ENVIRONMENTAL COST MANAGEMENT, INC.
Managing Cost and Liability
660 Baker Street, Suite 253
Costa Mesa, California 92626
Main: (714) 662-2759 Fax: (714) 662-2758
www.ecostmanage.com

July 23, 2008

Jerry Wickham, PG
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Supplemental Soil, Soil Gas, and Groundwater Investigation Report
Carnation Dairy, 1310 14th Street, Oakland, CA
Fuel Leak Case No. RO0000018 and Geotracker Global ID T0600100262

Dear Mr. Wickham:

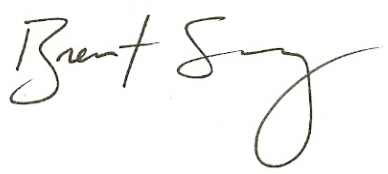
On behalf of Nestlé USA, Inc. (Nestlé), Environmental Cost Management, Inc. (ECM) has prepared this *Supplemental Soil, Soil Gas, and Groundwater Investigation Report* for the site located at 1310 14th Street in Oakland, California.

This workplan is submitted in order to document the results of on-site investigation activities, as proposed in the March 7, 2008 *Supplemental Soil, Soil Gas, and Groundwater Investigation Workplan* and the March 21, 2008 *Revised Workplan for Soil and Groundwater Sampling for Polychlorinated Biphenyls* (PCBs). Additional comments and requests made in the April 22, 2008 workplan comment letter from ACHS are also reflected in this report. The information presented within this report is intended to provide Nestlé with data to be used in the development of the upcoming revised Site Conceptual Model (SCM) and Risk Assessment.

Should you have any questions, please call me at (510) 433-0669.

Perjury Statement

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.



Brent Searcy, P.E.
Senior Engineer
Environmental Cost Management, Inc.
Enclosure: Supplemental Soil, Soil Gas, and Groundwater Investigation

Cc: Mike Desso, Nestlé USA (CD copy)
Noelia Marti-Colon, Nestlé USA, Legal (CD and hard copy)
Nestlé USA, File (CD and hard copy)
Ken Cheitlin, Hall Equities Group (CD copy)
Rob Balas, Iris Environmental (CD copy)
ECM, File (CD copy)

Report to:
Nestlé USA, Inc.
800 North Brand Boulevard
Glendale, California 91203

Supplemental Soil, Soil Gas, and Groundwater Investigation Report
Former Nestlé USA, Inc. Facility
1310 14th Street, Oakland, CA

July 23, 2008

Prepared By:

ENVIRONMENTAL COST MANAGEMENT, INC.
Managing Cost and Liability
660 Baker Street, Suite 253
Costa Mesa, California 92626
Main: (714) 662-2759 Fax: (714) 662-2758
www.ecostmanage.com

Binayak Acharya
Program Manager

Date: 7/23/08

Brent Searcy, P.E.
Senior Engineer

Date: 7/23/08

REGISTERED PROFESSIONAL ENGINEER
BRENT A. SEARCY
No. C66647
Exp. 6/30/10
CIVIL
STATE OF CALIFORNIA

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1 INTRODUCTION

On behalf of Nestlé USA, Inc. (Nestlé), Environmental Cost Management, Inc. (ECM) has prepared this Supplemental Soil, Soil Gas, and Groundwater Investigation Report documenting the advancement of 15 direct-push soil borings. The purpose of this investigation was to collect soil vapor, soil, and groundwater samples to provide data for additional delineation of potential residual hydrocarbons and polychlorinated biphenyls (PCBs) in the subsurface at the northwest corner of 1310 14th Street, Oakland, California (Figure 1). This report is submitted in response to requests for additional delineation of possible hydrocarbon and PCB impacts, and to support the preparation of the revised Site Conceptual Model (SCM) as requested in the Alameda County Health Care Service's (ACHS) directive dated September 28, 2007.

The field sampling activities described in this report were originally proposed in both the March 7, 2008 *Supplemental Soil, Soil Gas, and Groundwater Investigation Workplan*[1] and the March 21, 2008 *Revised Workplan for Soil and Groundwater Sampling for Polychlorinated Biphenyls* (PCBs)[2]. These workplans were approved by the ACHS, providing additional logging and sampling requested by Jerry Wickham of the ACHS was performed as part of the investigation, as documented in the April 22, 2008 workplan comment letter from ACHS.

The data collected during this investigation is intended: (1) to address several data gaps identified in the development of a revised Site Conceptual Model (SCM), (2) to provide current data for consideration in the upcoming revised Risk Assessment, and (3) to help determine the extent of any future soil excavation activities. The following sections provide the details of geologic logging of 15 soil borings and the chemical analyses performed for soil gas, soil, and groundwater samples collected from these borings.

2 SAMPLING LOCATIONS

The 15 soil boring locations, as shown in Figure 2, were selected and proposed in order to address concerns noted in the ACHS' September 28, 2007 directive[3], and to provide necessary data for development of a revised SCM and revised Risk Assessment. Figure 2 indicates the location of borings sampled for hydrocarbons (SB-16 through SB-27) and PCBs (PCB-1 through PCB-7). Prior to all direct-push drilling activities, all boring locations were marked and cleared for the presence any on-site utilities by Underground Service Alert (USA) and a private utility clearance service. Samples were collected within soil and groundwater matrices at all sampling locations. Soil gas samples were collected at all hydrocarbon soil boring locations, SB-16 through SB-27 (see Figure 2).

These locations were selected to provide subsurface delineation of any hydrocarbon and PCB impacts for areas which the ACHS[4] has identified as not thoroughly characterized. In addition, some borings were located to provide current characterization data for areas of residual hydrocarbons. Borings along the northern portion of the site and downgradient of the former UST locations at the site (SB-16, SB-17, SB-18, SB-19, SB-20) were positioned to confirm and further assess the current level of residual hydrocarbon impacts as previously documented in the Comprehensive Site Characterization Report[5]. The soil gas samples, taken from a depth of 5 feet below ground surface (ft. bgs) at borings SB-16 through SB-27 were intended to provide a complete set of shallow soil gas sampling locations for use in the planned revised risk assessment. Table 1, in conjunction with Figure 2, provides a listing of boring locations and rationales in support of those locations relative to the goals of this investigation.

3 SAMPLE COLLECTION

Samples were collected for this investigation from multiple media (soil gas, soil, and groundwater), and analyzed for total petroleum hydrocarbons, BTEX constituents, select VOCs, and/or PCBs, depending on the sample location and the rationale for the location of each soil boring. The following sections describe the sample collection protocols used in sampling each of these three media. Section 4 of this report presents the details of the laboratory analytical results for samples from all locations and each media.

3.1 Soil Gas Samples

Soil gas samples were collected from the locations indicated in Figure 6. Soil gas sampling was performed as recommended by the *Los Angeles Regional Water Quality Control Board (LARWQCB)/California Department of Toxic Substances Control (DTSC) Advisory for Active Soil Gas Investigations*[6]. All soil gas sample analyses were performed immediately following sample collection via a California-certified on-site mobile lab (TEG, Inc.) with full Gas Chromatography (GC) and Mass Spectrometry (MS) capabilities (see Appendix B).

Soil gas sampling points were established through the placement of temporary probes consisting of a ¼-inch diameter ceramic filter tip connected to 1/8-inch Teflon tubing. The probes were placed in the subsurface using 2-inch direct push (Geoprobe®) drive rods which were then removed. The sampling tip was set at 5 ft. bgs and with 6-inches of #0/30 (medium) Monterey sand filling the annular space both above and below the sampling tip. The upper portion of the 2-inch boring was then filled with a hydrated bentonite seal to the ground surface, with the Teflon tubing extending through this seal to the surface and capped at the surface prior to sampling activities. Per the LARWQCB/DTSC guidance, these direct-push temporary vapor sampling points were allowed to equilibrate for a minimum of 30 minutes following probe installation and before any sampling activities were commenced.

Prior to sampling the temporary vapor points, an appropriate purge volume was estimated based on the summation of the volume of the internal tubing used and annular space around the probe tip. This volume was calculated at 51 cm^3. Purge tests of 1, 3, and 7 purge volumes were conducted and samples were analyzed to establish the necessary purge volume to be applied at all sampling locations. As chemicals of potential concern (COPCs) were not detected (see Appendix B) during any of the preliminary purge tests, a default of three purge volumes (154 cm^3) was established for extraction prior to sampling at each location.

Leak tests were conducted at every soil gas sampling location. 1,1-difluoroethane was used as a leak check compound around the probe rods prior to soil vapor sampling at each temporary vapor sampling point. No 1,1 difluoroethane was detected at or above the DTSC-recommended leak check compound reporting limit of 10 micrograms per liter (µg/L) of vapor (see Appendix B) in any of the vapor samples.

After leak testing and purging, soil gas samples were collected using a 100-ml, gas-tight syringe fitted with an inert valve and connected to the 1/8-inch Teflon tubing. Syringes were immediately walked to an on-site lab and analyzed within 20 minutes by a certified on-site mobile laboratory.

Soil gas samples from each boring were analyzed for gasoline and diesel range organics via EPA method 8015m and BTEX components, and VOC analytes via EPA method 8260B. Section 4.2 of

this report provides the details and results of the laboratory analysis for the soil gas samples collected using these methods..

