ETBE)	24.51	22.56	92	64-131	4	22
Methyl tert-Amyl Ether (TAME)	24.51	20.39	83	62-120	3	20
MTBE	24.51	20.33	77	56-120	4	23
Benzene	24.51	24.03	98	67-120	3	20
Toluene	24.51	25.03	102	62-120	4	20
1,2-Dibromoethane	24.51	19.77	81	60-120	2	20
Ethylbenzene	24.51	25.34	103	60-120	3	21
1,2-Dichloroethane	24.51	18.65	74	60-120	2	20
m,p-Xylenes	49.02	51.02	104	58-120	4	22
o-Xylene	24.51	25.10	102	58-120	3	22

Surrogate	%REC	Limits
Dibromofluoromethane	93	79-120
1,2-Dichloroethane-d4	90	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358407	Diln Fac:	1.000
Matrix:	Soil	Batch#:	117987
Units:	ug/Kg	Analyzed:	10/01/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	151.4	121	52-152
Isopropyl Ether (DIPE)	25.00	22.69	91	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	29.79	119	76-133
Methyl tert-Amyl Ether (TAME)	25.00	27.66	111	74-120
MTBE	25.00	25.38	102	69-120
Benzene	25.00	27.38	110	80-120
Toluene	25.00	28.69	115	80-120
1,2-Dibromoethane	25.00	26.22	105	78-120
Ethylbenzene	25.00	28.24	113	80-120
1,2-Dichloroethane	25.00	22.32	89	72-120
m,p-Xylenes	50.00	56.99	114	80-120
o-Xylene	25.00	29.05	116	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	84	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	117987
Basis:	as received	Analyzed:	10/01/06

Type: BS Lab ID: QC358422

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.155	115	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	90	79-120
1,2-Dichloroethane-d4	87	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	95	80-126

Type: BSD Lab ID: QC358423

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	0.9579	96	70-130	19	30

Surrogate	%REC	Limits
Dibromofluoromethane	89	79-120
1,2-Dichloroethane-d4	83	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	94	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358424	Batch#:	117987
Matrix:	Soil	Analyzed:	10/02/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Dil'n Fac:	0.8929
MSS Lab ID:	189703-001	Batch#:	117987
Matrix:	Soil	Sampled:	09/26/06
Units:	ug/Kg	Received:	09/27/06
Basis:	as received		

Type: MS Analyzed: 10/02/06
Lab ID: QC358425

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.277	223.2	274.1	123	41-149
Isopropyl Ether (DIPE)	<0.1218	44.64	32.01	72	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.09782	44.64	44.41	99	64-131
Methyl tert-Amyl Ether (TAME)	<0.08595	44.64	41.69	93	62-120
MTBE	<0.1058	44.64	39.77	89	56-120
Benzene	<0.1753	44.64	34.62	78	67-120
Toluene	<0.2298	44.64	30.28	68	62-120
1,2-Dibromoethane	<0.2620	44.64	22.80	51 *	60-120
Ethylbenzene	<0.3243	44.64	27.59	62	60-120
1,2-Dichloroethane	<0.1799	44.64	25.90	58 *	60-120
m,p-Xylenes	<0.5331	89.29	53.09	59	58-120
o-Xylene	<0.1589	44.64	28.91	65	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	89	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

Type: MSD Analyzed: 10/03/06
Lab ID: QC358426

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	223.2	268.1	120	41-149	2	37
Isopropyl Ether (DIPE)	44.64	33.82	76	55-123	5	23
Ethyl tert-Butyl Ether (ETBE)	44.64	46.92	105	64-131	5	22
Methyl tert-Amyl Ether (TAME)	44.64	43.73	98	62-120	5	20
MTBE	44.64	41.38	93	56-120	4	23
Benzene	44.64	36.69	82	67-120	6	20
Toluene	44.64	32.85	74	62-120	8	20
1,2-Dibromoethane	44.64	24.24	54 *	60-120	6	20
Ethylbenzene	44.64	30.22	68	60-120	9	21
1,2-Dichloroethane	44.64	28.20	63	60-120	9	20
m,p-Xylenes	89.29	57.93	65	58-120	9	22
o-Xylene	44.64	30.81	69	58-120	6	22

