AllWest Environmental, Inc.

Specialists in Physical Due
Diligence and Remedial Services

530 Howard Street, Suite 300
San Francisco, CA 94105
Tel. 415 391-2510
Fax 415 391-2008

SUBSURFACE INVESTIGATION REPORT

Mandela Trucking
1225 Mandela Parkway
Oakland, California 94607

ACEH Fuel Leak No. RO0000041 and
GEOTRACKER Global IDT600102246

PREPARED FOR:

Mr. Clarence Glasper
c/o Mr. Thomas Gillis
1153 Copper Verde Lane
Modesto, California 95355

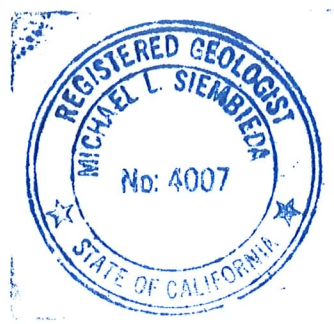
ALLWEST PROJECT NO. 28074.23
September 12, 2008

PREPARED BY:

Kevin D. Reeve
Project Manager

REVIEWED BY:

Michael L. Siembieda PG 4007
Senior Project Manager



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SUBSURFACE INVESTIGATION

Mandela Trucking
1225 Mandela Parkway
Oakland, California

I. EXECUTIVE SUMMARY

AllWest conducted a subsurface investigation on July 14, 2008 at the above referenced property (Figure 1). The purpose of the work was to further assess the lateral and vertical extent of petroleum hydrocarbon constituents in site soil and groundwater. The project was performed in response to a request by the Alameda County Environmental Health (ACEH) in their letters of February 6, 2008 and March 7, 2008 for additional information regarding the release of petroleum hydrocarbons at the subject site.

The investigation included the drilling and sampling of ten geoprobe boreholes, SB-5 through SB-14 (Figure 2) and analyzing selected soil and one "grab" groundwater samples for total petroleum hydrocarbons as gasoline, diesel, and motor oil (TPHg, TPHd and TPHmo); volatile organic compounds (VOCs) including benzene, toluene, ethyl benzene and xylenes (BTEX), fuel oxygenates such as methyl tert-butyl ether (MTBE), tetrachloroethene (also known as "Perc" or PCE) and trichloroethene (TCE); 1,2-Dibromoethane (EDB) and 1,2-Dichloroethane (1,2-DCA); and the metal Lead. Borings were sited to further delineate the spatial extent of the chemicals of concern (COCs) in the vicinity of the dispenser islands and former waste oil tank.

Prior to the start of the field investigation AllWest submitted a Work Plan to the ACEH for review and comment. The ACEH approved the proposed scope of work provided that certain technical items and additional analytical testing were incorporated into the investigation. A submittal of a revised Work Plan was not required.

On July 14, 2008, nine geoprobe borings were advanced under AllWest's supervision to a terminal depth of 10 feet below ground surface (bgs) with a tenth geoprobe boring, SB-7, advanced to 20 feet bgs. Soil samples were collected from each boring for chemical analysis. One "grab" groundwater sample was collected for analytical testing from SB-7. A petroleum sheen and odor was identified in the groundwater at this location.

Soil and groundwater samples were collected in appropriate sample containers for the analysis requested and transported under chain-of-custody to a certified analytical laboratory. Twenty-three soil samples and one groundwater samples were analyzed for TPHg, TPHd and TPHmo, BTEX, MTBE, VOCs, EDB, 1,2-DCA, and Lead. Table 1 and Table 2 provide soil and groundwater analytical data.

A review of the soil data indicates only one soil sample collected from SB-7 at a depth of 10 to 10.5 feet detected significant concentrations of organic constituents. TPH-g, TPHd and TPHmo were detected at concentrations of 220, 3,900 and 1,400 milligrams per kilograms (mg/Kg) equivalent to parts per million. A soil samples collected from 6-6.5 feet located above the "hot" sample and two from below 14.5-15 feet and 15.5-16 feet did not detect any significant TPH or other organic constituents. No other chemicals were detected except for trace levels of tetrachloroethene (PCE) in a soil sample collected from SB-11 located adjacent to the former waste oil tank. Two soil samples SB-9 at 3-3.5 feet and SB-11at 5.5-6 feet detected levels of Lead; 240 mg/kg and 550 mg/kg. These concentrations are below Environmental Screening Levels (ESLs) of 750 mg/kg for shallow soils in areas of Commercial /Industrial Land Use only and where Groundwater is Current or Potential Source of Drinking Water as listed in Table A *Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board, San Francisco Bay Region Interim Final November 2007, Updated March 2008.*

The groundwater sample collected from SB-7 had a visible petroleum sheen and noticeable odor. Analytical testing of the sample detected 270, 380,000 and 130,000 micro grams per liter (ug/L) equivalent to parts per billion (ppb) of TPHg, TPHd and TPHmo. The analytical laboratory noted the petroleum hydrocarbon constituents are highly aged. A groundwater sample collected from SB-7 was analyzed for total lead. No lead was detected.

With the completion of the soil sampling assessment the extent of the COCs in the vadose zone at the property has been adequately defined. No additional site investigation regarding the spatial extent of petroleum hydrocarbons in the vadose zone is warranted.

The source of the detected hydrocarbons in site groundwater is likely from spills or leaks from a fuel dispenser or ancillary piping located at the southern end of the fuel island by boring SB-2. A groundwater plume has been detected in the vicinity of SB-7. This finding amplifies data reported by Golden Gate Tank Removal in 2006. Based on previous investigations performed at the property, nearby locations and regional trends a groundwater gradient to the northeast has been documented. The vertical and horizontal extent of the plume has not been fully defined.

AllWest recommends a series of geoprobe borings be advanced hydraulically downgradient of the south fuel dispensers, located along the western and northern sides of the site building (Figure 3). Grab groundwater samples should be collected and analyzed for various petroleum hydrocarbon constituents including TPHg, TPHd, TPHmo, BTEX and fuel oxygenates. If the work adequately defines the extent of the plume a Conceptual Site Model should be developed to assess impacts to human health and the environment providing a platform to evaluate remedial options.

II. INTRODUCTION

AllWest conducted a subsurface investigation at the request of Mr. Clarence Glasper c/o Mr. Thomas Gillis on July 14, 2008 at the former Mandela Trucking located at 1225 Mandela Parkway, Oakland, California. The purpose of the work was to further assess the lateral and vertical extent of petroleum hydrocarbon constituents in soil and groundwater at the site and assess the release's potential impact on human health and the environment.

A. Site Background

The Mandela Trucking facility is located in a mixed residential and commercial area of Oakland, California on the southwest corner of the intersection of Mandela Parkway and 13th Street. The subject property is bounded on the north by 13th Street then a park, to the east by Mandela Parkway then an industrial facility, to the south by residential development and to the west by a church and parking lot.

The subject property was developed in 1902 with three residential structures. Significant development occurred in the area after the 1906 San Francisco earthquake. In 1957 a gasoline service station was sited at the property; tenants reportedly included ARCO and Union 76. A tucking facility, Mackey Trucking operated at the site from 1963 to 1983. Glasper-Mandela Trucking operated at the site from 1983 to 2003 when VA Transportation (VA) occupied the facility as an office and parking lot. According to photographs taken by Golden Gate Tank Removal (GGTR) in 2007 the property was then used to park tractor-trailer trucks cabs. A vacant office building is located in the central portion of the property with a chained linked fence surrounding the entire site.

In July 1996, three 4,000 gallons underground storage tanks (USTs) were removed from the property. Two USTs stored diesel and one contained gasoline. Soil samples collected from either ends of the tanks were analyzed for total petroleum hydrocarbons calibrated as gasoline (TPHg), benzene, toluene, ethyl benzene and xylene (BTEX) and Methyl tert butyl ester (MTBE). These chemicals were either not detected or detected at "insignificant" concentrations. TPHd was detected at concentrations of up to 1,300 micrograms per kilogram (mg/Kg) equivalent to part per million (ppm). No groundwater samples were collected. The excavation was not backfilled at the time of tank removal.

In January 1997 the ACEH requested various work items be performed, including additional soil sampling, soil excavation and disposal and the removal of a 425- gallon waste oil UST. In August 1997 the ACEH issued a "Directive and Order" requiring the work be performed.

In June 1998 GGTR collected soil samples from the excavation's sidewall, floor and soil stockpiles and analyzed the samples for TPHg, TPHd, BTEX and MTBE. Only trace levels of TPHg and xylene were detected. The waste oil UST was removed under the supervision of the Oakland Fire Department in June 1998. One composite soil sample of material excavated from a soil stockpile sample and one clearance sample collected from the bottom of the tank pit were collected and analyzed. Elevated levels of TPH (5,800 mg/kg) were detected in the composite stockpile sample with 70 mg/kg detected in the sample collected from the bottom of the pit. The excavated stockpile soil was removed from the site and properly disposed. The waste oil excavation was then backfilled with "clean" imported fill.

In April 1999 GGTR over excavated and removed diesel impacted soil from the UST excavation. Discrete soil samples were collected from sidewalls. No COCs were detected. One "grab" groundwater was collected from the excavation; 70 microgram per liter (ug/L) equivalent to parts per billion of TPHg was detected. Three fuel dispensers were removed at this time. Two soil samples were collected. Elevated levels of diesel at 960 mg/kg and 12,000 mg/kg were detected.

In April 2000 GGTR collected a composite sample from a soil stockpile to ascertain if the material was suitable for reuse as backfill material. TPHg, TPHd, BTEX and MTBE were not detected. Lead was detected at a concentration of 140 mg/kg. The ACEH and the Oakland Fire Department subsequently approved the reuse of the stockpile material for backfilled and the UST excavation was backfilled with the on-site soil stockpile and "clean" imported fill.

In May 2006 GGTR removed approximately 85 feet of product lines. Soil samples were collected at approximate 20 foot intervals. GGTR did not find any evidence of a release and subsequently backfilled the excavations.