3.2 Soil Samples

Soil borings were advanced using a 2-inch diameter direct-push Geoprobe® coring method. All borings were logged during drilling and lithologic logs were prepared for each boring (see Appendix A). At each boring, a soil sample was collected from immediately above the first-encountered saturated zone. Samples were typically collected between 6 and 10 ft. bgs, as documented in Figures 7, 8, and 11. Per prior agreement with the ACHS, soil boring SB-17 was to be extended to 30 ft. bgs, collecting soil samples every 5 feet. The truck-mounted direct-push rig was unable to drive sampling rods through saturated and consolidated sands encountered in this boring at approximately 20 ft. bgs. Extending the direct-push rods to 30 ft. bgs was attempted at several nearby borings (SB-18 and SB-20/PCB-7), with similar refusal of the direct-push rods experienced at approximately 20 ft. bgs. Samples were, therefore, collected and analyzed from 5, 10, 15, and 20 ft. bgs at soil boring SB-17.

The driller drove clean, decontaminated probe rods at each soil boring location shown in Figure 2 to extract continuous soil cores in 5-foot acetate liners. The on-site geologist logged all borings (see Appendix A) and screened the cores for hydrocarbon impacts using a calibrated photoionization detector (PID). These observations, and other relevant lithologic and hydrogeologic observations of the soil cores, were recorded on the boring log sheets.

Soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline, diesel, and motor oil (TPH-g, TPH-d, and TPH-mo) via EPA Method 8015B modified and BTEX components via EPA method 8260. Depending on the motivation for the various boring locations (Section 2), soil samples were also analyzed for 1,2-DCA via EPA method 8260 and PCBs via EPA Method 8082 (see Table 3 and Table 4). Duplicate soil samples were also collected to validate and verify soil sampling consistency and method (Appendix C).

3.3 Grab Groundwater Samples

Following the collection of soil samples from each boring, the Geoprobe® driving rod was removed and a temporary 1-inch diameter PVC casing, with a ten foot segment of 0.02-inch slotted PVC casing attached to the lower portion of the PVC casing (generally spanning the 10 to 20 ft. bgs vertical interval), was placed in the boring. This allowed for the infiltration of the necessary quantity of groundwater from the first-encountered saturated zone for the various laboratory analysis planned at each boring location (see Figures 9, 10, and 12 and Tables 5 and 6). Groundwater samples were collected with an above-ground low flow peristaltic pump, through non-reactive ¼-inch Teflon® tubing lowered to the middle of the depth of the slotted PVC casing (typically resulting in groundwater being extracted from the boring at a depth of 15 ft bgs).

Groundwater samples were analyzed for TPH-g, TPH-d, TPH-mo, and BTEX components via EPA method 8015B and 8260 respectively. Selected groundwater samples (see Section 2) were also analyzed for 1,2-DCA via EPA method 8260B and PCBs via EPA method 8082 (see Tables 5 and 6). Duplicate groundwater samples were also collected to validate and verify groundwater sampling consistency and methodology (Appendix C).

Following drilling and sampling activities, all temporary PVC casings were removed and boring locations were grouted using a tremie pipe with an approved Type I/II Portland cement grout mixture, as witnessed by Alameda County Public Works Agency representatives on May 23, 2008.

3.4 Sample Handling and QA/QC

Field QC samples were collected, stored, transported and analyzed in a manner consistent with investigation samples. The following soil and groundwater QC samples were collected to support the sampling activity:

1. Trip blanks (provided by laboratory) for delivery with cooler/shipped container(s)
2. Equipment blanks (decontamination water samples) were collected at the end of each day of drilling to verify the effectiveness of decontamination procedures.
3. Duplicate samples were collected for the various matrices sampled once per day.

Vapor samples were analyzed on-site by TEG, a California-certified laboratory. Duplicate sampling was performed for vapor samples (see Appendix B) to ensure consistent vapor analysis results. The details of laboratory analyses for vapor, soil, and groundwater appear in the subsections below.

4 INVESTIGATION RESULTS

4.1 Boring Logs and Updated Cross Sections

An ECM geologist logged the continuous cores extracted at all direct-push soil boring locations. Boring log data includes:

- boring location;
- date;
- sample depth(s);
- significant penetration resistance during boring;
- sample identification;
- sample depth;
- PID readings in units of PPM (parts per million);
- depth of water table, if encountered;
- visual soil classification, if available; and
- any additional field observations.

All boring logs are included in Appendix A. Lithologic information was used to develop two additional cross sections for the site, as shown in Figures 3, 4, and 5. These cross sections confirm that soils from ground surface to 20 ft. bgs are primarily well sorted sands, with discontinuous areas of silty sands. The boring log information collected during this investigation will be used in conjunction with additional historical lithologic data in developing site-wide cross sections as part of the upcoming revised Site Conceptual Model.

4.2 Soil Gas Samples

Hydrocarbons, BTEX constituents, and VOCs

Soil gas samples were collected from 12 sampling locations at a depth of 5 ft bgs. All soil vapor sample locations and analytical results are shown in Figure 6 and Table 2.

Soil gas sampling reported detectable concentrations of hydrocarbons or VOC constituents in five of the 12 sampling locations. Detected TPH-g concentrations ranged from below the laboratory detection limit of 50 µg/L to 2,600 µg/L at boring SB-22. TPH-d was not detected in any soil gas samples. Benzene was detected at two of the 12 sampling locations, with the highest benzene concentration in soil gas reported at 40 µg/L at boring SB-22. Ethylbenzene, toluene, and xylenes were detected at 3 of the 12 sampling locations. No detections of 1,2-DCA were reported in any of the soil gas samples. All soil gas samples reported below detection limits for 1,2-DCA. Detections of dichlorodifluoromethane (i.e., Freon-12) were found in soil gas samples from two soil borings (SB-22 and SB-26).

Results of the soil gas sampling performed as part of this investigation will be used in assessing residual concentrations associated with chemicals of potential concern in the upcoming revised site conceptual model report and revised risk assessment (see Section 5, below).

4.3 Soil Samples

Hydrocarbons and BTEX constituents

Soil samples were collected from 12 sampling locations (SB-16 through SB-27) at depths ranging from 6.0 to 20.5 ft bgs, and analyzed for the presence of TPH-g, TPG-d, and TPH-mo, BTEX constituents, and 1,2-DCA. Per the *Supplemental Soil, Soil Gas, and Groundwater Investigation Workplan*[7] and the subsequent comment letter response from the ACHS, soil sampling at SB-17 was attempted to 30 ft. bgs, with soil samples collected every 5 feet. Direct-push coring limitations, as previously noted, allowed for extending the direct push rods to a maximum of 20.5 ft. bgs. Soil samples were, therefore, collected at 5, 10, 15, and 20 ft. bgs at boring SB-17.

Total petroleum hydrocarbons (in the gasoline, diesel, and motor oil ranges) detected in soil were consistent with the location of hydrocarbon impacts identified in previous soil and groundwater sampling efforts[8]. Elevated levels of hydrocarbons were detected at borings located to the north and northwest of the former UST locations (see Figure 8). Hydrocarbon concentrations in laboratory analyses of soil samples for TPH-g ranged from below the detection limit up to 12,000 mg/kg (in SB-17 at 10 ft. bgs). TPH-d concentrations ranged from below the detection limit up to 17,000 mg/kg (in SB-17 at 10 ft. bgs). TPH-mo concentrations ranged from below the detection limit up to 13,000 mg/kg (at SB-17 from 10 ft. bgs). The highest benzene concentration in soil of 140 mg/kg was detected in the sample from 10 ft bgs at boring SB-17. The levels of ethylbenzene, toluene, and xylenes that were detected in soil samples were generally coincident with TPH and benzene concentrations and were most elevated at borings located to the north and northwest of the former UST locations (see Figures 7 and 8). 1,2-DCA was not detected above detection limit at any of the soil boring sampling locations.

Soil sampling performed for multiple depths, up to 20 ft. bgs, at soil boring SB-17 confirmed the absence of BTEX constituents below 10 ft bgs. Sampling for TPH-g, TPH-d, and TPH-mo at

multiple depths at soil boring SB-17 confirmed the absence of these hydrocarbon ranges below 15 ft. bgs (see Figures 7 and 8 and Table 3).

Polychlorinated Biphenyls (PCBs)

Soil samples for laboratory analysis for PCBs were collected from 8 soil boring locations at depths ranging from 8.5 to 9.5 ft. bgs (see Figure 11). None of the soil samples for PCBs resulted in PCB concentrations above detection limits. These sample results are consistent with prior findings that there were no sources of PCB at the site. The results will be incorporated in the upcoming revised site conceptual model.

4.4 Grab Groundwater Samples

Hydrocarbons and BTEX constituents

Grab groundwater samples were collected at 11 boring locations (SB-16 through SB-22 and SB-24 through SB-27), from temporary sampling points screened from approximately 10 to 20 ft. bgs, as shown in Figures 9 and 10. Samples were analyzed for the presence of TPH-g, TPG-d, and TPH-mo, BTEX constituents, and 1,2-DCA. Boring locations SB-23 and SB-27/PCB-3 did not produce sufficient quantities of groundwater from the temporary wells (after allowing for 24 hours of infiltration) to allow analysis for all constituents (see Table 5).