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358554	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118022
Units:	ug/Kg	Analyzed:	10/02/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	129.3	103	52-152
Isopropyl Ether (DIPE)	25.00	20.85	83	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	28.03	112	76-133
Methyl tert-Amyl Ether (TAME)	25.00	25.87	103	74-120
MTBE	25.00	23.20	93	69-120
Benzene	25.00	25.92	104	80-120
Toluene	25.00	27.08	108	80-120
1,2-Dibromoethane	25.00	25.29	101	78-120
Ethylbenzene	25.00	28.30	113	80-120
1,2-Dichloroethane	25.00	21.65	87	72-120
m,p-Xylenes	50.00	57.35	115	80-120
o-Xylene	25.00	29.77	119	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	85	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	118022
Basis:	as received	Analyzed:	10/02/06

Type: BS Lab ID: QC358555

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2.000	2.447	122	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	85	79-120
1,2-Dichloroethane-d4	85	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

Type: BSD Lab ID: QC358556

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2.000	2.277	114	70-130	7	30

Surrogate	%REC	Limits
Dibromofluoromethane	86	79-120
1,2-Dichloroethane-d4	86	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358557	Batch#:	118022
Matrix:	Soil	Analyzed:	10/02/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	90	79-120
1,2-Dichloroethane-d4	87	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	BH14-15	Dil'n Fac:	0.9091
MSS Lab ID:	189660-009	Batch#:	118022
Matrix:	Soil	Sampled:	09/26/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	10/03/06

Type: MS Lab ID: QC358576

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.301	227.3	184.4	81	41-149
Isopropyl Ether (DIPE)	<0.1240	45.45	25.55	56	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.09960	45.45	35.21	77	64-131
Methyl tert-Amyl Ether (TAME)	0.7445	45.45	33.80	73	62-120
MTBE	16.80	45.45	40.96	53 *	56-120
Benzene	<0.1785	45.45	37.16	82	67-120
Toluene	<0.2340	45.45	39.99	88	62-120
1,2-Dibromoethane	<0.2667	45.45	34.70	76	60-120
Ethylbenzene	<0.3302	45.45	40.78	90	60-120
1,2-Dichloroethane	<0.1832	45.45	29.25	64	60-120
m,p-Xylenes	<0.5428	90.91	81.66	90	58-120
o-Xylene	<0.1618	45.45	41.57	91	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	92	79-120
1,2-Dichloroethane-d4	91	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	95	80-126

Type: MSD Lab ID: QC358577

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	227.3	184.1	81	41-149	0	37
Isopropyl Ether (DIPE)	45.45	24.98	55	55-123	2	23
Ethyl tert-Butyl Ether (ETBE)	45.45	34.62	76	64-131	2	22
Methyl tert-Amyl Ether (TAME)	45.45	34.09	73	62-120	1	20
MTBE	45.45	44.48	61	56-120	8	23
Benzene	45.45	40.71	90	67-120	9	20
Toluene	45.45	43.89	97	62-120	9	20
1,2-Dibromoethane	45.45	39.44	87	60-120	13	20
Ethylbenzene	45.45	44.71	98	60-120	9	21
1,2-Dichloroethane	45.45	32.98	73	60-120	12	20
m,p-Xylenes	90.91	89.07	98	58-120	9	22
o-Xylene	45.45	45.80	101	58-120	10	22

Surrogate	%REC	Limits
Dibromofluoromethane	91	79-120
1,2-Dichloroethane-d4	90	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358700	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118058
Units:	ug/Kg	Analyzed:	10/03/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	107.7	86	52-152
Isopropyl Ether (DIPE)	25.00	17.59	70	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	24.03	96	76-133
Methyl tert-Amyl Ether (TAME)	25.00	22.66	91	74-120
MTBE	25.00	20.57	82	69-120
Benzene	25.00	24.62	98	80-120
Toluene	25.00	25.28	101	80-120
1,2-Dibromoethane	25.00	23.92	96	78-120
Ethylbenzene	25.00	27.15	109	80-120
1,2-Dichloroethane	25.00	22.76	91	72-120
m,p-Xylenes	50.00	53.19	106	80-120
o-Xylene	25.00	27.08	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	96	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358701	Batch#:	118058
Matrix:	Soil	Analyzed:	10/03/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	98	79-120
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	118058
Basis:	as received	Analyzed:	10/03/06