In June 2006 GGTR advanced four soil borings (SB-1 to SB-4) and three hydro punch (HB-1 to HB-3) in areas of potential concern (Figure 3). Elevated levels of TPHd or TPHmo were detected in groundwater samples collected from SB-1, located near the northern end of the former dispenser island. Elevated levels of an atypical TPHd and TPHmo were detected in soil and groundwater samples collected from SB-2 located near the southern end of the fuel dispenser island. Elevated levels of TPHmo were detected in soil and groundwater samples collected from SB-4 located by the former waste oil UST. No significant levels of COCs were detected in soil or groundwater sample collected from SB-3. No significant levels of the COCs were detected in groundwater samples collected from the three hydro punch borings.

B. Purpose and Scope of Work

The purpose of this investigation was to further evaluate the lateral and vertical extent of COCs in soil and groundwater (the "media") at the subject property. The scope of work as outlined in AllWest's proposal of April 2008 consisted of the following tasks:

1) Developing a Site Specific Health and Safety Plan for the planned subsurface investigation;

2) Arranging underground utility clearing through Underground Service Alert (USA) and a private line locator;

3) Engaging a qualified drilling contractor to perform borehole advancement;

4) Advancing ten soil boreholes using a Gropobe drilling rig at selected areas of the site. Collect representative soil and "grab" groundwater samples from the boreholes for analytical testing;

5) Submitting twenty-three soil and one groundwater samples to a California Department of Health Service certified laboratory;

6) Analyzing soil and one groundwater samples for TPHg, TPHd, TPHmo, VOCs, BTEX, MTBE, and the metal lead;

7) Interpreting the data and present findings in a written report describing the field activities, summarizing the analytical results, and providing conclusions and recommendations.

III. PROJECT INITIATION

A. Underground Utility Clearing

To avoid damage to underground utility installations during the course of the subsurface investigation, AllWest contacted Underground Service Alert (USA), an organization for public utility information, on the pending subsurface investigation. USA then notified each of the public and private entities that maintained underground utilities within the vicinity of the site to locate and mark their installations for field identification.

A private underground utility locator, Subtonic Corporation, Concord, California, was also employed by AllWest to conduct a magnetometer sweep of the investigation area to locate the marked and unmarked underground utilities, if any. All final sampling locations were cleared of known underground utilities.

IV. FIELD INVESTIGATION AND SAMPLING METHODOLOGY

A. Soil Borehole Advancement

Ten geoprobe borings, SB-5 through SB-14, were advanced at the subject site during this subsurface investigation. The borings were located in the vicinity of the former waste oil tank and fuel dispensing island. Geoprobe locations are graphically presented in Figure 2 and 3.

The boreholes advancement was performed by Environmental Control Associates, Inc. (ECA), Aptos, California, a licensed C-57 California drilling contractor. The boreholes were advanced by drilling equipment utilizing the Geoprobe process. The standard procedures for borehole advancement, as presented in Appendix A were followed. During the borehole advancement operation, a California Professional Geologist from AllWest was present to collect representative soil and groundwater samples, to conduct field screening and to maintain a continuous log of drilling activities.

B. Soil Sampling

Under AllWest's supervision nine boreholes were advanced on July 14, 2008 by a geoprobe drill rig to depths of 10 to 11 feet below ground surface (bgs) with a tenth geoprobe boring, SB-7, advanced to a depth of 20 feet. The standard geoprobe soil sampling procedures, as presented in Appendix A, were followed. Twenty-three soil samples for chemical analysis were collected during the subsurface investigation.

C. Groundwater Sampling

Groundwater was first identified in borings at approximate depths of 10 to 11 feet. SB-7 initially detected groundwater at a depth of 10.5 feet. The boring was then advanced to a depth 16 feet where a nominal 1-inch PVC well casing and solid pipe was installed as a temporary well screen. Groundwater samples were collected using a check valve and poly tubing. All water samples were transferred to four 40-milliliter (ml) VOA vials and one acidified and one unacidfied liter amber jars furnished by the analytical laboratory. The VOA sample bottles had a Teflon lined septum/cap and were filled such that no headspace was present. All sample bottles were labeled and immediately placed on ice.

After the completion of soil and groundwater sampling activities all borings were backfilled to the surface with a "neat" cement grout utilizing a tremie pipe.

V. SUBSURFACE CONDITIONS

The entire surface of the property is overlain with hardscape consisting of asphalt, concrete and an unoccupied building. Below the asphalt and hardscape some thin fill areas were encountered. Up to 5 feet of fill was encountered at GP-7 and GP-11. Native soil consists of brown, silty sand known as the Merritt Sand. The Merritt Sand is generally well sorted, medium to fine grained, former dune deposit. Moisture content increased with depth. Depth to groundwater stabilized at an approximate depth of 10.65 feet, which is consistent with previous investigations.

VI. LABORATORY ANALYSES

All soil and groundwater samples were submitted to *McCampbell Analytical Inc.* (McCampbell), Pittsburg, California. McCampbell is a California Department of Health Services (DHS) certified analytical laboratory for the analysis requested. Selected samples were analyzed on a five day turn-around basis for TPHg, TPHd, TPHmo, VOCs, BTEX, MTBE, PCE, TCE, EDB, 1,2-DCA, and the metal lead. Table 1 and Table 2 summarize the soil and groundwater analytical results. Copies of the laboratory data sheets are attached as Appendix B.

VII. DISCUSSION

Soil

A review of the soil data indicates only one sample collected during the investigation (SB-7 at 10 to 10.5 feet bgs) detected any significant concentrations of organic constituents. TPHg, TPHd and TPHmo were detected in the soil sample at concentrations or 220, 3,900 and 1,400 mg/Kg equivalent to parts per million. A soil sample collected from 6-6.5 feet located above the "hot" sample and two from samples from below 14.5-15 feet and 15.5-16 feet did not detect any significant TPH or other organic constituents. No other chemicals were detected except for trace levels of tetrachloroethene (PCE) in a soil sample collected from SB-11 located adjacent from the former waste oil tank.

Two soil samples SB-9 3 –3.5 feet and SB-11 5.5-6 feet detected Lead at concentrations of 240 mg/kg and 550 mg/kg. These concentrations are below Environmental Screening Levels (ESLs) of 750 mg/kg for shallow soils in areas of Commercial /Industrial Land Use only and where Groundwater is Current or Potential Source of Drinking Water as listed in Table A in *Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board, San Francisco Bay Region Interim Final November 2007, Updated March 2008.*

With the completion of the soil sampling and analysis the spatial extent of the COCs in the vadose zone at the property has been adequately defined. No addition site investigation regarding the extent of petroleum hydrocarbons is warranted.

Groundwater

The groundwater sample collected from SB-7 had an obvious noticeable petroleum sheen and odor. Analytical testing of the sample detected 270, 380,000 and 130,000 ug/L equivalent to parts per billion (ppb) of TPHg, TPHd and TPHmo. The analytical laboratory noted the petroleum hydrocarbon constituents are highly aged.

A groundwater sample collected from SB-7 was analyzed for total Lead. No lead was detected.

Groundwater sample data was compared with Environmental Screening Levels propagated by the San Francisco Bay - Regional Water Quality Control Board (RWQCB) in their May 2008 document *Screening for Environmental Concerns at Site With Contaminated Soil and Groundwater.* Under most circumstances, the presence of a chemical at a concentration below the corresponding ESL can be presumed to not pose a significant risk to human health and the environment.

The maximum groundwater concentrations of TPHg, 270 ppb, TPHd, 380,000 ppb, TPHmo, 130,000 ppb were compared to ESL values where groundwater is considered a drinking water source. The ESLs for the three hydrocarbons detected are 100 ppb, 100 ppb and 100 ppb, therefore concentration of hydrocarbons detected are above their ESLs. The ESLs are based on the assumption the groundwater discharges to a marine or estuary surface water system.

VIII. CONCLUSIONS AND RECOMENDATIONS

Based on worked performed by AllWest and others to date the spatial extent of site soil contamination has been reasonably well defined and partially mitigated. Remedial activities performed by GGTR in 1999 removed the majority of soil containing elevated levels of COCs. AllWest identified limited amounts of soil in the vicinity of SB-7, located at the former south end of the fuel dispenser island and soil from the former waste oil tank (SB-11) contain elevated levels of COC in this assessment.

The source of the residual hydrocarbons in groundwater remaining on the property is likely from spills or leaks from a fuel dispenser located at the southern end of the fuel island by boring SB-2. The vertical and horizontal extent of the plume has not been fully defined.

AllWest recommends a series of geoprobe borings be advanced down-gradient of the south fuel dispensers along the western and northern sides of the site building. Grab groundwater samples should be collected and analyzed for various petroleum hydrocarbon constituents including TPHg, TPHd, TPHmo, BTEX and fuel oxygenates. If the work adequately defines the extent of the plume a Conceptual Site Model should be developed to assess impacts to the environment and human health providing a framework to evaluate remedial options.

IX. REPORT LIMITATIONS

The work described in this report is performed in accordance with the Environmental Consulting Agreements between Mr. Clarence Glasper c/o Mr. Thomas Gillis and AllWest Environmental, Inc., dated April 2008. AllWest has prepared this report for the exclusive use of Mr. Clarence Glasper for this particular project and in accordance with generally accepted practices at the time of the work. No other warranties, certifications or representation, either expressed or implied are made as to the professional advice offered. The services provided for Mr. Clarence Glasper c/o Mr. Thomas Gillis were limited to their specific requirements; the limited scope allows for AllWest to form no more than an opinion of the actual site conditions. No matter how much research and sampling may be performed the only way to know about the actual composition and condition of the subsurface of a site is through excavation.

The conclusions and recommendations contained in this report are made based on observed conditions existing at the site, laboratory test results of the submitted samples, and interpretation of a limited data set. It must be recognized that changes can occur in subsurface conditions due to site use or other reasons. Furthermore, the distribution of chemical concentrations in the subsurface can vary spatially and over time. The results of chemical analysis are valid as of the date and at the sampling location only. AllWest cannot be held accountable for the accuracy of the test data from independent laboratories nor for any analyte quantities falling below the recognized standard detection limits for the method utilized by the independent laboratories.