Hydrocarbon (gasoline, diesel, and motor oil range) detections in groundwater were consistent with the location of hydrocarbon impacts identified in previous groundwater sampling efforts (ETIC, 2001). The most elevated hydrocarbon detections in groundwater were located to the north of the former UST locations (see Figures 9 and 10). Hydrocarbon concentrations in groundwater samples analyzed for TPH-g range from below detection limit up to 870,000 µg/L (at SB-22). TPH-d concentrations range from below detection limit up to 560,000 µg/L (at SB-17). TPH-mo concentrations range from below detection limit up to 410,000 µg/l (at SB-17). Benzene concentrations in groundwater range from non-detectable levels to 50,000 µg/L at boring SB-18. The most elevated petroleum hydrocarbon and benzene concentrations from these borings (at SB-17, SB-18, and SB-22) may indicate separate phase hydrocarbons in groundwater, although direct observations of separate phase hydrocarbons were not noted during grab groundwater sampling activities.

Ethylbenzene, toluene, and xylenes detections in groundwater samples were generally coincident with TPH-g, TPH-d, and benzene concentrations, and were also most elevated at borings located to the north of the former UST locations (see Figure 9). 1,2-DCA was detected in groundwater at two sampling locations, SB-18 (at 2,200 µg/L) and SB-20/PCB-7 (at 930 µg/L).

Polychlorinated Biphenyls (PCBs)

Groundwater samples from seven soil boring locations were analyzed for the presence of PCBs (see Figure 12 and Table 6). Laboratory reports indicate that none of these groundwater samples resulted in PCB concentrations above detection limits. Sampling at location PCB-4 did not produce sufficient quantities of groundwater from the temporary well (after allowing for 24 hours of infiltration) to allow for analysis for PCBs (see Table 6). The absence of PCB detections in groundwater is consistent with prior information indicating that were no sources of PCBs at the site. This information will be incorporated into the upcoming revised site conceptual model.

5 CONCLUSIONS AND FUTURE ACTION PLAN

5.1 Conclusions

Soil gas, soil, and groundwater sampling from the 15 soil borings provide information addressing several areas of concern noted in previous correspondence and discussions[9] at the site. The data collected and presented in this report will be used in upcoming site-wide assessments of the overall site conceptual model and in a revised Risk Assessment. The data collected during these investigation and sampling activities indicate the following:

- Residual hydrocarbon impacts to soil and groundwater are present in the areas directly north and northwest of the location of the former USTs (see Figure 2).

- The extent of hydrocarbon impacts is consistent with previous characterizations of soil impacts[10] and historical groundwater sampling[11 12] performed at the site.

- Areas of potential data gaps noted in the ACHS' September 28, 2007 directive have been addressed, and will be further characterized in conjunction with other relevant data within the upcoming revised site conceptual model (SCM) report.

- The lack of PCB detections in soil and groundwater adequately addressed ACHS requests for additional documentation of the presence or absence of PCBs at the site. This data will also be presented as part of the revised site conceptual model (SCM) report.

Results from this investigation will be used to:

- provide further delineation and address areas of concern in the development of the revised SCM under development (per the ACHS' September 28, 2007 directive);

- provide additional characterization and input data for exposure pathways identified as applicable in the revised Risk Assessment; and

- provide additional site characterization data for assessing the possibility of any future soil excavation activities

5.2 Future Action Plan

Following ACHS' review of this report and the receipt of any comments from ACHS, Nestlé proposes to meet with ACHS staff to discuss the data collected from the investigation, and to address any comments about the investigation.

Following these discussions, Nestlé proposes to incorporate the results of this investigation into the revised SCM and submit a Revised Site Conceptual Model Report with in 60 days after the receipt of any written comments and/or meetings with ACHS regarding the findings from this supplemental investigation. This report will provide an integrated, comprehensive conceptual understanding of the subsurface geology, historical releases, contaminant transport, remediation activities, and residual concentrations at the site, based on all available historical data and the data obtained by this supplemental soil boring investigation

Subsequent to the submittal of the revised SCM, ECM/Nestlé will address any comments from ACHS via written correspondence or meetings. Once ACHS comments regarding the revised SCM have been addressed, the cumulative site characterization data presented in the revised SCM report will serve as the input for identified Constituents of Potential Concern (COPC) to be assessed in the revised Risk Assessment for the site.

Nestlé proposes to submit this revised Risk Assessment report within 60 days of the receipt of approval for the Revised SCM report from the ACHS. The revised Risk Assessment is intended to provide an understanding of any exposure risks associated with current COPC residual concentrations identified within the subsurface.

6 REFERENCES

[1] Environmental Cost Management (ECM, Inc.). 2008. *Supplemental Soil, Soil Gas, and Groundwater Investigation Workplan, Former Nestlé USA, Inc. Facility, 1310 14th Street, Oakland, California*. ECM, Costa Mesa, California. March.

[2] Environmental Cost Management (ECM, Inc.). 2008. *Response to Alameda County Health Care Services Comment Letter dated February 13, 2008. and Revised PCB Workplan, Former Nestlé USA, Inc. Facility, 1310 14th Street, Oakland, California*. ECM, Costa Mesa, California. March.

[3] Alameda County Health Care Services Agency. 2007. *September 28th letter directive from Jerry Wickham, P.G. to Mr. Mike Desso (Nestlé) and Mr. Mark Hall (Encinal)*, Fuel Leak Case No. ROO000018 and Geotracker Global ID T0600100262, Carnation Dairy, 1310 14th Street, Oakland, CA 94607, Alameda, California.

[4] Alameda County Health Care Services Agency. 2007. *September 28th letter directive from Jerry Wickham, P.G. to Mr. Mike Desso (Nestlé) and Mr. Mark Hall (Encinal)*, Fuel Leak Case No. ROO000018 and Geotracker Global ID T0600100262, Carnation Dairy, 1310 14th Street, Oakland, CA 94607, Alameda, California.

[5] ETIC (ETIC Engineering, Inc.). 2001. *Comprehensive Site Characterization Report, Former Nestlé USA, Inc. Facility, 1310 14th Street, Oakland, California*. ETIC, Pleasant Hill, California. January.

[6] Los Angeles Regional Water Quality Control Board (LARWQCB)/California Department of Toxic Substances Control (DTSC). 2003. *Advisory for Active Soil Gas Investigations*, LARWQCB/ DTSC. Los Angeles, California. January

[7] Environmental Cost Management (ECM, Inc.). 2008. *Supplemental Soil, Soil Gas, and Groundwater Investigation Workplan, Former Nestlé USA, Inc. Facility, 1310 14th Street, Oakland, California*. ECM, Costa Mesa, California. March.

[8] Harding Lawson Associates (HLA). 1991. *Site Characterization Report, Carnation Facility, Oakland, California*. HLA, Novato, California. September.

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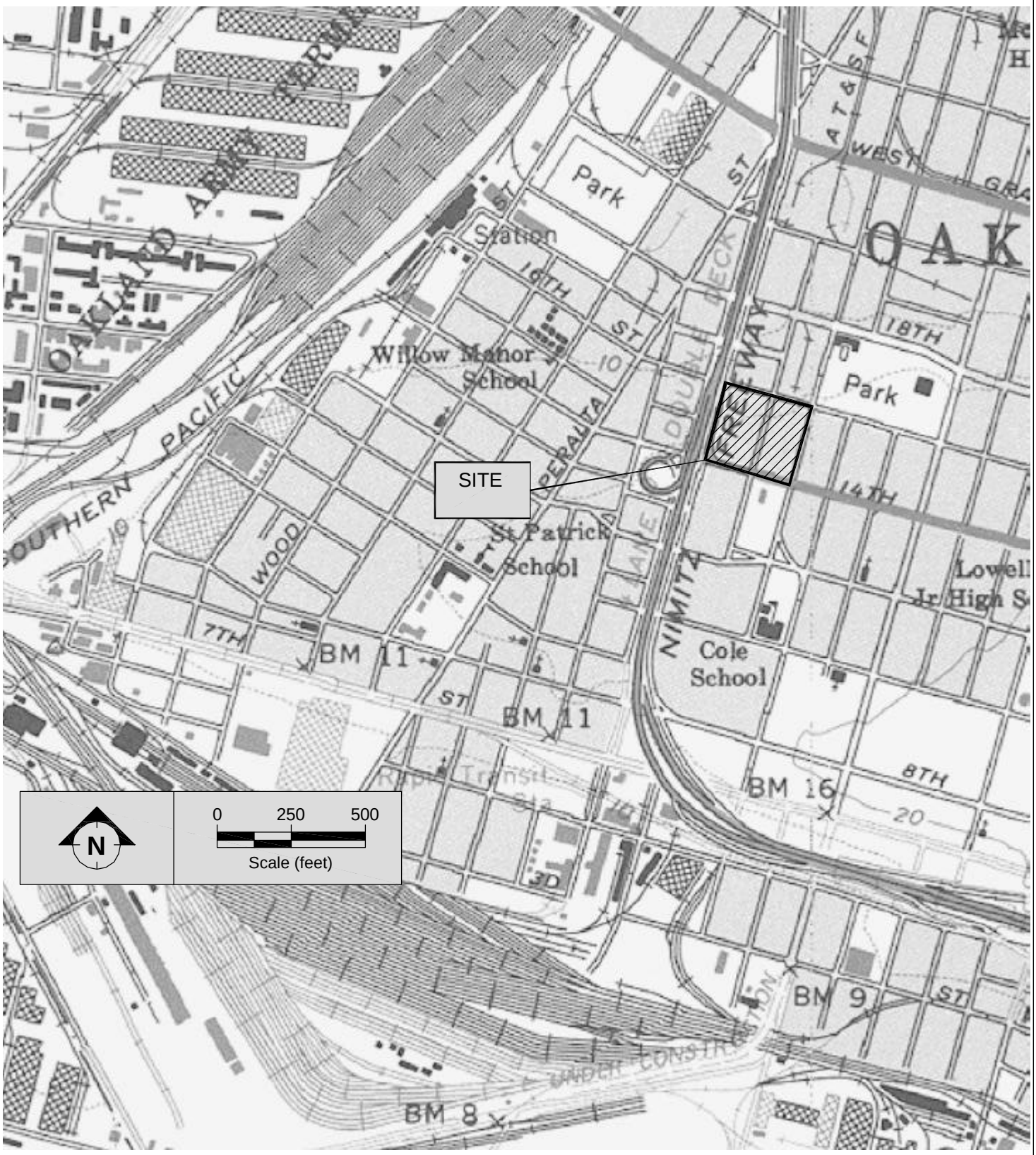
[10] Harding Lawson Associates (HLA). 1991. *Site Characterization Report, Carnation Facility, Oakland, California*. HLA, Novato, California. September.