Type: BS Lab ID: QC358702

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9818	98	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	98	80-126

Type: BSD Lab ID: QC358703

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.153	115	70-130	16	30

Surrogate	%REC	Limits
Dibromofluoromethane	92	79-120
1,2-Dichloroethane-d4	97	76-130
Toluene-d8	95	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Dil'n Fac:	0.9615
MSS Lab ID:	189667-018	Batch#:	118058
Matrix:	Soil	Sampled:	09/25/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	10/04/06

Type: MS Lab ID: QC358818

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.376	120.2	74.92	62	41-149
Isopropyl Ether (DIPE)	<0.1312	24.04	13.38	56	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.1053	24.04	17.45	73	64-131
Methyl tert-Amyl Ether (TAME)	<0.09257	24.04	15.89	66	62-120
MTBE	<0.1139	24.04	14.64	61	56-120
Benzene	2.073	24.04	21.12	79	67-120
Toluene	<0.2475	24.04	20.71	86	62-120
1,2-Dibromoethane	<0.2821	24.04	16.40	68	60-120
Ethylbenzene	5.657	24.04	23.18	73	60-120
1,2-Dichloroethane	<0.1937	24.04	15.10	63	60-120
m,p-Xylenes	<0.5741	48.08	42.33	88	58-120
o-Xylene	<0.1711	24.04	20.90	87	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	79-120
1,2-Dichloroethane-d4	95	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

Type: MSD Lab ID: QC358819

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	120.2	74.30	62	41-149	1	37
Isopropyl Ether (DIPE)	24.04	15.43	64	55-123	14	23
Ethyl tert-Butyl Ether (ETBE)	24.04	19.60	82	64-131	12	22
Methyl tert-Amyl Ether (TAME)	24.04	17.34	72	62-120	9	20
MTBE	24.04	15.61	65	56-120	6	23
Benzene	24.04	22.87	86	67-120	8	20
Toluene	24.04	21.92	91	62-120	6	20
1,2-Dibromoethane	24.04	16.57	69	60-120	1	20
Ethylbenzene	24.04	26.44	86	60-120	13	21
1,2-Dichloroethane	24.04	15.63	65	60-120	3	20
m,p-Xylenes	48.08	44.99	94	58-120	6	22
o-Xylene	24.04	21.84	91	58-120	4	22

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC358885	Diln Fac:	1.000
Matrix:	Soil	Batch#:	118102
Units:	ug/Kg	Analyzed:	10/04/06

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	107.8	86	52-152
Isopropyl Ether (DIPE)	25.00	18.70	75	65-128
Ethyl tert-Butyl Ether (ETBE)	25.00	24.60	98	76-133
Methyl tert-Amyl Ether (TAME)	25.00	22.50	90	74-120
MTBE	25.00	20.86	83	69-120
Benzene	25.00	25.75	103	80-120
Toluene	25.00	26.30	105	80-120
1,2-Dibromoethane	25.00	25.12	100	78-120
Ethylbenzene	25.00	27.30	109	80-120
1,2-Dichloroethane	25.00	24.02	96	72-120
m,p-Xylenes	50.00	54.08	108	80-120
o-Xylene	25.00	27.12	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	98	80-126

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	118102
Basis:	as received	Analyzed:	10/04/06

Type: BS Lab ID: QC358886

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2.000	2.599	130	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	97	79-120
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

Type: BSD Lab ID: QC358887

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2.000	2.592	130	70-130	0	30

Surrogate	%REC	Limits
Dibromofluoromethane	98	79-120
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC358888	Batch#:	118102
Matrix:	Soil	Analyzed:	10/04/06
Basis:	as received		