TABLES

TABLE 1
Summary of Soil Analytical Data

Mandela Trucking
1225 Mandela Parkway
Oakland, California

AllWest Project No. 28074.23

Date Sampled	Sample Name and Depth	Total Petroleum Hydrocarbons			Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	1,2 Dibromoethane (EDB)	1,2 Dichloroethane (1,2-DCA)	VOCs (Reporting Limit Varies)	Lead
		TPH-G	TPH-D	TPH-MO									
7/14/2008	SB-5 6' - 6.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-5 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-6 5.5' - 6'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-6 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-7 6' - 6.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	all	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	5.8
7/14/2008	SB-7 10' - 10.5'	220	3,900	1,400	ND(<0.10)	ND(<0.10)	ND(<0.10)	ND(<0.10)	ND(<1.0)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-7 14.5' - 15'	ND(<1.0)	2	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-7 15.5' - 16'	1.9	11	5.3	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-7 19.5' - 20'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-8 6' - 6.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	7.4
7/14/2008	SB-8 9.5' - 10'	ND(<1.0)	230	71	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-9 3' - 3.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	240
7/14/2008	SB-9 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	5.2
7/14/2008	SB-10 3' - 3.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-10 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.05)	ND(<0.004)	ND(<0.004)	NA	ND(<5.0)
7/14/2008	SB-11 5.5' - 6'	ND(<1.0)	ND(<1.0)	5.7	NA	NA	NA	NA	NA	NA	NA	0.022 PCE	550
7/14/2008	SB-11 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	ND(<5.0)
7/14/2008	SB-12 5' - 5.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	ND(<5.0)
7/14/2008	SB-12 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	ND(<5.0)
7/14/2008	SB-13 5' - 5.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	ND(<5.0)
7/14/2008	SB-13 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	5.1
7/14/2008	SB-14 5' - 5.5'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	ND(<5.0)
7/14/2008	SB-14 9.5' - 10'	ND(<1.0)	ND(<1.0)	ND(<5.0)	NA	NA	NA	NA	NA	NA	NA	all ND	ND(<5.0)

Notes:

All results are reported in milligrams per kilogram (mg/kg) [equivalent to parts per million (ppm)], except where noted.
TPH-G - Total petroleum hydrocarbons as gasoline (analytical method SW8015Cm)
TPH-D - Total petroleum hydrocarbons as diesel (analytical method SW8015C)
TPH-MO - Total petroleum hydrocarbons as motor oil (analytical method SW8015C)
MTBE - Methyl tert-butyl ether (analytical method SW8260B)
Benzenze, Toluene, Ethylbenzene, Xylenes (BTEX) (analytical method SW8260B)
EDB - 1,2 Dibromoethane (analytical method SW8260B)
1,2-DCA - 1,2 Dichloroethane (analytical method SW8260B)
VOCs - Volatile organic compounds (analytical method SW8260B)
Lead (analytical method 6010C)
ND (<1) - Not detected at or above listed reporting limit
NA - Not analyzed

TABLE 2
Summary of Groundwater Analytical Data
Organic Compounds

Mandela Trucking
1225 Mandela Parkway
Oakland, California

AllWest Project No. 28074.23

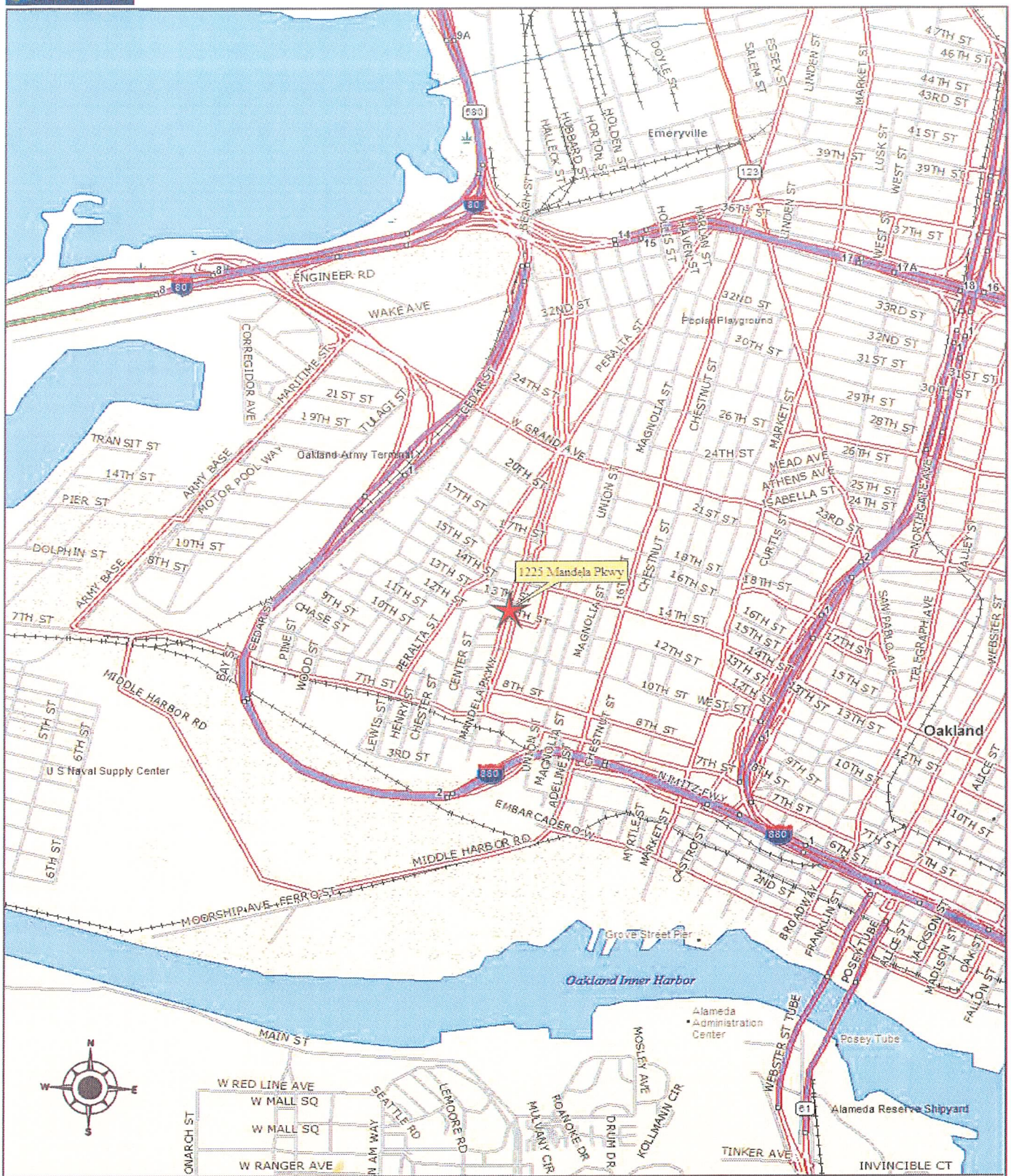
Sample Name	Date Sampled	Total Petroleum Hydrocarbons			Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	VOC's	Lead
		TPH-G	TPH-D	TPH-MO							
W-SB-7	7/14/2008	**270**	**380,000**	130,000	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<5.0)	3.1 (Naphthalene) 2.4 (sec-Butyl benzene)	ND(<0.5)
Water Quality Criteria		100	100	100	1	40	30	20	5	17 (Naphthalene) NE(sec-Butyl benzene)	2.5

NOTES: All results are reported in micrograms per liter (µg/L) [equivalent to parts per billion (ppb)], except where noted.
TPH-G - Total petroleum hydrocarbons as gasoline (analytical method SW8015Cm)
TPH-D - Total petroleum hydrocarbons as diesel (analytical method SW8015C)
TPH-MO - Total petroleum hydrocarbons as motor oil (analytical method SW8015C)
MTBE - Methyl tert-butyl ether (analytical method SW8260B)
Benzenze, Toluene, Ethylbenzene, Xylenes (BTEX) (analytical method SW8260B)
VOCs - Volatile organic compounds (analytical method SW8260B)
Lead (analytical method 6010C)
ND - Not detected at or above listed reporting limit
NE - Not established
Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Regional Water Quality Control Board, May 2008