[11] ETIC (ETIC Engineering, Inc.). 2001. *Comprehensive Site Characterization Report, Former Nestlé USA, Inc. Facility, 1310 14th Street, Oakland, California*. ETIC, Pleasant Hill, California. January.

[12] Environmental Cost Management (ECM, Inc.). 2005. *Second Semi-Annual 2004 Groundwater Monitoring Report, Former Nestlé USA, Inc. Facility, 1310 14th Street, Oakland, California*. ECM, Costa Mesa, California. February.

Figures



ENVIRONMENTAL COST MANAGEMENT

Managing Cost and Liability

660 Baker Street, Suite 253 ● Costa Mesa, CA 92626

Tel: (714) 662-2759 ● Fax: (714) 662-2758

Site Location Map

Former Nestle Oakland Facility

1310 14th Street, Oakland, CA-94607

Figure

1

File Path: Ecmsrver\Nestle\Oak\Reports\Fig1 Topo
Drafter: S. Gandhi
Chkd by:
Date drafted: 10/01/03
Proj. Manager B. Acharya
Project: Nestle-Oakland

Project: Former Nestle Oakland Facility

Proj. Manager: B. Acharya

Date drafted: 7/2/08

Chkd by: T. Loof

Drafter: J. Plummer

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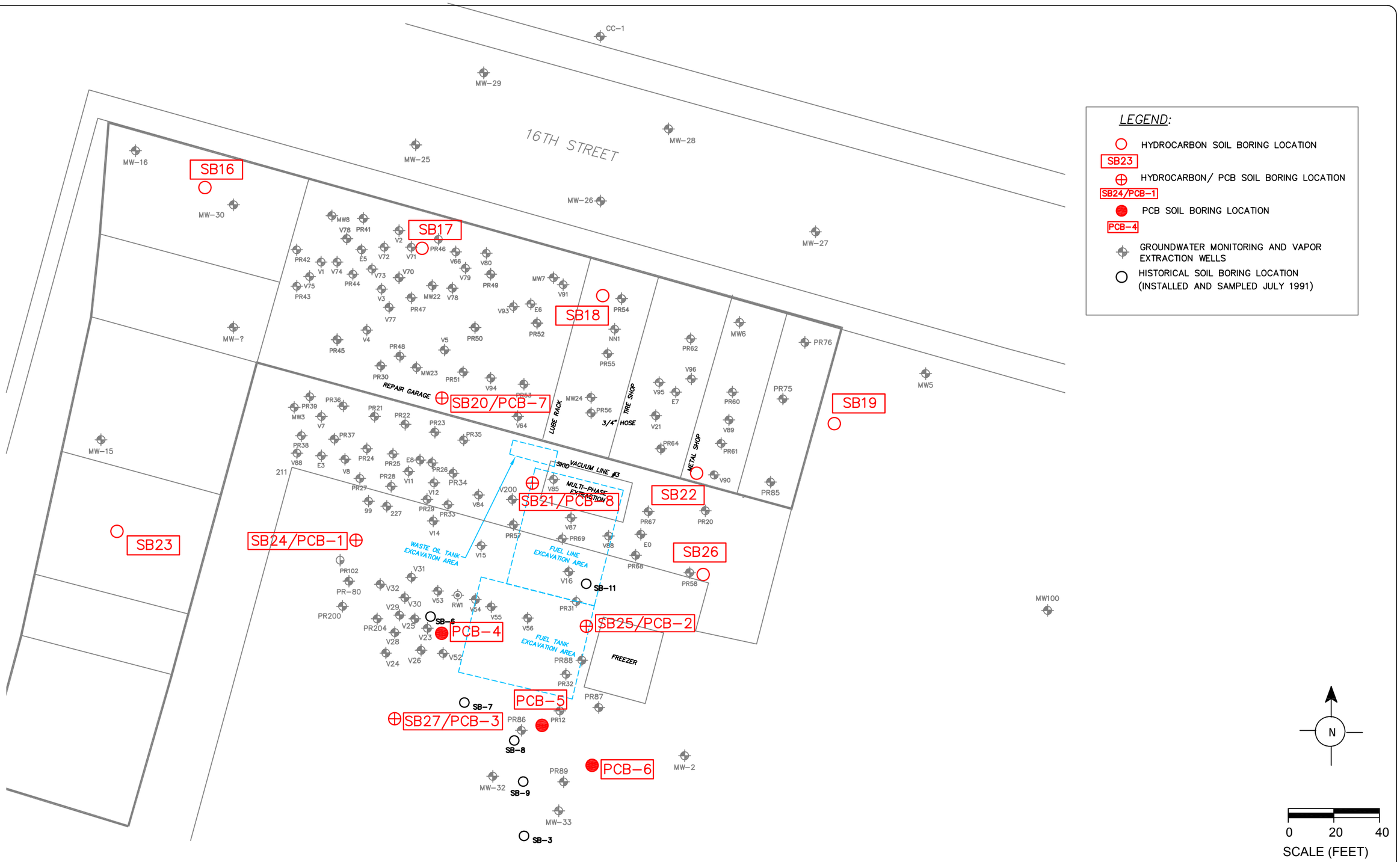


LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)

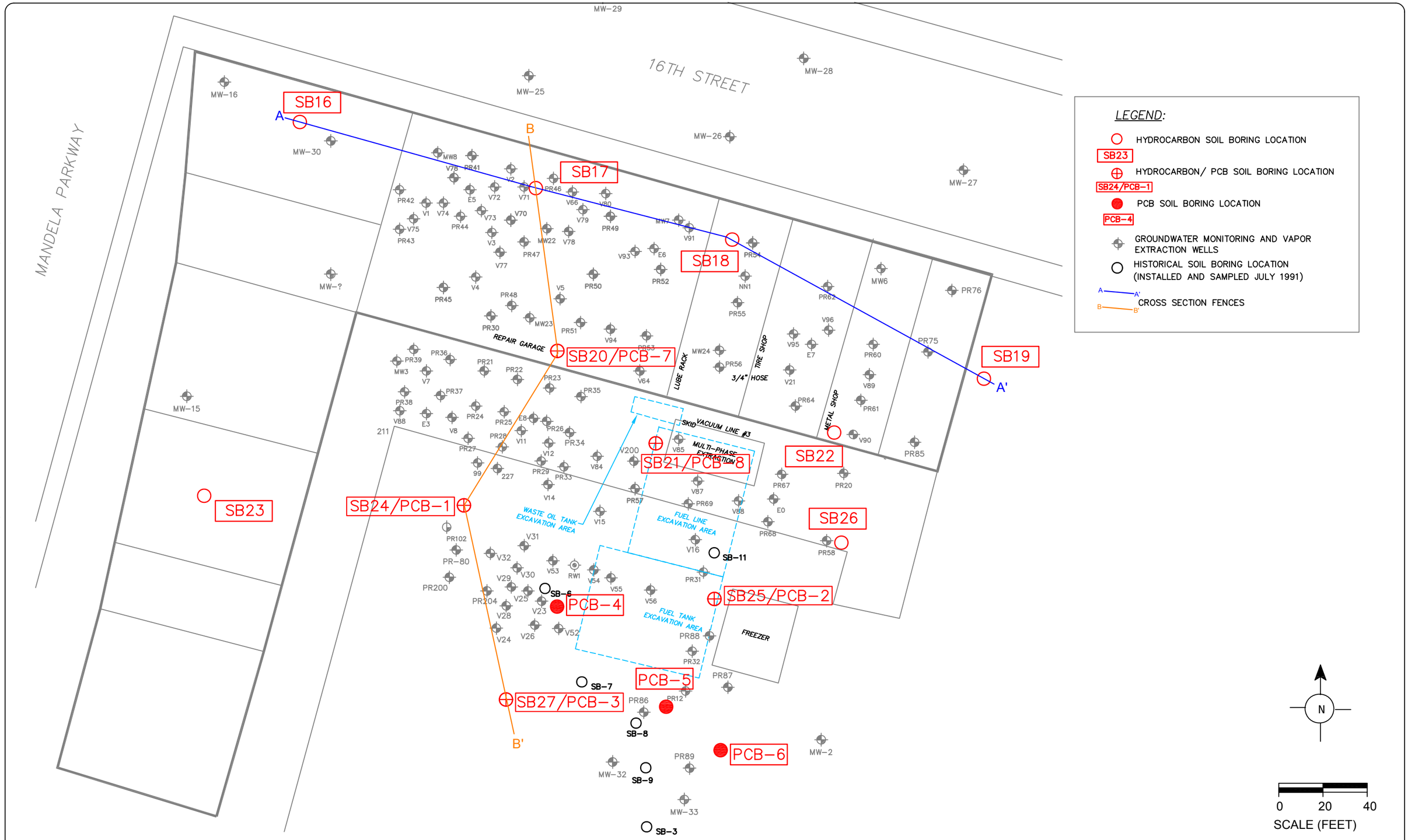
Former Nestle Oakland Facility
1310 14th Street
Oakland, California - 94607