Analyte	Result	RL	Units
Gasoline C7-C12	ND	1.0	mg/Kg
tert-Butyl Alcohol (TBA)	ND	100	ug/Kg
Isopropyl Ether (DIPE)	ND	5.0	ug/Kg
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/Kg
Methyl tert-Amyl Ether (TAME)	ND	5.0	ug/Kg
Ethanol	ND	1,000	ug/Kg
MTBE	ND	5.0	ug/Kg
Benzene	ND	5.0	ug/Kg
Toluene	ND	5.0	ug/Kg
1,2-Dibromoethane	ND	5.0	ug/Kg
Ethylbenzene	ND	5.0	ug/Kg
1,2-Dichloroethane	ND	5.0	ug/Kg
m,p-Xylenes	ND	5.0	ug/Kg
o-Xylene	ND	5.0	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	103	79-120
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	94	80-120
Bromofluorobenzene	97	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Gasoline by GC/MS

Lab #:	189660	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2006-65	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Dil'n Fac:	0.9804
MSS Lab ID:	189667-023	Batch#:	118102
Matrix:	Soil	Sampled:	09/25/06
Units:	ug/Kg	Received:	09/26/06
Basis:	as received	Analyzed:	10/05/06

Type: MS Lab ID: QC358993

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	1.924	122.5	116.5	93	41-149
Isopropyl Ether (DIPE)	<0.1337	24.51	18.31	75	55-123
Ethyl tert-Butyl Ether (ETBE)	<0.1074	24.51	25.37	104	64-131
Methyl tert-Amyl Ether (TAME)	<0.09438	24.51	21.69	89	62-120
MTBE	<0.1161	24.51	21.52	88	56-120
Benzene	0.4366	24.51	26.22	105	67-120
Toluene	2.128	24.51	25.62	96	62-120
1,2-Dibromoethane	<0.2877	24.51	21.52	88	60-120
Ethylbenzene	1.121	24.51	21.41	83	60-120
1,2-Dichloroethane	0.3144	24.51	24.34	98	60-120
m,p-Xylenes	1.881	49.02	40.74	79	58-120
o-Xylene	1.960	24.51	21.32	79	58-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	79-120
1,2-Dichloroethane-d4	115	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	107	80-126

Type: MSD Lab ID: QC358994

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	122.5	114.5	92	41-149	2	37
Isopropyl Ether (DIPE)	24.51	18.56	76	55-123	1	23
Ethyl tert-Butyl Ether (ETBE)	24.51	24.89	102	64-131	2	22
Methyl tert-Amyl Ether (TAME)	24.51	21.44	87	62-120	1	20
MTBE	24.51	20.09	82	56-120	7	23
Benzene	24.51	23.02	92	67-120	13	20
Toluene	24.51	22.53	83	62-120	13	20
1,2-Dibromoethane	24.51	21.17	86	60-120	2	20
Ethylbenzene	24.51	19.43	75	60-120	10	21
1,2-Dichloroethane	24.51	21.14	85	60-120	14	20
m,p-Xylenes	49.02	35.93	69	58-120	13	22
o-Xylene	24.51	20.15	74	58-120	6	22

Surrogate	%REC	Limits
Dibromofluoromethane	102	79-120
1,2-Dichloroethane-d4	103	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	106	80-126

RPD= Relative Percent Difference

189669

Chain of Custody Record

Lab job no. _____
Date _____
Page 1 of 2

Laboratory Curtis and Tompkins, Ltd.
Address 2323 Fifth Street
Berkeley, California 94710
510-486-0900

Project Owner Larry Wadler
Site Address 2836 Union St.
Oakland, CA
Project Name USTCF Claim No. 018639
Project Number 2006-65

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: (Signature) Henry Pietropaoli

	Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	8260	8260 HVP	BTXE, MTBE, Oxygenates, Ethanol (8260)	TPH-G (8015M)	Remarks
-1	MW2B-12	12-12.5	9/25/06	0845	Soil	Acetate Sleeve	yes	no		1	X	X	X	X	
-2	MW2B-17	17-17.5		0850						1					
-3	MW 2B-23	23-24		0855						1					
-4	MW1B-10	10-10.5		1050						1					
-5	MW1B-15	15-15.5		1120						1					
-6	MW1B-23	23-23.5		1140						1					
-7	MW 3B-19	19-19.5		1145						1					
-8	BH14-8.5	8.5-9	9/26/06	1035						1					
-9	BH14-15	15-15.5		1040						1					
-10	BH14-19.5	19.5-20		1050						1					
-11	BH14-24.5	24.5-25		1100						1					
-12	MW4B-17	17-17.5		1155						1					