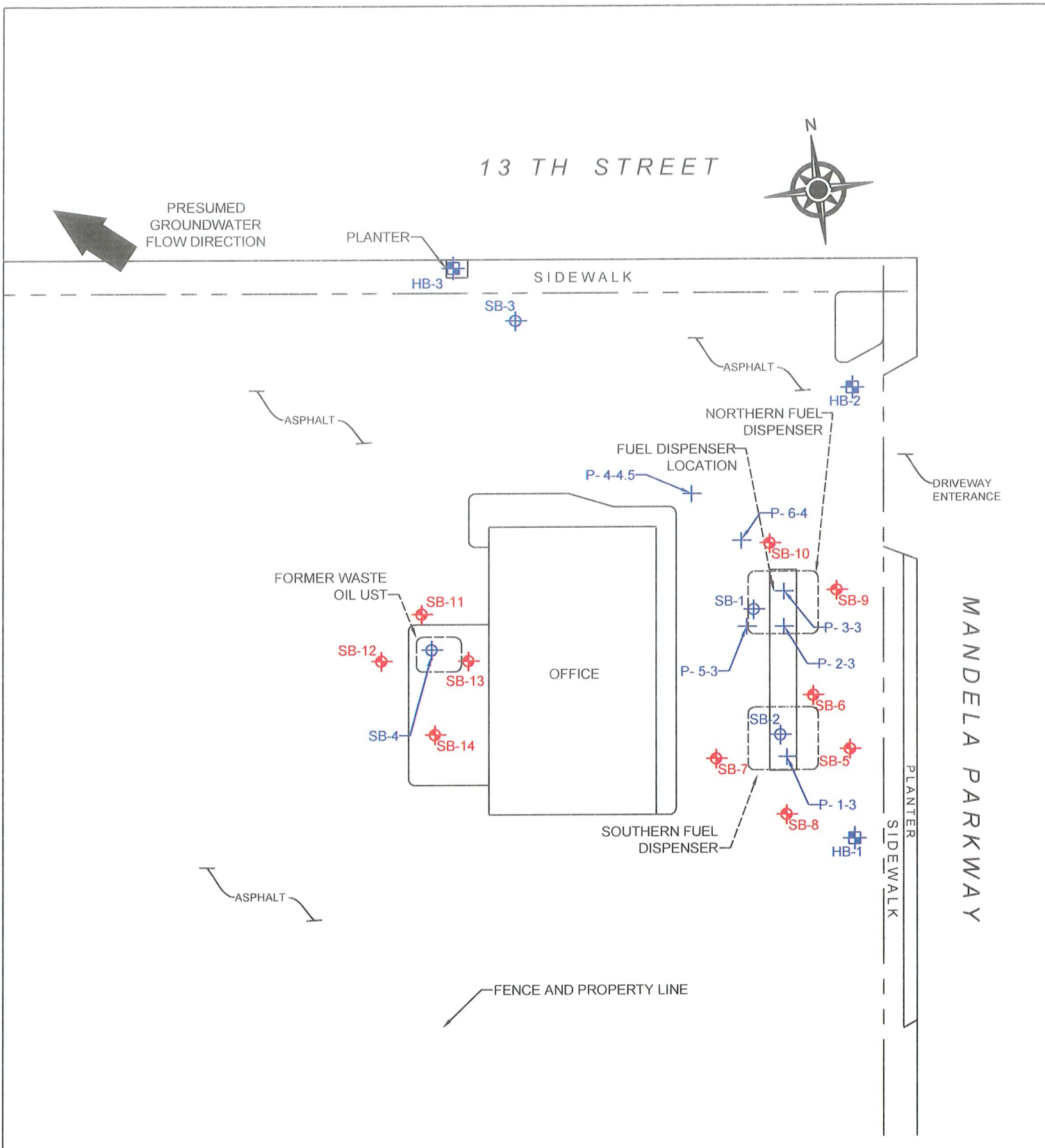
FIGURES

DeLORME

Topo USA® 6.0



AllWest	SITE LOCATION MAP
	FIGURE 1
	MANDELA TRUCKING WORK PLAN
	OAKLAND, CALIFORNIA
	SOURCE: DELORME TOPO 6.0
PROJECT NO. 28074.23	DRAWN BY: CAROL RAMELB
	DATE: 05/27/08



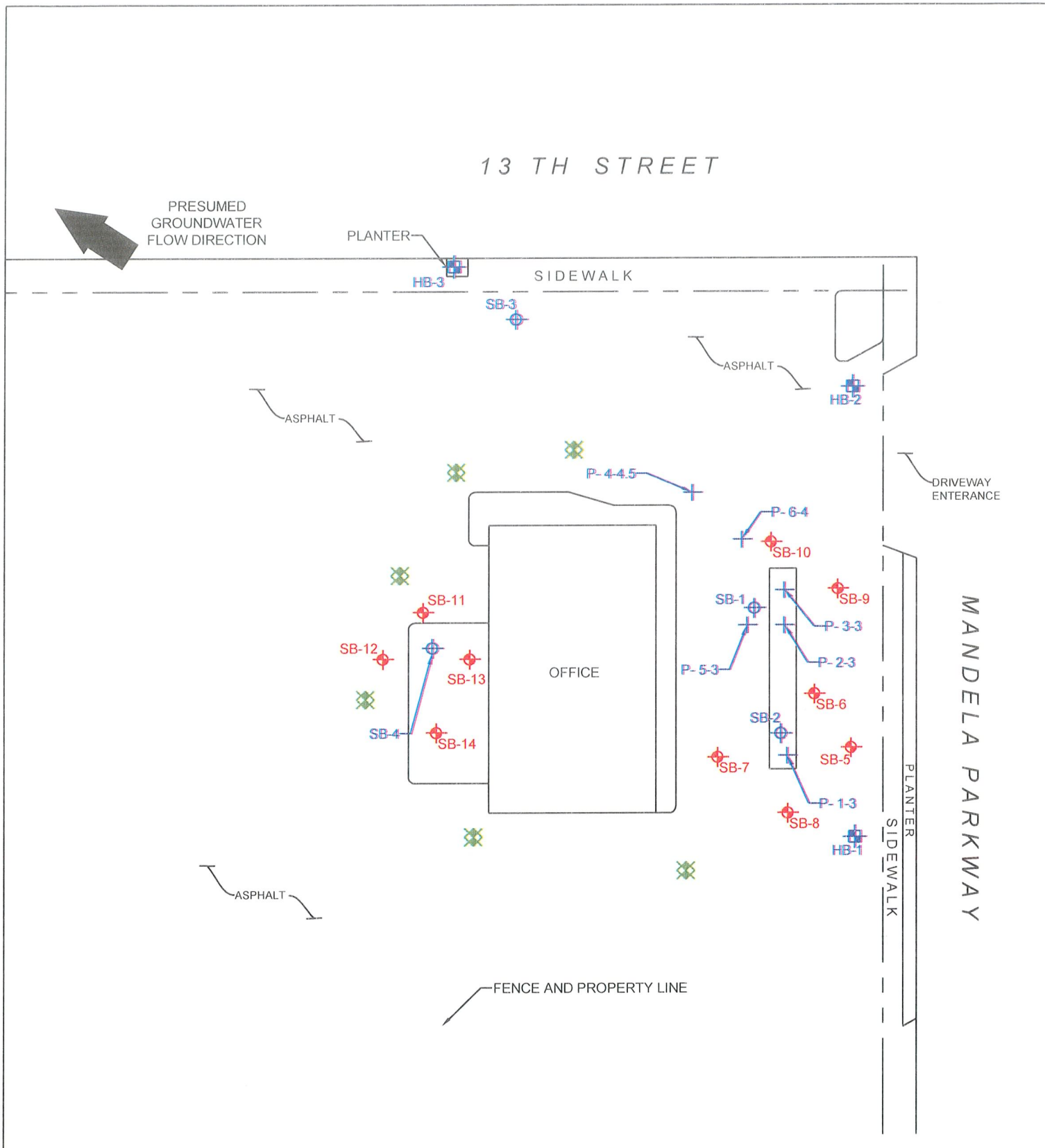
NOTE:
All locations are approximate
Site information obtained from GGTR Workplan 07/17/07

- SOIL BORING LOCATIONS CURRENT INVESTIGATION
- PREVIOUS SOIL BORING LOCATIONS (GGTR)
- PIPING SOIL SAMPLE LOCATION (GGTR)
- HYDRO PUNCH LOCATION (GGTR)

AllWest

PROJECT NO. 28074.23

SITE PLAN & BORING LOCATIONS
FIGURE 2
MANDELA TRUCKING WORK PLAN
OAKLAND, CA
Drawn by: PRAKASH KRISHAN
Date: 9/12/08



NOTE:
All locations are approximate
Site information obtained from GGTR Workplan 07/17/07

0 10 20
FEET

- PROPOSED HYDRO PUNCH LOCATION
- SOIL BORING LOCATIONS (ALLWEST)
- PREVIOUS SOIL BORING LOCATIONS (GGTR)
- PIPING SOIL SAMPLE LOCATION (GGTR)
- HYDRO PUNCH LOCATION (GGTR)

AllWest

PROJECT NO. 28074.23

SITE PLAN & BORING LOCATIONS
FIGURE 3
MANDELA TRUCKING WORK PLAN
OAKLAND, CA
Drawn by: PRAKASH KRISHAN
Date: 8/19/08

APPENDICES

AllWest

STANDARD GEOPROBE SAMPLING PROCEDURES

Soil Sampling

Soil core sampling is accomplished using a nominal 4-foot long, 3-inch diameter galvanized steel drive probe and extension rods. The drive probe is equipped with nominal 1-1/2 inch diameter clear plastic poly tubes that line the interior of the probe. The probe and insert tubes are together pneumatically driven using a percussion hammer in 4-foot intervals. After each drive interval the drive probe and rods are retrieved to the surfaced. The poly tube containing subsurface soil is then removed. The drive probe is then cleaned, equipped with a new poly tube and reinserted into the boring with extension rods as required. The apparatus is then driven following the above procedure until the desired depth is obtained. The poly tubes and soil are inspected after each drive interval with lithologic and relevant drilling observations recorded. Soil samples are screened for organic vapors using an organic vapor meter (OVM) or other appropriate device. OVM readings, soil staining and other relevant observations are recorded. Selected soil sample intervals can be cut from the 4-foot intervals for possible analytical or geotechnical testing or other purposes.

The soils contained in the sample liners are then classified according to the Uniform Soil Classification System and recorded on the soil boring logs.

Sample liners selected for laboratory analyses are sealed with Teflon sheets, plastic end caps, and silicon tape. The sealed sample liner is then labeled, sealed in a plastic bag, and placed in an ice chest cooled to 4°C with crushed ice for temporary field storage and transportation. The standard chain-of-custody protocol is maintained for all soil samples from the time of collection to arrival at the laboratory.

Groundwater Sampling

Groundwater sampling is performed after the completion of soil sampling and when the boring has reached its desired depth. The steel probe and rods are then removed from the boring and new, nominal 1-1/2 inch diameter PVC solid and perforated temporary casing is lowered into the borehole. Depth to water is then measured using an electronic groundwater probe. Groundwater samples are collected using a stainless steel bailer or a disposable Teflon bailer.

After the retrieval of the bailer, groundwater contained in the bailer is decanted into laboratory provided containers. The containers are then sealed with Teflon coated caps with no headspace, labeled, and placed in an ice chest for field storage and transportation to a state certified analytical laboratory. The standard chain-of-custody protocols are followed from sample collection to delivery to the laboratory. A new bailer is used for each groundwater sampling location to avoid cross contamination.