ENVIRONMENTAL COST MANAGEMENT, INC.
Managing Cost and Liability
660 Baker Street, Suite 253 ● Costa Mesa, CA 92626
Tel: (714) 662-2759 ● Fax: (714) 662-2758

SUPPLEMENTAL SOIL, SOIL GAS AND GROUNDWATER INVESTIGATION
Soil Boring Locations
May 2008

Figure 2

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Date drafted: 6/17/08
Drafter: J. Plummer
Chkd by: B. Searcy
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport



LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)
- CROSS SECTION FENCES (A-A', B-B')

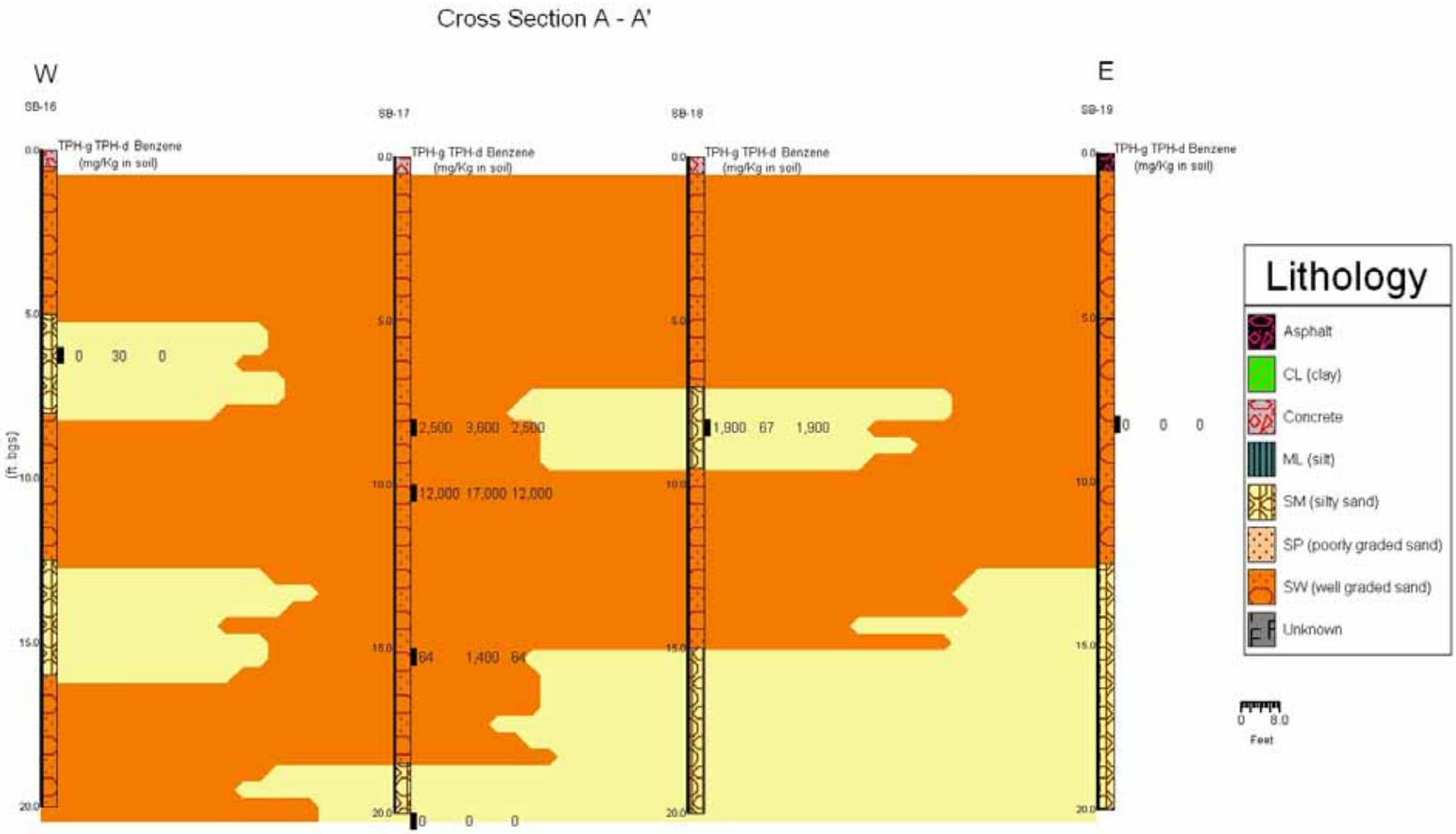
Former Nestle Oakland Facility
1310 14th Street
Oakland, California - 94607

ENVIRONMENTAL COST MANAGEMENT, INC.
Managing Cost and Liability
660 Baker Street, Suite 253 ● Costa Mesa, CA 92626
Tel: (714) 662-2759 ● Fax: (714) 662-2758

SUPPLEMENTAL SOIL, SOIL GAS, AND GROUNDWATER INVESTIGATION
Cross Section Locations
May 2008

Figure 3

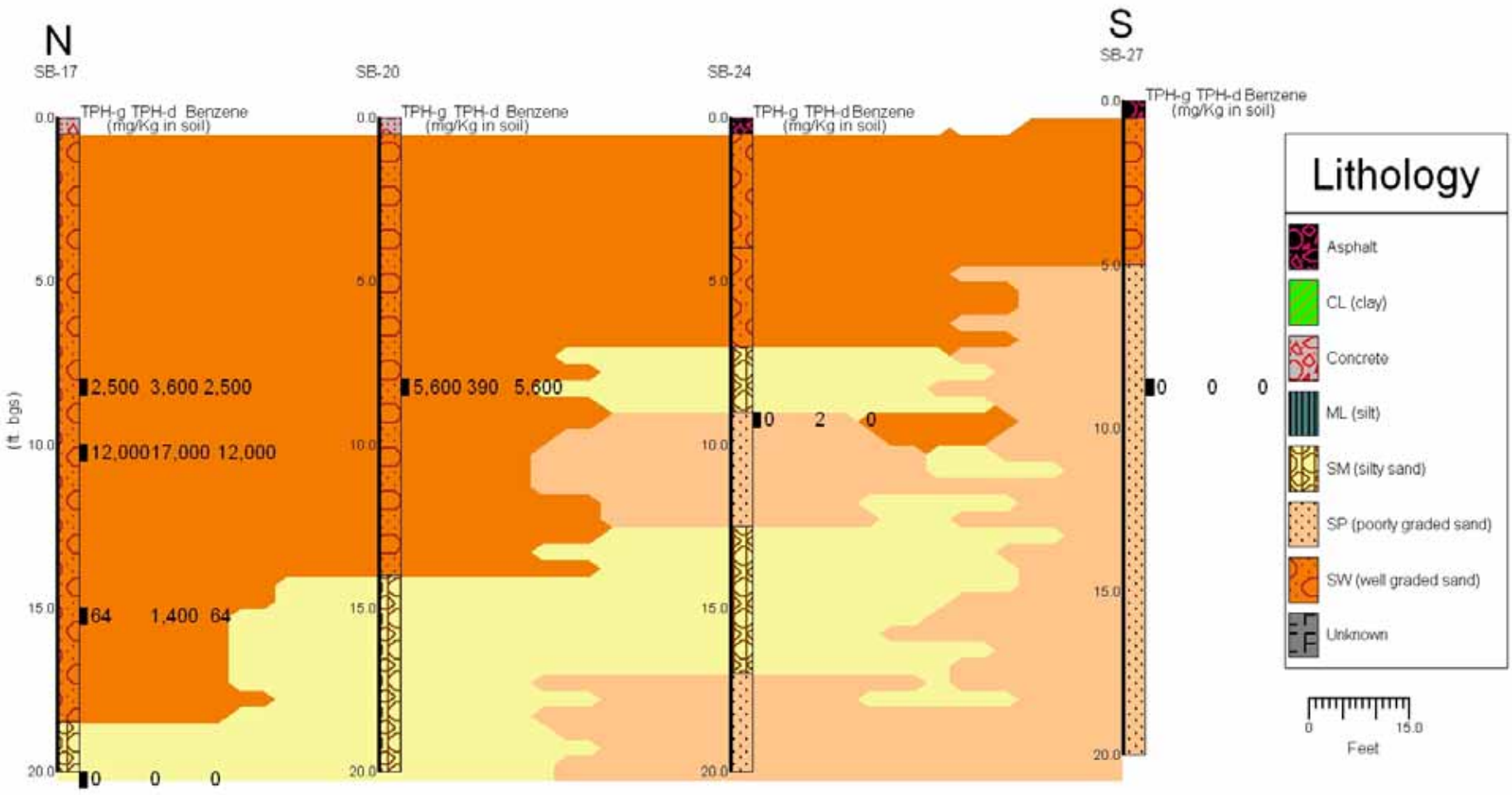
Drafter: J. Plummer Chkd by: B. Searcy Date drafted: 6/30/08 Proj. Manager B. Archaya Project: Nestle Oakland File Path:\