Relinquished by:	Date	Received by:	Date	Relinquished by:	Date	Received by:	Date
Signature Henry Pietropaoli	9/26/06	Signature Joel Ingram		Signature		Signature	
Printed Henry Pietropaoli	Time 1600	Printed Joel Ingram	Time	Printed	Time	Printed	Time
Company Stellar Environmental		Company C&T		Company		Company	

Turnaround Time: 5-Day Turnaround Time

Comments: _____

Relinquished by:	Date	Received by:	Date
Signature		Signature	
Printed	Time	Printed	Time
Company		Company	

2000-00-01

★ Stellar Environmental Solutions

2198 Sixth Street #201, Berkeley, CA 94710

Ambient

189661

Chain of Custody Record

Lab job no. _____
Date _____
Page 2 of 2

Laboratory Curtis and Tompkins, Ltd.
Address 2323 Fifth Street
Berkeley, California 94710
510-486-0900

Project Owner Larry Wadler
Site Address 2836 Union St.
Oakland, CA
Project Name USTCF Claim No. 018639
Project Number 2006-65

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: (Signature) Henry Pietropaoli

	Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	8260	BTXE, MTBE oxygenates (By 8260)	ETHANOL (8260)	TPH-G (8015m)	Remarks
-13	MW 5B-8.5	8.5-9.0	9/26/06	0910	Soil	Acetate Sleeve	yes	no		1	X	X	X	X	
-14	MW 5B-15	15-15.5	"	0915	"	"	"	"		1	X	X	X	X	
-15	MW 5B-21.5	21.5-22	"	0930	"	"	"	"		1	X	X	X	X	
-16	MW 5B-24	24-24.5	"	0945	"	"	"	"		1	X	X	X	X	

Relinquished by:	Date	Received by:	Date
Signature Henry Pietropaoli	9/26/06	Signature Joel Ingram	
Printed Henry Pietropaoli	Time 1600	Printed Joel Ingram	Time
Company Stellar Environmental		Company CET	

Relinquished by:	Date	Received by:	Date
Signature		Signature	
Printed	Time	Printed	Time
Company		Company	

Relinquished by:	Date	Received by:	Date
Signature		Signature	
Printed	Time	Printed	Time
Company		Company	

Turnaround Time: 5-Day Turnaround Time
Comments: _____

2000-00-01

★ Stellar Environmental Solutions

2198 Sixth Street #201, Berkeley, CA 94710

Ambient Intact

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	10/05/06
Units:	ug/L	Received:	10/06/06
Batch#:	118313		

Field ID: MW-1B
Type: SAMPLE
Lab ID: 189943-001
Diln Fac: 1.000
Analyzed: 10/11/06

Analyte	Result	RL
Gasoline C7-C12	350 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	69-137
Bromofluorobenzene (FID)	96	80-133

Field ID: MW-2A
Type: SAMPLE
Lab ID: 189943-002
Diln Fac: 1.000
Analyzed: 10/11/06

Analyte	Result	RL
Gasoline C7-C12	80 Y	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	69-137
Bromofluorobenzene (FID)	93	80-133

Field ID: MW-3B
Type: SAMPLE
Lab ID: 189943-003
Diln Fac: 1.000
Analyzed: 10/11/06

Analyte	Result	RL
Gasoline C7-C12	1,900 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	69-137
Bromofluorobenzene (FID)	94	80-133

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	10/05/06
Units:	ug/L	Received:	10/06/06
Batch#:	118313		

Field ID: MW-4B
Type: SAMPLE
Lab ID: 189943-004

Diln Fac: 1.000
Analyzed: 10/11/06

Analyte	Result	RL
Gasoline C7-C12	1,100 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	69-137
Bromofluorobenzene (FID)	91	80-133

Field ID: MW-5B
Type: SAMPLE
Lab ID: 189943-005

Diln Fac: 10.00
Analyzed: 10/12/06

Analyte	Result	RL
Gasoline C7-C12	13,000 Y	500

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	69-137
Bromofluorobenzene (FID)	99	80-133