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-5	**Date:** 7/14/08		**Sheet** 1 of 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M.L. Siembieda P.G. 4007	

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
10:35					A.C.	Concrete 2"
				1	SM	SILTY SAND (Merrill Sand) brown, slightly moist, loose
			0.9	2		
				3		
				4		
10:40				5		- becoming, wet, fine grained, hard
	6-6½			6		
				7		
				8		- Less "Fines"
			3.7	9		
10:45	9½-10			10		TD 10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

REGISTERED GEOLOGIST
MICHAEL L. SIEMBIEDA
No. 4007
STATE OF CALIFORNIA

Notes:
- boring backfilled w/ "Neat" cement via Tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-6	**Date:** 7/14/08		**Sheet** 1 **of** 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siembieda	

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
10:55				0	~~~	Concrete
				1	SM	SILTY SAND (Merritt Sand) - brown
				2		- moist, loose
				3		
				4		
				5		
11:00	5½-6			6		- As above
			9.0	7		
				8		
				9		
11:05	9½-10			10		TD - 10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

Merrit Sand

REGISTERED GEOLOGIST
MICHAEL L. SIEMBIEDA
No: 4007
STATE OF CALIFORNIA

Notes:
boring backfilled w/ "neat" cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-7	**Date:** 7/14/08		**Sheet** 1 of 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siembieda	

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
				0		Concrete 2"
				1	Fill	SILTY SAND (Fill) - brown to black
	NO-REC			2		- some fine gravel, loose,
			-0-			- slightly moist
				3		(Poor Recovery)
				4		
				5		
				6	SM	
	6-6½		4.0			- SILTY SAND (Merrit Sand) - brown, fine grained with some clay
				7		
				8		
				9		
			4.0	10		- becoming SILTY SAND, Gray, medium-grained
	10-10½					- some clay
				11	▽ = 10.65	Water First encountered @ ~ 10.57'
				12		- becoming - yellowish brown, hard
0900						- medium to fine grained - NO ODOR
			3.5	13		- some "Fe" staining
				14		
09:05	14½-15			15		- harder
	15½-16			16		- slight Sheen (Petroleum)
				17		- odor (Petroleum)
				18		
				19		
9:55	19½-20			20		TD - 20
				21		

MICHAEL L. SIEMBIEDA
REGISTERED GEOLOGIST
No. 4007
STATE OF CALIFORNIA

Notes: - Set temporary casing @ 16' - collect ground water samples @ 10.65' (water stabilized)
- Slight Sheen and odor - OVM @ 2.3 ppm after sampling

- boring back filled w/ "neat" cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-8	**Date:** 7/14/08		**Sheet** 1 of 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M.L. Siembieda	

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
10:15				0	AC/AB	3" Concrete
				1	SM	SILTY SAND (Merrill Sand) brown, medium grained, loose
			1.3	2		
				3		
				4	Merrill Sand	
				5		- poor recovery
	6-6½		3.3	6		
				7		← change in color to dark greenish gray
10:20				8		slight odor
				9		
10:30	9½-10			10		TD-10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

REGISTERED GEOLOGIST
MICHAEL L. SIEMBIEDA
No. 4007
STATE OF CALIFORNIA

Notes:
- boring back filled w/ "neat" cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-9	**Date:** 7/14/08		**Sheet** 1 of 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siembieda	

P.G. 4007

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
					Conc	Concrete
				1	SM	SILTY SAND (Merced Sand) - brown, Fine - grained, - Some gray staining
				2		
			0.6	3		
	3-3½					
				4		
				5		- becoming wet, brown
				6		
				7		
			0.1	8		
				9		
11:20	9½-10			10		TD-10
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

REGISTERED GEOLOGIST MICHAEL L. SIEMBIEDA No. 4007 STATE OF CALIFORNIA

Notes:
- boring back filled w/ "NEAT" Cement via Tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-10	**Date:** 7/14/08		**Sheet** 1 **of** 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siemsteda	

P.G. 4007

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
				1		· Concrete
					Fill	· Fill
				2	SM	SILTY SAND (Merritt Sand) brown and dark gray, medium grained, loose, dry
			0.6	3		
12:30	3-3½			4		
				5		· becomes brown, some clay moist
			1.6	6		
				7		
12:35				8		· MOISTURE INCREASES
				9		
12:40	9½-10			10		TD - 10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

Merritt Sand

REGISTERED GEOLOGIST MICHAEL L. SIEMSTEDA No. 4007 STATE OF CALIFORNIA

Notes:

- boring backfilled w/ "NEAT" Cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-11	**Date:** 7/14/08		**Sheet** 1 **of** 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siembieda	

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
14:00				0		Asphalt
				1	FILL	FILL - mixture of SAND and GRAVEL dark gray to grayish brown
				2		- some silt
				3		
				4		
				5		
14:05	5½-6			6		SILTY SAND with CLAY - (Merritt Sand)
				7	SC/SM	- brown, moist, dense
				8		
				9	Merritt	
14:10	9½-10			10		TD - 10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

P.G. 4007

REGISTERED GEOLOGIST MICHAEL L. SIEMBIEDA No. 4007 STATE OF CALIFORNIA

Notes:
- boring back filled w/ "neat" cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-12	**Date:** 7/14/08		**Sheet** 1 **of** 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Stembiecka	

P.G. 4007

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
13:15						Asphalt
				1		
					SC / SM	SILTY CLAYEY SAND (Merritt Sand), brown
				2		
			0	3		- moist, dense
				4		
				5		
13:20	5-5½					
				6		
				7		
			0.1	8		- some "Fe" staining
				9		
13:25	9½-10			10		T.D. 10
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

REGISTERED GEOLOGIST
M. L. STEMBIECKA
No. 4007
STATE OF CALIFORNIA

Notes:
- boring backfilled w/ "NEAT" cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-13	**Date:** 7/14/08		**Sheet** 1 **of** 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siembieda	

P.G. 4007

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
13:40				0		Concrete
				1	FILL	FILL - gravel, sand, brick
				2		
				3	SC	CLAYEY, SILTY SAND - (Merritt SAND)
			2.1			- brown, moist to wet
				4		
				5		
13:50	5-5½					
				6		
				7		
			6.1			
				8	SM	- less clay more silt
				9		
13:55	9½-10			10		- TD-10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

REGISTERED GEOLOGIST
MICHAEL L. SIEMBIEDA
No. 4007
STATE OF CALIFORNIA

Notes:

- boring backfilled w/ "Neat" cement via tremie pipe

EXPLORATORY BORING LOG

AllWest
AllWest Environmental, Inc.

Log of Boring: SB-14	**Date:** 7/14/08		**Sheet** 1 **of** 1
Location: Mandella Trucking, Oakland CA			
Project Number: 28074.23	**Project Name:** Mandella Trucking		
Drilling Contractor: ECA			
Drilling Method: Geoprobe		**Hole Diameter:** 2½	
Sampler Type: poly-sleeve		**Logged By:** M. L. Siembieda	

P.E. 4007

Sample Time	Sample Number	Sample	OVM Reading	Depth in Ft.	USCS Code	Soil Description
						CONCRETE
				1	SM / SC	- SILTY SAND with CLAY - (Merritt Sand)
			- 0 -	2		- brown, slightly moist
				3		
				4		
13:00	5-5½			5		
				6		
				7		
			- 0 -	8		- becoming dense
				9		
13:05	9½-10			10		TD - 10'
				11		
				12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		
				21		

Merritt Sand

REGISTERED GEOLOGIST
MICHAEL L. SIEMBIEDA
No. 4007
STATE OF CALIFORNIA

Notes:

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

All West Environmental, Inc 530 Howard Street, Ste. 300 San Francisco, CA 94105	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
	Client Contact: Mike Siembieda	Date Reported: 07/23/08
	Client P.O.:	Date Completed: 07/23/08

WorkOrder: 0807354

July 23, 2008

Dear Mike:

Enclosed within are:

1) The results of the **24** analyzed samples from your project: **#28074.23; Mandela Sub, Oakland,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice 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 or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0807354

Ps 1 of 3

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY
GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐
☐ Check if sample is effluent and "J" flag is required

Report To: MICHAEL SIEMBIEDA Bill To:
Company: ALLWEST ENV.
530 HOWARD ST. #300
SAN FRANCISCO, CA 94105 E-Mail: MICHAEL@ALLWEST1.COM
Tele: (415) 391-2510 Fax: (415) 391-2008
Project #: 28074.23 Project Name: MANDELA SUB
Project Location: OAKLAND
Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB-5 6'-6.5'		7/14/08		1			X				X			
SB-5 9.5'-10'				1			X				X			
SB-6 5.5'-6'				1			X				X			
SB-6 9.5'-10'				1			X				X			
SB-7 6'-6.5'				1			X				X			
SB-7 10'-10.5'				1			X				X			
SB-7 14.5'-15'				1			X				X			
SB-7 15.5'-16'				1			X				X			
SB-7 19.5'-20'				1			X				X			
W-SB-7				4	VOA	X					X	X		
W-SB-7				1	AMB	X					X	X		
W-SB-7				1	AMB	X					X			

30

Analysis Request

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602+8021) EDB + 1,2 DCA	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs) Full	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X										X
X	X				X					X	per M.S				
X	X				X										
															X

Other

Comments

Filter Samples for Metals analysis: Yes / No

*multiRange-8015 mtbe, btex, edb, 1,2DCA-8260

one analysis

YES

Relinquished By:	Date:	Time:	Received By:
	7/15/08	2:55	
Relinquished By:	Date:	Time:	Received By:
	7/15	4:00	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4-8
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:
USE - NON-ACIDIFY sample

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: MICHAEL SIEMBIEDA Bill To:

Company: ALLWEST ENV.

530 HOWARD ST. #300

SAN FRANCISCO, CA 94105 E-Mail: MICHAEL@ALLWEST1.COM

Tele: (415) 391-2510 Fax: (415) 391-2008

Project #: 28074.23 Project Name: MANDELA SUB

Project Location: OAKLAND

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB-8 6'-6.5'		7/14/08		1			X				X			
SB-8 9.5'-10'				1			X				X			
SB-9 3'-3.5'				1			X				X			
SB-9 9.5'-10'				1			X				X			
SB-10 3'-3.5'				1			X				X			
SB-10 9.5'-10'				1			X				X			
SB-11 5.5'-6'				1			X				X			
SB-11 9.5'-10'				1			X				X			
SB-12 5'-5.5'				1			X				X			
SB-12 9.5'-10'				1			X				X			

Analysis Request

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015) + Motor Oil + 8270 M.S	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021) EDB & 1,2 DCA	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs) Full	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
X	X				X										X		Filter Samples for Metals analysis: Yes / No
X	X				X										X		
X	X				X										X		
X	X				X										X		
X	X				X										X		
X	X				X										X		
	X									X					X		
	X									X					X		
	X									X					X		
	X									X					X		

Relinquished By:	Date:	Time:	Received By:
	7/15/08	915	
Relinquished By:	Date:	Time:	Received By:
	7/15/08	1400	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____ COMMENTS:

GOOD CONDITION_____

HEAD SPACE ABSENT_____

DECHLORINATED IN LAB_____

APPROPRIATE CONTAINERS_____

PRESERVED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: MICHAEL SIEMBIEDA Bill To:

Company: ALLWEST ENV.