Former Nestlé USA, Inc. Facility 1310 14th Street, Oakland, California	**ENVIRONMENTAL COST MANAGEMENT, INC.** *Managing Cost and Liability* 660 Baker Street, Suite 253 ● Costa Mesa, CA 92626 Tel: (714) 662-2759 ● Fax: (714) 662-2758	SUPPLEMENTAL SOIL, SOIL GAS AND GROUNDWATER INVESTIGATION CROSS SECTION A - A' May 2008	Figure 4

Drafter: J. Plummer Chkd by: B. Searcy Date drafted: 6/30/08 Proj. Manager B. Archaya Project: Nestle Oak File Path:\

Cross Section B - B'



Former Nestlé USA, Inc. Facility 1310 14th Street, Oakland, California	**ENVIRONMENTAL COST MANAGEMENT, INC.** *Managing Cost and Liability* 660 Baker Street, Suite 253 ● Costa Mesa, CA 92626 Tel: (714) 662-2759 ● Fax: (714) 662-2758	SUPPLEMENTAL SOIL, SOIL GAS AND GROUNDWATER INVESTIGATION Cross Section B - B' May 2008	Figure 5

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 6/17/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport

LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB–1)
- PCB SOIL BORING LOCATION (PCB–4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)
- * DUPLICATE SAMPLE COLLECTED

NOTES:

1. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L) FOR SOIL VAPOR.
2. ND: BELOW LABORATORY REPORTING LIMIT, REFER TO TABLE 2 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
3. NA: NOT ANALYZED.
4. bgs: BELOW GROUND SURFACE.

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Oakland. California - 94607

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Managing Cost and Liability
660 Baker Street, Suite 253 ● Costa Mesa, CA 92626
Tel: (714) 662-2759 ● Fax: (714) 662-2758

SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION

Soil Gas Sampling Results (ug/L)
May 2008

Figure 6

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 6/17/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport

LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)

NOTES:

1. CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILLOGRAM (mg/Kg) FOR SOIL.
2. ND: BELOW LABORATORY REPORTING LIMIT, REFER TO TABLE 3 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
3. bgs: BELOW GROUND SURFACE.

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SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION
BTEX in soil (mg/Kg)
May 2008

Figure 7

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 6/17/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport

Depth: 8-8.5' bgs
TPHg: 2,500
TPHd: 3,600
TPHmo: 2,900

Depth: 10-10.5' bgs
TPHg: 12,000
TPHd: 17,000
TPHmo: 13,000

Depth: 15-15.5' bgs
TPHg: 64
TPHd: 1,400
TPHmo: 1,300

Depth: 20-20.5' bgs
TPHg: ND
TPHd: ND
TPHmo: ND

Depth: 6-6.5' bgs
TPHg: ND
TPHd: 30
TPHmo: ND

Depth: 8-8.5' bgs
TPHg: 1,900
TPHd: 67
TPHmo: ND

Depth: 8-8.5' bgs
TPHg: 5,600
TPHd: 610
TPHmo: 51

Depth: 8-8.5' bgs
TPHg: ND
TPHd: ND
TPHmo: ND

Depth: 8-8.5' bgs
TPHg: 3,800
TPHd: 2,500
TPHmo: ND

Depth: 11.5-12' bgs
TPHg: ND
TPHd: 1.2
TPHmo: ND

Depth: 9-9.5' bgs
TPHg: ND
TPHd: 1.6
TPHmo: ND

Depth: 8-8.5' bgs
TPHg: 3,200
TPHd: 1,100
TPHmo: ND

Depth: 8- 8.5' bgs
TPHg: ND
TPHd: 1.1
TPHmo: ND

Depth: 8- 8.5' bgs
TPHg: ND
TPHd: 10
TPHmo: ND

Depth: 8.5 - 9' bgs
TPHg: ND
TPHd: ND
TPHmo: ND

SB16 SB17 SB18 SB19 SB20/PCB-7 SB21/PCB-8 SB22 SB23 SB24/PCB-1 SB25/PCB-2 SB26 SB27/PCB-3 PCB-4 PCB-5 PCB-6

MW-16 MW-30 MW-25 MW-29 MW-28 MW-26 MW-27 MW-? MW-15 MW-32 MW-33 MW-2 MW100 MW3 MW5 MW6 MW22 MW23 MW24 CC-1 SB-6 SB-11 SB-7 SB-8 SB-9 SB-3

16TH STREET
MANDELA PARKWAY
REPAIR GARAGE
LUBE RACK
TIRE SHOP
3/4" HOSE
METAL SHOP
SKID VACUUM LINE #3
MULTI-PHASE EXTRACTION
WASTE OIL TANK EXCAVATION AREA
FUEL LINE EXCAVATION AREA
FUEL TANK EXCAVATION AREA
FREEZER

LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)

NOTES:

1. CONCENTRATIONS REPORTED IN MILIGRAMS PER KILOGRAM (mg/Kg) FOR SOIL.
2. ND:BELOW LABORATORY REPORTING LIMIT, REFER TO TABLE 3 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
3. TPHg = GASOLINE RANGE, TPHj = JET FUEL RANGE, TPHmo = MOTOR OIL RANGE.
4. bgs: BELOW GROUND SURFACE.

N

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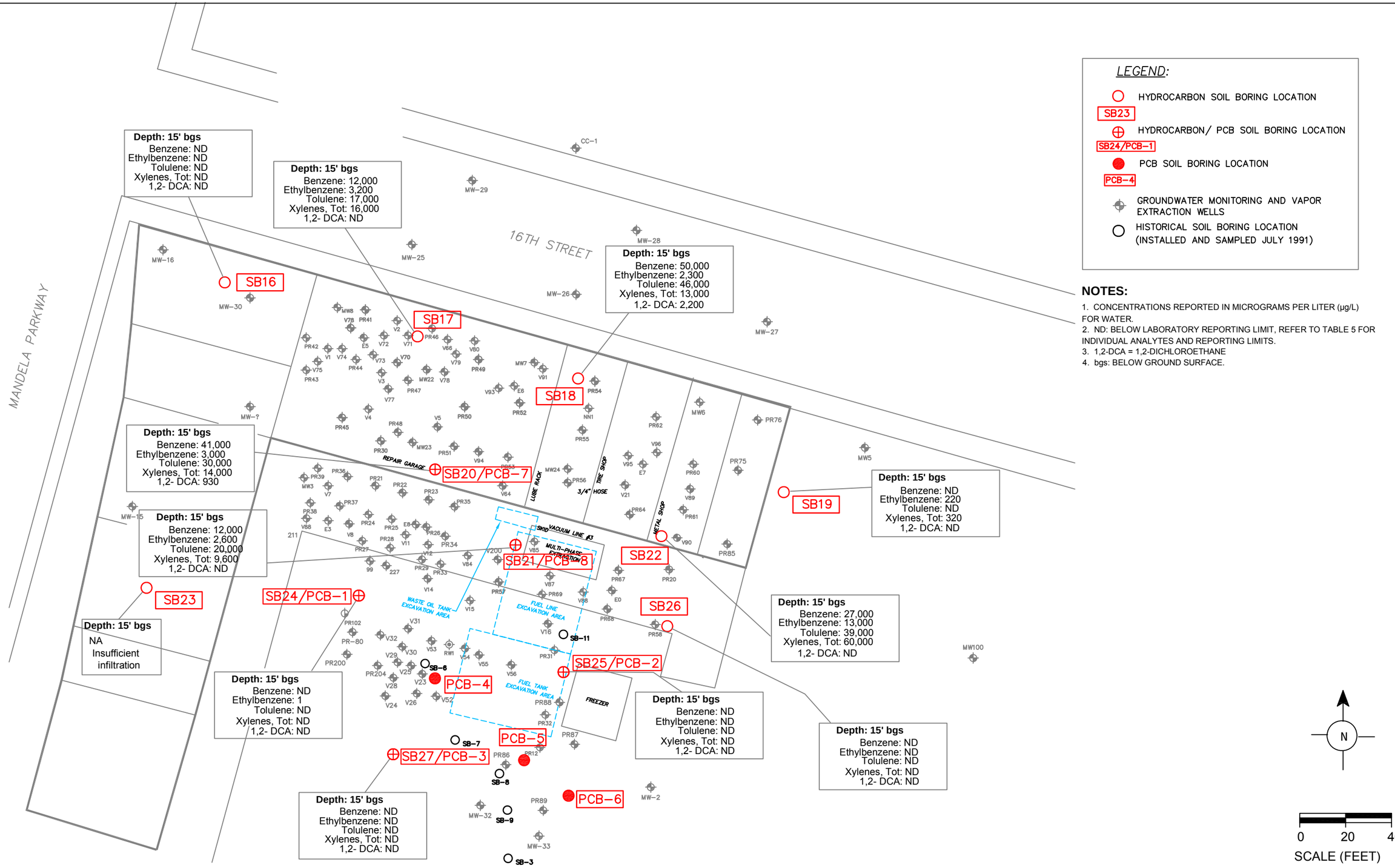
Tel: (714) 662-2759 ● Fax: (714) 662-2758

SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION
TPHg, TPHd, TPHmo in Soil (mg/Kg)
May 2008

Figure 8

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 6/17/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport



LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)

NOTES:

1. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L) FOR WATER.
2. ND: BELOW LABORATORY REPORTING LIMIT, REFER TO TABLE 5 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
3. 1,2-DCA = 1,2-DICHLOROETHANE
4. bgs: BELOW GROUND SURFACE.