Type: BLANK
Lab ID: QC359791

Diln Fac: 1.000
Analyzed: 10/11/06

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	69-137
Bromofluorobenzene (FID)	91	80-133

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC359792	Batch#:	118313
Matrix:	Water	Analyzed:	10/11/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,996	100	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	69-137
Bromofluorobenzene (FID)	99	80-133

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	118313
MSS Lab ID:	189834-004	Sampled:	10/03/06
Matrix:	Water	Received:	10/03/06
Units:	ug/L	Analyzed:	10/11/06
Diln Fac:	1.000		

Type: MS Lab ID: QC359879

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	109.5	2,000	1,963	93	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	69-137
Bromofluorobenzene (FID)	94	80-133

Type: MSD Lab ID: QC359880

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,931	91	80-120	2	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	69-137
Bromofluorobenzene (FID)	95	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW-1B	Batch#:	118404
Lab ID:	189943-001	Sampled:	10/05/06
Matrix:	Water	Received:	10/06/06
Units:	ug/L	Analyzed:	10/13/06
Diln Fac:	2.500		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	25
MTBE	2.7	1.3
Isopropyl Ether (DIPE)	ND	1.3
Ethyl tert-Butyl Ether (ETBE)	ND	1.3
1,2-Dichloroethane	3.1	1.3
Benzene	ND	1.3
Methyl tert-Amyl Ether (TAME)	ND	1.3
Ethanol	ND	2,500
Toluene	ND	1.3
1,2-Dibromoethane	ND	1.3
Ethylbenzene	ND	1.3
m,p-Xylenes	ND	1.3
o-Xylene	ND	1.3

Surrogate	%REC	Limits
Dibromofluoromethane	113	80-120
1,2-Dichloroethane-d4	116	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	161 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW-2A	Batch#:	118347
Lab ID:	189943-002	Sampled:	10/05/06
Matrix:	Water	Received:	10/06/06
Units:	ug/L	Analyzed:	10/12/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Ethanol	ND	1,000
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	110	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	141 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW-3B	Batch#:	118404
Lab ID:	189943-003	Sampled:	10/05/06
Matrix:	Water	Received:	10/06/06
Units:	ug/L	Analyzed:	10/14/06
Diln Fac:	20.00		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	200
MTBE	ND	10
Isopropyl Ether (DIPE)	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	10
1,2-Dichloroethane	ND	10
Benzene	ND	10
Methyl tert-Amyl Ether (TAME)	ND	10
Ethanol	ND	20,000
Toluene	ND	10
1,2-Dibromoethane	ND	10
Ethylbenzene	ND	10
m,p-Xylenes	ND	10
o-Xylene	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	117	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	169 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW-4B	Batch#:	118347
Lab ID:	189943-004	Sampled:	10/05/06
Matrix:	Water	Received:	10/06/06
Units:	ug/L	Analyzed:	10/13/06
Diln Fac:	5.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	50
MTBE	ND	2.5
Isopropyl Ether (DIPE)	ND	2.5
Ethyl tert-Butyl Ether (ETBE)	ND	2.5
1,2-Dichloroethane	ND	2.5
Benzene	ND	2.5
Methyl tert-Amyl Ether (TAME)	ND	2.5
Ethanol	ND	5,000
Toluene	ND	2.5
1,2-Dibromoethane	ND	2.5
Ethylbenzene	ND	2.5
m,p-Xylenes	ND	2.5
o-Xylene	ND	2.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	95	80-120
Bromofluorobenzene	146 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Field ID:	MW-5B	Batch#:	118347
Lab ID:	189943-005	Sampled:	10/05/06
Matrix:	Water	Received:	10/06/06
Units:	ug/L	Analyzed:	10/13/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	37	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	9.6	0.5
Methyl tert-Amyl Ether (TAME)	1.5	0.5
Ethanol	ND	1,000
Toluene	0.6	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	21	0.5
m,p-Xylenes	1.9	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	105	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	118347
Units:	ug/L	Analyzed:	10/12/06
Diln Fac:	1.000		