530 HOWARD ST. #300

SAN FRANCISCO, CA 94105 E-Mail: MICHAEL@ALLWEST1.COM

Tele: (415) 391-2510 Fax: (415) 391-2008

Project #: 28074.23 Project Name: MANDELA SUB

Project Location: OAKLAND

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB-13 5'-5.5'		7/14/08		1			X				X			
SB-13 9.5'-10'		"		1			X				X			
SB-14 5'-5.5'		7/14/08		1			X				X			
SB-14 9.5'-10'		"		1			X				X			

Analysis Request

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015) + Motor Oil + 9 pcms	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021) EDB + 1,2 EDCA	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs) Full	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
	X									X					X		Filter Samples for Metals analysis: Yes / No
	X									X					X		
	X									X					X		
	X									X					X		

Relinquished By:	Date:	Time:	Received By:
	7/16/08	525	
Relinquished By:	Date:	Time:	Received By:
	7/15/08	930	
Relinquished By:	Date:	Time:	Received By:

ICE/t° _____ COMMENTS:

GOOD CONDITION _____

HEAD SPACE ABSENT _____

DECHLORINATED IN LAB _____

APPROPRIATE CONTAINERS _____

PRESERVED IN LAB _____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0807354 **ClientCode: AWE**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Mike Siembieda
All West Environmental, Inc
530 Howard Street, Ste. 300
San Francisco, CA 94105
(415) 391-2510 FAX (415) 391-2008

Email: michael@allwest1.com
cc:
PO:
ProjectNo: #28074.23; Mandela Sub, Oakland

Bill to:
Darlene Torio
All West Environmental, Inc
530 Howard Street, Ste.300
San Francisco, CA 94105
darlene@allwest1.com

Requested TAT: 5 days

Date Received: **07/15/2008**
Date Printed: **07/17/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0807354-001	SB-5 6'-6.5'	Soil	7/14/2008	☐			A		A	A			A			
0807354-002	SB-5 9.5'-10'	Soil	7/14/2008	☐			A		A	A						
0807354-003	SB-6 5.5'-6'	Soil	7/14/2008	☐			A		A	A						
0807354-004	SB-6 9.5'-10'	Soil	7/14/2008	☐			A		A	A						
0807354-005	SB-7 6'-6.5'	Soil	7/14/2008	☐			A		A	A						
0807354-006	SB-7 10'-10.5'	Soil	7/14/2008	☐			A		A	A						
0807354-007	SB-7 14.5'-15'	Soil	7/14/2008	☐			A		A	A						
0807354-008	SB-7 15.5'-16'	Soil	7/14/2008	☐			A		A	A						
0807354-009	SB-7 19.5'-20'	Soil	7/14/2008	☐			A		A	A						
0807354-010	W-SB-7	Water	7/14/2008	☐		B		A			C	C				
0807354-011	SB-8 6'-6.5'	Soil	7/14/2008	☐			A		A	A						
0807354-012	SB-8 9.5'-10'	Soil	7/14/2008	☐			A		A	A						
0807354-013	SB-9 3'-3.5'	Soil	7/14/2008	☐			A		A	A						
0807354-014	SB-9 9.5'-10'	Soil	7/14/2008	☐			A		A	A						

Test Legend:

1	8260B_S	2	8260B_W	3	G-MBTEX_S	4	G-MBTEX_W	5	MBTEX-8260B_S
6	PB_S	7	PBMS_DISS	8	PRDISSOLVED	9	PREDF REPORT	10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A, 021A, 022A, 023A, 024A contain testgroup.

Prepared by: Ana Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0807354 **ClientCode: AWE**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Mike Siembieda
All West Environmental, Inc
530 Howard Street, Ste. 300
San Francisco, CA 94105
(415) 391-2510 FAX (415) 391-2008

Email: michael@allwest1.com
cc:
PO:
ProjectNo: #28074.23; Mandela Sub, Oakland

Bill to:
Darlene Torio
All West Environmental, Inc
530 Howard Street, Ste.300
San Francisco, CA 94105
darlene@allwest1.com

Requested TAT: 5 days

Date Received: **07/15/2008**
Date Printed: **07/17/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0807354-015	SB-10 3'-3.5'	Soil	7/14/2008	☐			A		A	A						
0807354-016	SB-10 9.5'-10'	Soil	7/14/2008	☐			A		A	A						
0807354-017	SB-11 5.5'-6'	Soil	7/14/2008	☐	A		A			A						
0807354-018	SB-11 9.5'-10'	Soil	7/14/2008	☐	A		A			A						
0807354-019	SB-12 5'-5.5'	Soil	7/14/2008	☐	A		A			A						
0807354-020	SB-12 9.5'-10'	Soil	7/14/2008	☐	A		A			A						
0807354-021	SB-13 5'-5.5'	Soil	7/14/2008	☐	A		A			A						
0807354-022	SB-13 9.5'-10'	Soil	7/14/2008	☐	A		A			A						
0807354-023	SB-14 5'-5.5	Soil	7/14/2008	☐	A		A			A						
0807354-024	SB-14 9.5'-10'	Soil	7/14/2008	☐	A		A			A						

Test Legend:

1	8260B_S	2	8260B_W	3	G-MBTEX_S	4	G-MBTEX_W	5	MBTEX-8260B_S
6	PB_S	7	PBMS_DISS	8	PRDISSOLVED	9	PREDF REPORT	10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A, 021A, 022A, 023A, 024A contain testgroup.

Prepared by: Ana Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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

Sample Receipt Checklist

Client Name: **All West Environmental, Inc**

Date and Time Received: **7/15/08 4:45:43 PM**

Project Name: **#28074.23; Mandela Sub, Oakland**

Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0807354** Matrix Soil/Water

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/19/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/19/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-010B
Client ID	W-SB-7
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	2.4	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	3.1	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	99
%SS3:	83		

Comments: b1

* 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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-017A
Client ID	SB-11 5.5'-6'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	0.022	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	88	%SS2:	95
%SS3:	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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-018A
Client ID	SB-11 9.5'-10'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	90	%SS2:	95
%SS3:	93		

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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-019A
Client ID	SB-12 5'-5.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	90	%SS2:	95
%SS3:	88		

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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-020A
Client ID	SB-12 9.5'-10'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	89	%SS2:	90
%SS3:	83		

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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-021A
Client ID	SB-13 5'-5.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	88	%SS2:	91
%SS3:	82		

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.

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
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530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-022A
Client ID	SB-13 9.5'-10'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	89	%SS2:	91
%SS3:	82		

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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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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

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-023A
Client ID	SB-14 5'-5.5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	88	%SS2:	90
%SS3:	82		

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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-024A
Client ID	SB-14 9.5'-10'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	89	%SS2:	91
%SS3:	81		

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.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08-07/23/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/16/08-07/23/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0807354

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	SB-5 6'-6.5'	S	ND	ND	ND	ND	ND	ND	1	78
002A	SB-5 9.5'-10'	S	ND	ND	ND	ND	ND	ND	1	76
003A	SB-6 5.5'-6'	S	ND	ND	ND	ND	ND	ND	1	78
004A	SB-6 9.5'-10'	S	ND	ND	ND	ND	ND	ND	1	95
005A	SB-7 6'-6.5'	S	ND	ND	ND	ND	ND	ND	1	77
006A	SB-7 10'-10.5'	S	220,d7	ND<1.0	ND<0.10	ND<0.10	ND<0.10	ND<0.10	20	75
007A	SB-7 14.5'-15'	S	ND	ND	ND	ND	ND	ND	1	75
008A	SB-7 15.5'-16'	S	1.9,d7	ND	ND	ND	ND	ND	1	90
009A	SB-7 19.5'-20'	S	ND	ND	ND	ND	ND	ND	1	81
010A	W-SB-7	W	270,d7,b6,b1	ND	ND	ND	ND	ND	1	103
011A	SB-8 6'-6.5'	S	ND	ND	ND	ND	ND	ND	1	74
012A	SB-8 9.5'-10'	S	ND	ND	ND	ND	ND	ND	1	77
013A	SB-9 3'-3.5'	S	ND	ND	ND	ND	ND	ND	1	90
014A	SB-9 9.5'-10'	S	ND	ND	ND	ND	ND	ND	1	83
015A	SB-10 3'-3.5'	S	ND	ND	ND	ND	ND	ND	1	86
024A	SB-14 9.5'-10'	S	ND	ND	ND	ND	ND	ND	1	86

Reporting Limit for DF =1; ND means not detected at or	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	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 w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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Angela Rydelius, Lab Manager

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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

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/17/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08-07/23/08

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

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0807354

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
017A	SB-11 5.5'-6'	S	ND	1	89
018A	SB-11 9.5'-10'	S	ND	1	84
019A	SB-12 5'-5.5'	S	ND	1	90
020A	SB-12 9.5'-10'	S	ND	1	87
021A	SB-13 5'-5.5'	S	ND	1	91
022A	SB-13 9.5'-10'	S	ND	1	89
023A	SB-14 5'-5.5	S	ND	1	90
024A	SB-14 9.5'-10'	S	ND	1	86

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 w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08-07/19/08

MTBE and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-001A	0807354-002A	0807354-003A	0807354-004A	Reporting Limit for DF =1	
Client ID	SB-5 6'-6.5'	SB-5 9.5'-10'	SB-6 5.5'-6'	SB-6 9.5'-10'		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Benzene	ND	ND	ND	ND	0.005	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1:	88	89	87	93		
%SS2:	94	94	91	94		
%SS3:	99	92	92	91		
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.