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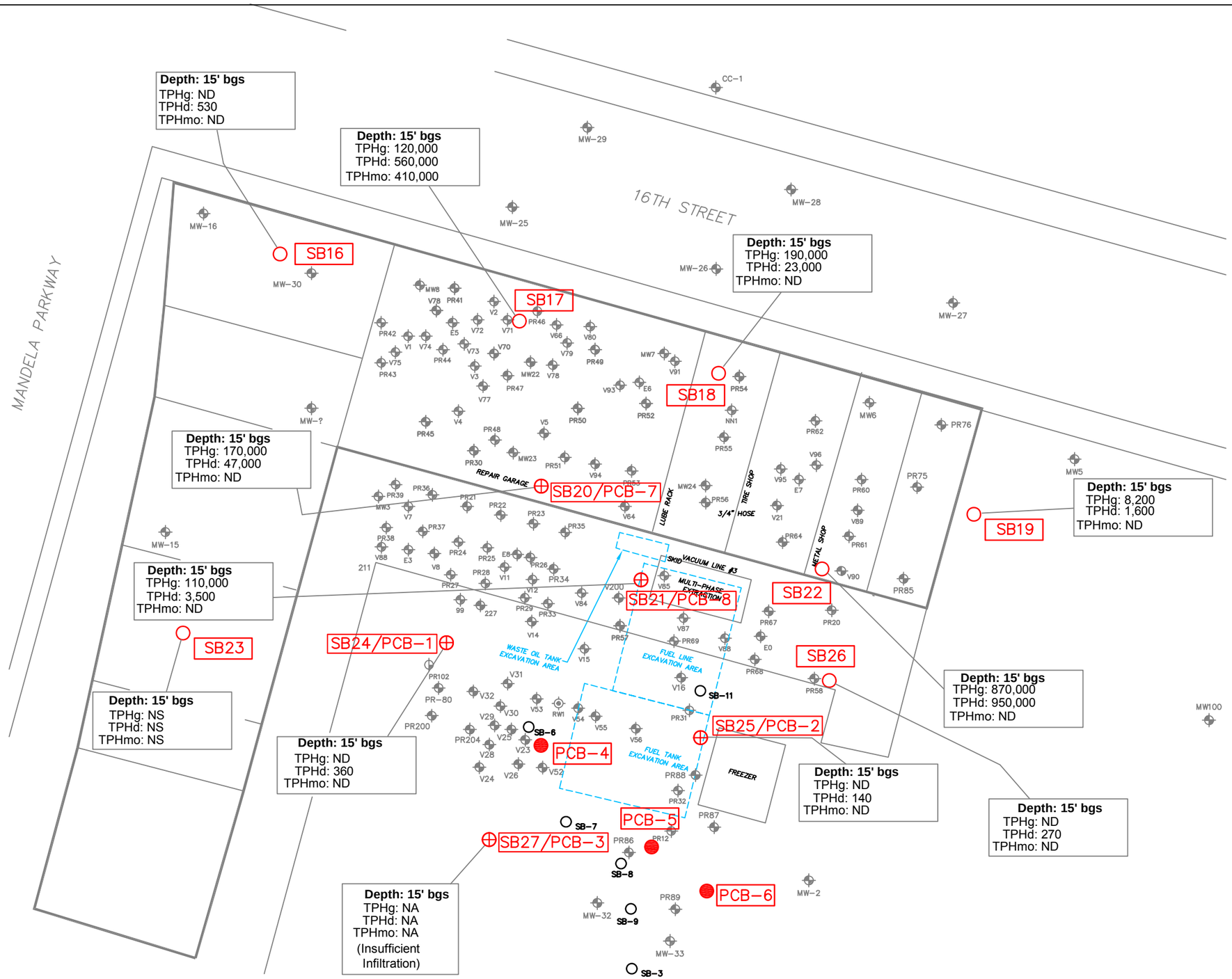
Tel: (714) 662-2759 ● Fax: (714) 662-2758

SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION
BTEX in Groundwater (ug/L)
May 2008

Figure 9



LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)

NOTES:

1. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L) FOR WATER.
2. ND: BELOW LABORATORY REPORTING LIMITS, REFER TO TABLE 5 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
3. NS: NOT SAMPLED
4. NA: NOT ANALYZED
5. bgs: BELOW GROUND SURFACE

N

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660 Baker Street, Suite 253 ● Costa Mesa, CA 92626
Tel: (714) 662-2759 ● Fax: (714) 662-2758

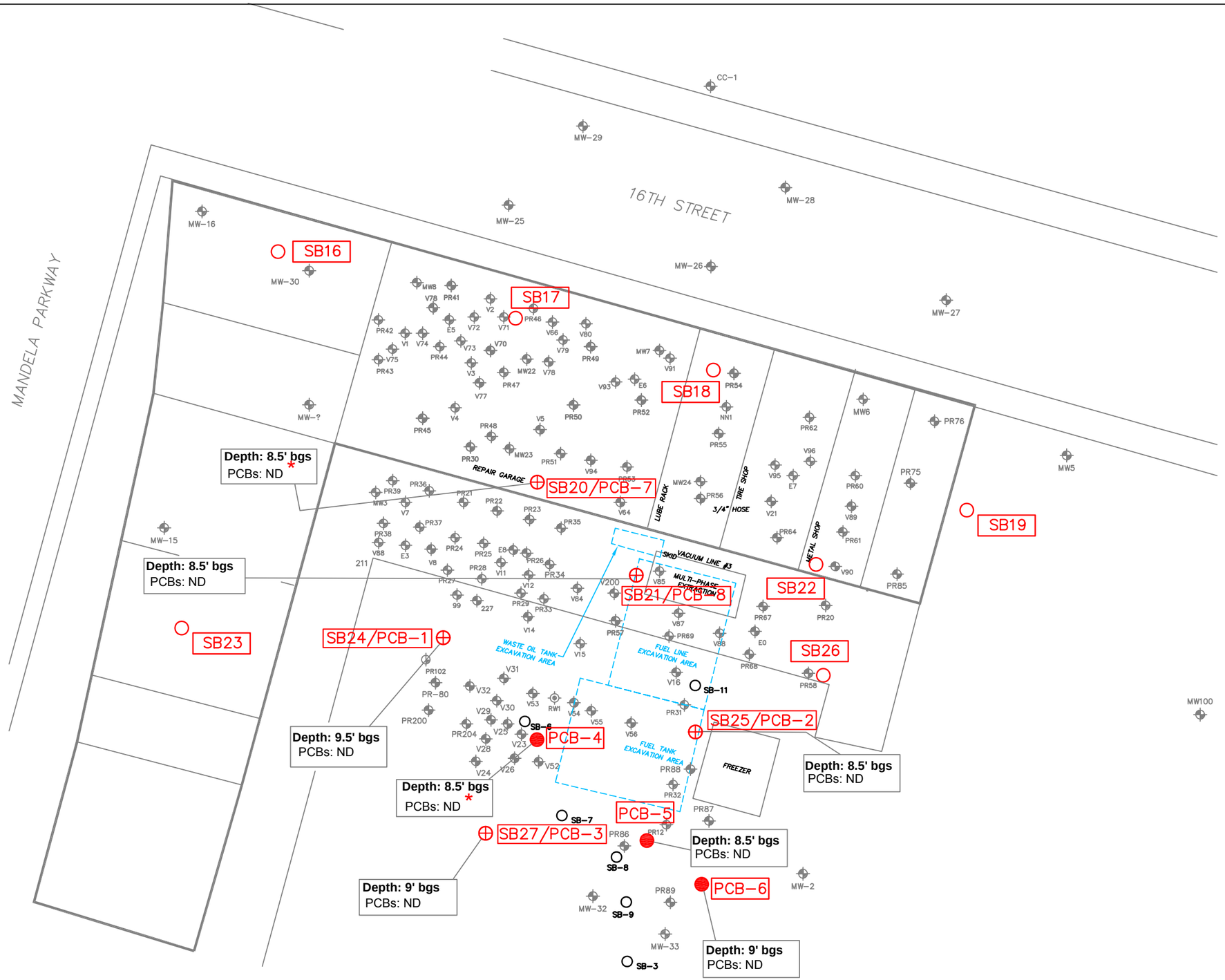
SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION

TPHg, TPHd, TPHmo in Water (µg/L)
May 2008

Figure 10

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 6/17/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 7/1/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport



LEGEND:

- HYDROCARBON SOIL BORING LOCATION (SB23)
- HYDROCARBON/ PCB SOIL BORING LOCATION (SB24/PCB-1)
- PCB SOIL BORING LOCATION (PCB-4)
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)
- * DUPLICATE SAMPLE COLLECTED

NOTES:

1. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (mg/Kg) FOR SOIL.
2. ND: BELOW LABORATORY REPORTING LIMIT, REFER TO TABLE 6 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
3. NA: NOT ANALYZED.
4. bgs: BELOW GROUND SURFACE.