Type: BS Lab ID: QC359941

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	123.6	99	64-141
MTBE	25.00	23.32	93	72-120
Isopropyl Ether (DIPE)	25.00	22.32	89	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	28.13	113	77-129
1,2-Dichloroethane	25.00	25.00	100	77-120
Benzene	25.00	25.40	102	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.72	95	77-120
Toluene	25.00	23.89	96	80-120
1,2-Dibromoethane	25.00	22.40	90	80-120
Ethylbenzene	25.00	24.20	97	80-120
m,p-Xylenes	50.00	47.88	96	80-121
o-Xylene	25.00	24.97	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-122

Type: BSD Lab ID: QC359942

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	119.5	96	64-141	3	22
MTBE	25.00	24.75	99	72-120	6	20
Isopropyl Ether (DIPE)	25.00	21.54	86	68-123	4	20
Ethyl tert-Butyl Ether (ETBE)	25.00	27.55	110	77-129	2	20
1,2-Dichloroethane	25.00	24.20	97	77-120	3	20
Benzene	25.00	24.40	98	80-120	4	20
Methyl tert-Amyl Ether (TAME)	25.00	23.35	93	77-120	2	20
Toluene	25.00	23.47	94	80-120	2	20
1,2-Dibromoethane	25.00	23.14	93	80-120	3	20
Ethylbenzene	25.00	23.74	95	80-120	2	20
m,p-Xylenes	50.00	45.87	92	80-121	4	20
o-Xylene	25.00	23.99	96	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC359944	Batch#:	118347
Matrix:	Water	Analyzed:	10/12/06
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Ethanol	ND	1,000
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	150 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	118404
Units:	ug/L	Analyzed:	10/13/06
Diln Fac:	1.000		

Type: BS Lab ID: QC360190

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	120.8	97	64-141
MTBE	25.00	23.86	95	72-120
Isopropyl Ether (DIPE)	25.00	21.95	88	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	27.72	111	77-129
1,2-Dichloroethane	25.00	25.35	101	77-120
Benzene	25.00	25.08	100	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.10	92	77-120
Toluene	25.00	25.07	100	80-120
1,2-Dibromoethane	25.00	23.06	92	80-120
Ethylbenzene	25.00	25.77	103	80-120
m,p-Xylenes	50.00	48.19	96	80-121
o-Xylene	25.00	24.56	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	108	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	110	80-122

Type: BSD Lab ID: QC360191

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	112.3	90	64-141	7	22
MTBE	25.00	24.05	96	72-120	1	20
Isopropyl Ether (DIPE)	25.00	20.89	84	68-123	5	20
Ethyl tert-Butyl Ether (ETBE)	25.00	27.24	109	77-129	2	20
1,2-Dichloroethane	25.00	24.22	97	77-120	5	20
Benzene	25.00	23.83	95	80-120	5	20
Methyl tert-Amyl Ether (TAME)	25.00	22.55	90	77-120	2	20
Toluene	25.00	22.92	92	80-120	9	20
1,2-Dibromoethane	25.00	22.26	89	80-120	4	20
Ethylbenzene	25.00	25.26	101	80-120	2	20
m,p-Xylenes	50.00	49.12	98	80-121	2	20
o-Xylene	25.00	25.33	101	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	110	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

BTXE & Oxygenates

Lab #:	189943	Location:	USTCF Claim No. 018639
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	2005-65	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC360192	Batch#:	118404
Matrix:	Water	Analyzed:	10/13/06
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Ethanol	ND	1,000
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	113	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	161 *	80-122

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

189943

Chain of Custody Record

Lab ID no. _____
Date 10/5/06
Page 1 of 1

Laboratory Curtis & Tompkins Labs (by 8260)
Address 1534 Willow Pass Road
Pittsburg, CA 94565-1701
877-252-9262

Method of Shipment Hand Delivery
Shipment No. _____
Airbill No. _____
Cooler No. _____
Project Manager Richard Makdisi
Telephone No. (510) 644-3123
Fax No. (510) 644-3859
Samplers: (Signature) _____