a3) sample diluted due to high organic content

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08-07/19/08

MTBE and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-005A	0807354-006A	0807354-007A	0807354-008A	Reporting Limit for DF =1	
Client ID	SB-7 6'-6.5'	SB-7 10'-10.5'	SB-7 14.5'-15'	SB-7 15.5'-16'		
Matrix	S	S	S	S		
DF	1	10	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Benzene	ND	ND<0.050	ND	ND	0.005	NA
1,2-Dibromoethane (EDB)	ND	ND<0.040	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND<0.040	ND	ND	0.004	NA
Ethylbenzene	ND	ND<0.050	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND<0.050	ND	ND	0.005	NA
Toluene	ND	ND<0.050	ND	ND	0.005	NA
Xylenes	ND	ND<0.050	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1:	90	88	90	90		
%SS2:	92	89	97	95		
%SS3:	90	82	98	96		
Comments		a3				

* 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.

a3) sample diluted due to high organic content

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
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530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08-07/19/08

MTBE and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-009A	0807354-011A	0807354-012A	0807354-013A	Reporting Limit for DF =1	
Client ID	SB-7 19.5'-20'	SB-8 6'-6.5'	SB-8 9.5'-10'	SB-9 3'-3.5'		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Benzene	ND	ND	ND	ND	0.005	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.004	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS1:	89	88	88	89		
%SS2:	98	96	96	95		
%SS3:	100	99	98	93		
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.

a3) sample diluted due to high organic content

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530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed 07/18/08-07/19/08

MTBE and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0807354

Lab ID	0807354-014A	0807354-015A	0807354-016A		Reporting Limit for DF =1	
Client ID	SB-9 9.5'-10'	SB-10 3'-3.5'	SB-10 9.5'-10'			
Matrix	S	S	S			
DF	1	1	1		S	W
Compound	**Concentration**				mg/kg	ug/L
Benzene	ND	ND	ND		0.005	NA
1,2-Dibromoethane (EDB)	ND	ND	ND		0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND		0.004	NA
Ethylbenzene	ND	ND	ND		0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND		0.005	NA
Toluene	ND	ND	ND		0.005	NA
Xylenes	ND	ND	ND		0.005	NA
Surrogate Recoveries (%)						
%SS1:	89	90	89			
%SS2:	98	98	95			
%SS3:	101	100	98			
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.

a3) sample diluted due to high organic content

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed: 07/17/08

Lead by ICP*

Extraction method: SW3050B Analytical methods: 6010C Work Order: 0807354

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0807354-001A	SB-5 6'-6.5'	S	TOTAL	ND	1	98
0807354-002A	SB-5 9.5'-10'	S	TOTAL	ND	1	104
0807354-003A	SB-6 5.5'-6'	S	TOTAL	ND	1	101
0807354-004A	SB-6 9.5'-10'	S	TOTAL	ND	1	102
0807354-005A	SB-7 6'-6.5'	S	TOTAL	5.8	1	100
0807354-006A	SB-7 10'-10.5'	S	TOTAL	ND	1	106
0807354-007A	SB-7 14.5'-15'	S	TOTAL	ND	1	104
0807354-008A	SB-7 15.5'-16'	S	TOTAL	ND	1	103
0807354-009A	SB-7 19.5'-20'	S	TOTAL	ND	1	101
0807354-011A	SB-8 6'-6.5'	S	TOTAL	7.4	1	102
0807354-012A	SB-8 9.5'-10'	S	TOTAL	ND	1	103
0807354-013A	SB-9 3'-3.5'	S	TOTAL	240	1	102
0807354-014A	SB-9 9.5'-10'	S	TOTAL	5.2	1	104
0807354-015A	SB-10 3'-3.5'	S	TOTAL	ND	1	102

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

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

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed: 07/17/08

Lead by ICP*

Extraction method: SW3050B Analytical methods: 6010C Work Order: 0807354

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0807354-016A	SB-10 9.5'-10'	S	TOTAL	ND	1	105
0807354-017A	SB-11 5.5'-6'	S	TOTAL	550	1	101
0807354-018A	SB-11 9.5'-10'	S	TOTAL	ND	1	98
0807354-019A	SB-12 5'-5.5'	S	TOTAL	ND	1	103
0807354-020A	SB-12 9.5'-10'	S	TOTAL	ND	1	104
0807354-021A	SB-13 5'-5.5'	S	TOTAL	ND	1	102
0807354-022A	SB-13 9.5'-10'	S	TOTAL	5.1	1	103
0807354-023A	SB-14 5'-5.5	S	TOTAL	ND	1	106
0807354-024A	SB-14 9.5'-10'	S	TOTAL	ND	1	101

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

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

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed: 07/16/08

Lead by ICP-MS*

Extraction method: E200.8 Analytical methods: E200.8 Work Order: 0807354

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0807354-010C	W-SB-7	W	DISS.	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	DISS.	0.5	µg/L
	S	TOTAL	NA	mg/Kg

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

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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Angela Rydelius, Lab Manager

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All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed: 07/15/08-07/18/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/SW3550C Analytical methods: SW8015C Work Order: 0807354

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0807354-001A	SB-5 6'-6.5'	S	ND	ND	1	81
0807354-002A	SB-5 9.5'-10'	S	ND	ND	1	83
0807354-003A	SB-6 5.5'-6'	S	3.8,e2	ND	1	82
0807354-004A	SB-6 9.5'-10'	S	ND	ND	1	83
0807354-005A	SB-7 6'-6.5'	S	ND	ND	1	97
0807354-006A	SB-7 10'-10.5'	S	3900,e1	1400	50	109
0807354-007A	SB-7 14.5'-15'	S	2.0,e2	ND	1	113
0807354-008A	SB-7 15.5'-16'	S	11,e1	5.3	1	111
0807354-009A	SB-7 19.5'-20'	S	ND	ND	1	113
0807354-010A	W-SB-7	W	380,000,e1,b6,b1	130,000	100	83
0807354-011A	SB-8 6'-6.5'	S	ND	ND	1	113
0807354-012A	SB-8 9.5'-10'	S	230,e1	71	1	113
0807354-013A	SB-9 3'-3.5'	S	ND	ND	1	101
0807354-014A	SB-9 9.5'-10'	S	ND	ND	1	102
0807354-015A	SB-10 3'-3.5'	S	ND	ND	1	102

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

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

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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

All West Environmental, Inc	Client Project ID: #28074.23; Mandela Sub, Oakland	Date Sampled: 07/14/08
		Date Received: 07/15/08
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 07/15/08
San Francisco, CA 94105	Client P.O.:	Date Analyzed: 07/15/08-07/18/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/SW3550C Analytical methods: SW8015C Work Order: 0807354

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0807354-016A	SB-10 9.5'-10'	S	ND	ND	1	102
0807354-017A	SB-11 5.5'-6'	S	ND,e7	5.7	1	102
0807354-018A	SB-11 9.5'-10'	S	ND	ND	1	100
0807354-019A	SB-12 5'-5.5'	S	ND	ND	1	108
0807354-020A	SB-12 9.5'-10'	S	ND	ND	1	107
0807354-021A	SB-13 5'-5.5'	S	ND	ND	1	107
0807354-022A	SB-13 9.5'-10'	S	ND	ND	1	107
0807354-023A	SB-14 5'-5.5	S	ND	ND	1	100
0807354-024A	SB-14 9.5'-10'	S	ND	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

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

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 36950 WorkOrder 0807354

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0807354-024**

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	105	106	0.611	90.4	89.1	1.40	60 - 130	30	60 - 130	30
Benzene	ND	0.050	93.1	91.3	1.97	107	106	0.989	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	92.1	93.2	1.18	84.7	81.9	3.34	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	96.6	96	0.606	111	110	1.64	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	108	109	0.941	113	111	1.64	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	101	101	0	126	126	0	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	108	107	0.786	91.2	90.5	0.816	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	109	109	0	107	106	1.07	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	106	107	1.25	106	105	0.859	60 - 130	30	60 - 130	30
Toluene	ND	0.050	98.5	97.7	0.773	104	102	2.01	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	110	108	1.16	111	110	0.594	60 - 130	30	60 - 130	30
%SS1:	89	0.12	98	98	0	110	111	0.298	70 - 130	30	70 - 130	30
%SS2:	91	0.12	103	104	0.898	97	97	0	70 - 130	30	70 - 130	30
%SS3:	81	0.12	103	104	1.00	98	98	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 36950 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-017A	07/14/08	07/15/08	07/18/08 2:39 PM	0807354-018A	07/14/08	07/15/08	07/18/08 3:21 PM
0807354-019A	07/14/08	07/15/08	07/18/08 4:03 PM	0807354-020A	07/14/08	07/15/08	07/18/08 4:44 PM
0807354-021A	07/14/08	07/15/08	07/18/08 5:28 PM	0807354-022A	07/14/08	07/15/08	07/18/08 6:11 PM
0807354-023A	07/14/08	07/15/08	07/18/08 6:54 PM	0807354-024A	07/14/08	07/15/08	07/18/08 7:37 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.

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

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 36908 WorkOrder 0807354

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0807311-002**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	90.5	90.6	0.0840	110	110	0	70 - 130	30	70 - 130	30
Benzene	3.5	10	105	104	0.467	114	111	3.02	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	82.4	85.1	3.22	91.3	94.7	3.65	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	108	109	1.19	93.5	90.6	3.18	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	109	110	1.29	98.5	99	0.534	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	88.3	87.3	1.14	121	120	0.480	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	91.6	90.5	1.23	108	101	6.12	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	83.2	82.5	0.839	128	126	1.17	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	90.4	90.6	0.149	124	122	1.06	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	4.1	10	100	101	0.538	119	118	0.665	70 - 130	30	70 - 130	30
Toluene	ND	10	96.8	96.9	0.129	95.8	91.7	4.41	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	121	121	0	106	100	5.20	70 - 130	30	70 - 130	30
%SS1:	102	25	108	107	0.261	103	102	0.304	70 - 130	30	70 - 130	30
%SS2:	104	25	100	101	0.394	97	96	0.690	70 - 130	30	70 - 130	30
%SS3:	123	25	93	92	1.08	110	113	2.57	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 36908 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-010B	07/14/08	07/19/08	07/19/08 12:05 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.

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

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QA/QC Officer

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

QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 36909 WorkOrder 0807354

EPA Method E200.8 **Extraction E200.8** **Spiked Sample ID: 0807084-004B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	0.81	10	89.1	90.4	1.32	97.8	98	0.235	70 - 130	20	80 - 120	20
%SS:	94	750	93	95	1.62	93	94	0.528	70 - 130	20	70 - 130	20

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

NONE

BATCH 36909 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-010C	07/14/08	07/15/08	07/16/08 1:06 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 applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 36966 WorkOrder 0807354

EPA Method SW8015Cm **Extraction SW5030B** **Spiked Sample ID: 0807373-010**

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	94.9	104	9.47	96.5	95.2	1.25	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.2	87.9	2.58	101	100	0.558	70 - 130	20	70 - 130	20
Benzene	ND	0.10	94.9	93.1	1.93	89.6	92.4	3.14	70 - 130	20	70 - 130	20
Toluene	ND	0.10	84	81.8	2.72	88.2	91.7	3.97	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	92.4	88.2	4.59	94.3	96.8	2.62	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	86.9	84.2	3.17	105	108	3.25	70 - 130	20	70 - 130	20
%SS:	79	0.10	97	94	2.16	102	91	11.6	70 - 130	20	70 - 130	20

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

NONE

BATCH 36966 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-017A	07/14/08	07/17/08	07/23/08 12:41 PM	0807354-018A	07/14/08	07/17/08	07/18/08 3:02 PM
0807354-019A	07/14/08	07/17/08	07/18/08 2:14 PM	0807354-020A	07/14/08	07/17/08	07/18/08 1:41 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.

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 37003 | WorkOrder 0807354

EPA Method SW8015Cm **Extraction SW5030B** **Spiked Sample ID: 0807354-024**

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	108	101	7.51	104	104	0	70 - 130	20	70 - 130	20
MTBE	ND	0.10	102	107	5.39	111	112	1.13	70 - 130	20	70 - 130	20
Benzene	ND	0.10	101	98	2.58	98.5	101	2.07	70 - 130	20	70 - 130	20
Toluene	ND	0.10	89.3	87.2	2.46	88	88.8	0.916	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	99.9	96.3	3.70	98.6	99	0.414	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	98.7	97.3	1.42	96	98	2.05	70 - 130	20	70 - 130	20
%SS:	86	0.10	88	90	2.24	90	86	4.48	70 - 130	20	70 - 130	20

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

NONE

BATCH 37003 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-021A	07/14/08	07/17/08	07/18/08 5:36 PM	0807354-022A	07/14/08	07/17/08	07/18/08 4:35 PM
0807354-023A	07/14/08	07/17/08	07/18/08 4:04 PM	0807354-024A	07/14/08	07/17/08	07/18/08 5:06 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.

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 36887 WorkOrder 0807354

EPA Method SW8015C **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	105	106	0.409	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	108	107	0.932	N/A	N/A	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 36887 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-010A	07/14/08	07/15/08	07/18/08 10:35 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.

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

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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"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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 36925 WorkOrder 0807354

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0807330-012**

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
Benzene	ND	0.050	108	108	0	102	105	3.09	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	110	109	0.897	104	105	0.626	60 - 130	30	60 - 130	30
Toluene	ND	0.050	104	107	2.60	80.3	81.7	1.74	60 - 130	30	60 - 130	30
%SS1:	91	0.12	111	109	1.21	98	99	0.899	70 - 130	30	70 - 130	30
%SS2:	95	0.12	96	96	0	99	98	1.03	70 - 130	30	70 - 130	30
%SS3:	96	0.12	92	92	0	105	107	1.63	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 36925 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-001A	07/14/08	07/15/08	07/19/08 8:17 AM	0807354-002A	07/14/08	07/15/08	07/18/08 11:10 PM
0807354-003A	07/14/08	07/15/08	07/18/08 11:52 PM	0807354-004A	07/14/08	07/15/08	07/19/08 12:34 AM
0807354-005A	07/14/08	07/15/08	07/19/08 1:16 AM	0807354-006A	07/14/08	07/15/08	07/19/08 1:58 AM
0807354-007A	07/14/08	07/15/08	07/19/08 2:40 AM	0807354-008A	07/14/08	07/15/08	07/19/08 3:22 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.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 36947 WorkOrder 0807354

EPA Method SW8015C **Extraction SW3550C** **Spiked Sample ID: 0807354-021**

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-Diesel (C10-C23)	ND	20	97	97.7	0.729	104	104	0	70 - 130	30	70 - 130	30
%SS:	107	50	107	108	0.613	115	115	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 36947 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-001A	07/14/08	07/15/08	07/16/08 12:31 AM	0807354-002A	07/14/08	07/15/08	07/16/08 1:37 AM
0807354-003A	07/14/08	07/15/08	07/16/08 2:43 AM	0807354-004A	07/14/08	07/15/08	07/16/08 3:49 AM
0807354-005A	07/14/08	07/15/08	07/16/08 8:57 PM	0807354-006A	07/14/08	07/15/08	07/16/08 5:20 PM
0807354-007A	07/14/08	07/15/08	07/16/08 1:37 AM	0807354-008A	07/14/08	07/15/08	07/16/08 2:43 AM
0807354-009A	07/14/08	07/15/08	07/16/08 3:49 AM	0807354-011A	07/14/08	07/15/08	07/16/08 7:06 AM
0807354-012A	07/14/08	07/15/08	07/16/08 8:12 AM	0807354-013A	07/14/08	07/15/08	07/15/08 11:23 PM
0807354-014A	07/14/08	07/15/08	07/16/08 12:31 AM	0807354-015A	07/14/08	07/15/08	07/16/08 3:55 AM
0807354-016A	07/14/08	07/15/08	07/16/08 5:03 AM	0807354-017A	07/14/08	07/15/08	07/16/08 6:11 AM
0807354-018A	07/14/08	07/15/08	07/16/08 8:31 AM	0807354-019A	07/14/08	07/15/08	07/16/08 3:55 AM
0807354-020A	07/14/08	07/15/08	07/16/08 5:03 AM	0807354-021A	07/14/08	07/15/08	07/16/08 6:11 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.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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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 SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 36948 WorkOrder 0807354

EPA Method SW8015C **Extraction SW3550C** **Spiked Sample ID: 0807354-024**

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-Diesel (C10-C23)	ND	20	96.6	97.2	0.537	105	97.8	6.67	70 - 130	30	70 - 130	30
%SS:	105	50	106	107	1.24	103	108	4.32	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 36948 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-022A	07/14/08	07/15/08	07/16/08 7:19 AM	0807354-023A	07/14/08	07/15/08	07/16/08 9:41 AM
0807354-024A	07/14/08	07/15/08	07/16/08 9:41 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.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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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 BatchID: 36950 WorkOrder 0807354

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0807354-024**

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
Benzene	ND	0.050	93.1	91.3	1.97	107	106	0.989	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	106	107	1.25	106	105	0.859	60 - 130	30	60 - 130	30
Toluene	ND	0.050	98.5	97.7	0.773	104	102	2.01	60 - 130	30	60 - 130	30
%SS1:	89	0.12	98	98	0	110	111	0.298	70 - 130	30	70 - 130	30
%SS2:	91	0.12	103	104	0.898	97	97	0	70 - 130	30	70 - 130	30
%SS3:	81	0.12	103	104	1.00	98	98	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 36950 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-009A	07/14/08	07/15/08	07/19/08 4:04 AM	0807354-011A	07/14/08	07/15/08	07/19/08 4:46 AM
0807354-012A	07/14/08	07/15/08	07/19/08 5:29 AM	0807354-013A	07/14/08	07/15/08	07/18/08 1:52 PM
0807354-014A	07/14/08	07/15/08	07/19/08 6:11 AM	0807354-015A	07/14/08	07/15/08	07/19/08 6:53 AM
0807354-016A	07/14/08	07/15/08	07/19/08 7:35 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.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0807354

EPA Method 6010C **Extraction SW3050B** **BatchID: 36944** **Spiked Sample ID 0807352-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	47	50	90	86.5	1.95	10	89.5	107	17.4	75 - 125	20	80 - 120	20
%SS:	105	250	105	103	1.72	250	103	100	2.94	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 36944 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-001A	07/14/08	07/15/08	07/17/08 1:55 PM	0807354-002A	07/14/08	07/15/08	07/17/08 1:57 PM
0807354-003A	07/14/08	07/15/08	07/17/08 1:59 PM	0807354-004A	07/14/08	07/15/08	07/17/08 2:01 PM
0807354-005A	07/14/08	07/15/08	07/17/08 2:04 PM	0807354-006A	07/14/08	07/15/08	07/17/08 2:06 PM
0807354-007A	07/14/08	07/15/08	07/17/08 2:09 PM	0807354-008A	07/14/08	07/15/08	07/17/08 2:11 PM
0807354-009A	07/14/08	07/15/08	07/17/08 2:13 PM	0807354-011A	07/14/08	07/15/08	07/17/08 2:15 PM
0807354-012A	07/14/08	07/15/08	07/17/08 2:22 PM	0807354-013A	07/14/08	07/15/08	07/17/08 2:24 PM
0807354-014A	07/14/08	07/15/08	07/17/08 2:27 PM	0807354-015A	07/14/08	07/15/08	07/17/08 2:29 PM
0807354-016A	07/14/08	07/15/08	07/17/08 2:31 PM	0807354-017A	07/14/08	07/15/08	07/17/08 2:34 PM
0807354-018A	07/14/08	07/15/08	07/17/08 2:36 PM	0807354-019A	07/14/08	07/15/08	07/17/08 2:38 PM
0807354-020A	07/14/08	07/15/08	07/17/08 2:41 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.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0807354

EPA Method 6010C **Extraction SW3050B** **BatchID: 36951** **Spiked Sample ID 0807354-024A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	ND	50	98.7	108	9.18	10	111	109	2.31	75 - 125	20	80 - 120	20
%SS:	101	250	100	102	2.42	250	100	103	3.19	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 36951 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807354-021A	07/14/08	07/15/08	07/17/08 2:43 PM	0807354-022A	07/14/08	07/15/08	07/17/08 2:50 PM
0807354-023A	07/14/08	07/15/08	07/17/08 2:52 PM	0807354-024A	07/14/08	07/15/08	07/17/08 12:27 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.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.