Project Owner Larry Wadler
Site Address 2836 Union St.
Oakland, CA
Project Name USTCF Claim No. 018639
Project Number 2005-65

Field Sample Number	Location/ Depth	Date	Time	Sample Type	Type/Size of Container	Preservation: Cooler	Preservation: Chemical	Filtered	No. of Containers	BTXE, MTBE, Oxygenates, Ethanol (8260)	TPH - Gas (8015m)	Lead Scavengers	Remarks
-1 MW-1B	10.36	10/5/06	1218	H2O	40ml VOAs (6)	yes			6	X	X	X	
-2. MW-2A	8.80		1423		"	"			6	X	X	X	
-3. MW-3B	9.97		1348		"	"			6	X	X	X	
-4 MW-4B	7.29		1245		"	"			6	X	X	X	
-5. MW-5B	12.30		1135		"	"			6	X	X	X	

Analysis Required

Relinquished by:	Date	Time	Received by:	Date	Time
Signature _____			Signature _____		
Printed Henry Pietropaoli			Printed _____		
Company Stellar Environmental			Company _____		

Relinquished by:	Date	Time	Received by:	Date	Time
Signature [signature]	10/5/06	1455	Signature [signature]	10/5/06	1955
Printed Devin Reagan			Printed KEN SMITH		
Company Blaine Tech Services			Company BTS		

Relinquished by:	Date	Time	Received by:	Date	Time
Signature [signature]	10/6/06	1543	Signature [signature]	10/6/06	1543
Printed Michael Nindkata			Printed Rick Crawford		
Company BTS			Company C&T		

Turnaround Time: _____

Comments: Oxygenates: TAME, ETBE, DIPE, TBA
Lead scavengers: EDB, EDC

2005-09.01

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190590	Location:	2836 Union St.
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	STANDARD		
Field ID:	TANK 4500	Batch#:	119110
Matrix:	Water	Sampled:	11/03/06
Units:	ug/L	Received:	11/03/06
Diln Fac:	1.000	Analyzed:	11/06/06

Type: SAMPLE Lab ID: 190590-001

Analyte	Result	RL	Analysis
Gasoline C7-C12	5,200	50	EPA 8015B
Benzene	110	0.50	EPA 8021B
Toluene	75	0.50	EPA 8021B
Ethylbenzene	240	0.50	EPA 8021B
m,p-Xylenes	290	0.50	EPA 8021B
o-Xylene	180	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	128	69-137	EPA 8015B
Bromofluorobenzene (FID)	124	80-133	EPA 8015B
Trifluorotoluene (PID)	104	64-132	EPA 8021B
Bromofluorobenzene (PID)	86	80-120	EPA 8021B

Type: BLANK Lab ID: QC363162

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	117	69-137	EPA 8015B
Bromofluorobenzene (FID)	123	80-133	EPA 8015B
Trifluorotoluene (PID)	81	64-132	EPA 8021B
Bromofluorobenzene (PID)	82	80-120	EPA 8021B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190590	Location:	2836 Union St.
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC363163	Batch#:	119110
Matrix:	Water	Analyzed:	11/06/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	17.57	88	80-120
Toluene	20.00	17.31	87	80-120
Ethylbenzene	20.00	19.24	96	80-120
m,p-Xylenes	20.00	17.75	89	80-120
o-Xylene	20.00	18.48	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	87	64-132
Bromofluorobenzene (PID)	99	80-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190590	Location:	2836 Union St.
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC363164	Batch#:	119110
Matrix:	Water	Analyzed:	11/06/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,940	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	69-137
Bromofluorobenzene (FID)	132	80-133

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190590	Location:	2836 Union St.
Client:	Stellar Environmental Solutions	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119110
MSS Lab ID:	190606-001	Sampled:	11/06/06
Matrix:	Water	Received:	11/06/06
Units:	ug/L	Analyzed:	11/06/06
Diln Fac:	1.000		

Type: MS Lab ID: QC363191

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	19.65	2,000	1,927	95	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	120	69-137
Bromofluorobenzene (FID)	126	80-133

Type: MSD Lab ID: QC363192

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,003	99	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	120	69-137
Bromofluorobenzene (FID)	131	80-133

RPD= Relative Percent Difference