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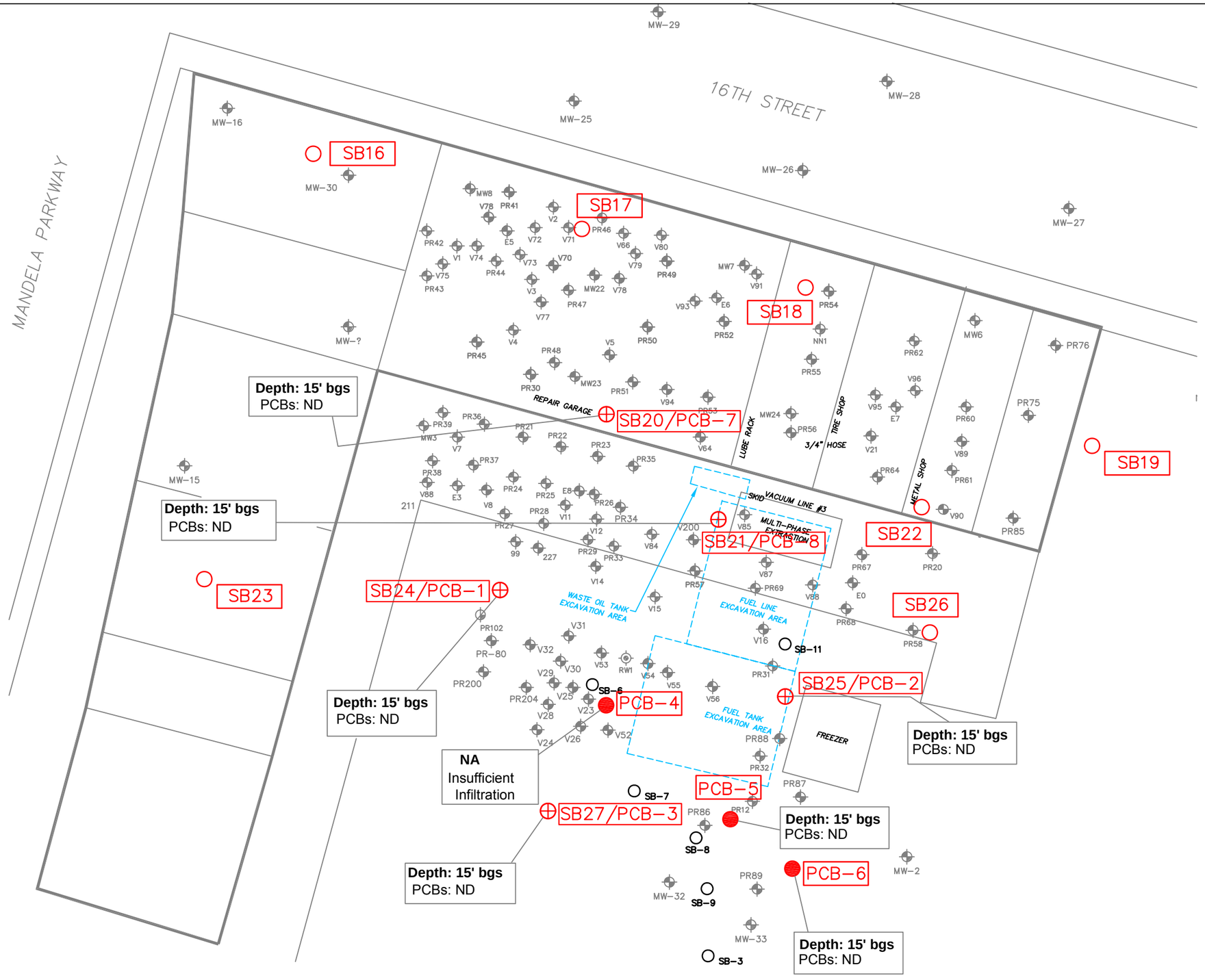
SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION
PCBs in Soil (mg/Kg)
May 2008

Figure 11

Project: Nestle-Oakland
Proj. Manager: B. Acharya
Drafter: J. Plummer
Chkd by: B. Searcy
Date drafted: 7/1/08
File Path: Nestle/Ripon/2006/ 2Q06SiteStatusReport



LEGEND:

- HYDROCARBON SOIL BORING LOCATION
- SB23
- HYDROCARBON/ PCB SOIL BORING LOCATION
- SB24/PCB-1
- PCB SOIL BORING LOCATION
- PCB-4
- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- HISTORICAL SOIL BORING LOCATION (INSTALLED AND SAMPLED JULY 1991)

NOTES:

1. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L) FOR WATER.
2. ND: BELOW LABORATORY REPORTING LIMIT, REFER TO TABLE 6 FOR INDIVIDUAL ANALYTES AND REPORTING LIMITS.
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Tel: (714) 662-2759 ● Fax: (714) 662-2758

SUPPLEMENTAL SOIL, SOIL GAS, & GROUNDWATER INVESTIGATION
PCBs in Water (µg/L)
May 2008

Figure 12

Tables

Supplemental Soil, Soil Gas, and Groundwater Investigation
Former Nestlé USA, Inc. Facility-Oakland, CA
1310 14th Street, Oakland, CA

TABLE 1: Soil Boring Locations and Rationales

Well / Boring Name	Sampling Depth (feet below ground surface)	Primary Purpose(s) of Sampling Point
SB16	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Soil gas and indoor air pathway data for risk assessment • Further definition of residual COPC concentrations in downgradient direction
SB17	5 ft. bgs (soil gas) Above water table (5, 10, 15, 20, ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Soil gas and indoor air pathway data for risk assessment • Further definition of residual COPC concentrations in downgradient direction • Additional delineation of area of highest historical LPH measurements
SB18	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Soil gas and indoor air pathway data for risk assessment • Further definition of residual COPC concentrations in downgradient direction • Additional delineation of area of highest historical LPH measurements
SB19	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Further definition of residual COPC concentrations in downgradient direction • Additional definition of residual soil and groundwater concentrations in support of potential future excavation activities
SB20/PCB-7	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Soil gas and indoor air pathway data for risk assessment • Further definition of residual COPC concentrations in downgradient direction • Additional delineation of area of highest historical LPH measurements • Definition of PCBs in soil and groundwater
SB21/PCB-8	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Further definition of residual COPC concentrations in downgradient direction • Additional delineation of area of highest historical LPH measurements • Definition of PCBs in soil and groundwater
SB22	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Soil gas and indoor air pathway data for risk assessment • Further definition of residual COPC concentrations in downgradient direction • Additional delineation of area of highest historical LPH measurements
SB23	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Soil gas and indoor air pathway data for risk assessment • Further definition of residual COPC concentrations in crossgradient direction
SB24/PCB-1	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Further definition of residual COPC concentrations in crossgradient direction • Additional definition of residual soil and groundwater concentrations in support of potential future excavation activities • Definition of PCBs in soil and groundwater

Supplemental Soil, Soil Gas, and Groundwater Investigation
Former Nestlé USA, Inc. Facility-Oakland, CA
1310 14th Street, Oakland, CA

TABLE 1: Soil Boring Locations and Rationales

Well / Boring Name	Sampling Depth (feet below ground surface)	Primary Purpose(s) of Sampling Point
SB25/PCB-2	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Further definition of residual COPC concentrations near primary source area • Additional definition of residual soil and groundwater concentrations in support of potential future excavation activities • Definition of PCBs in soil and groundwater
SB26	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Further definition of residual COPC concentrations in crossgradient direction • Additional definition of residual soil and groundwater concentrations in support of potential future excavation activities
SB27/PCB-3	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Definition of residual COPC concentrations near historically impacted area of SB-12 • Additional definition of residual soil and groundwater concentrations in support of potential future excavation activities • Definition of PCBs in soil and groundwater
PCB-4	Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Definition of PCBs in soil and groundwater
PCB-5	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Definition of PCBs in soil and groundwater
PCB-6	5 ft. bgs (soil gas) Above water table (est. 6 - 8 ft. bgs) (soil) Below water table (est. 8 - 10 ft. bgs) (groundwater)	• Definition of PCBs in soil and groundwater

Notes:

COPC: constituents of potential concern

Supplemental Soil, Soil Gas, and Groundwater Investigation
Former Nestlé USA, Inc. Facility-Oakland, CA
1310 14th Street, Oakland, CA

Table 2: Soil Gas Sampling Results
Vapors in Soil

Boring Location	Sample Depth (feet bgs)	Date of Sample Collection	Analytical results (ug/L) of Vapor							
			TPH g	TPH d	Benzene	Ethylbenzene	Toluene	Xylenes, Tot	1,2-DCA	Others
SB-16	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-17	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-18	5	19-May-08	630	<50	2.2	<0.10	0.44	<0.30	<0.10	
SB-19	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-20/ PCB-7	5	19-May-08	19	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-21/ PCB-8	5	19-May-08	25	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-22	5	19-May-08	2,600	<50	40	7.7	32	19.1	<0.10	Dichlorodifluoromethane: 0.39
SB-23	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-24/ PCB-1	5	19-May-08	<10	<50	<0.10	<0.10	0.22	<0.30	<0.10	
SB-25/ PCB-2	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-26	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	Dichlorodifluoromethane: 10
SB-27/ PCB-3	5	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	
SB-22 dup	5	19-May-08	2,600	<50	40	7.5	32	18.0	<0.10	Dichlorodifluoromethane: 0.38
Probe Blank	NA	19-May-08	<10	<50	<0.10	<0.10	<0.20	<0.30	<0.10	

Notes:

EPA Method 8260B for VOC Analyses of soil vapor
EPA Mentod 8015m for TPH-g and TPH-d analyses of soil vapor

Supplemental Soil, Soil Gas, and Groundwater Investigation
Former Nestlé USA, Inc. Facility-Oakland, CA
1310 14th Street, Oakland, CA

Table 3: Soil Sample Results
Hydrocarbons in Soil

Boring Location	Sample Depth (feet bgs)	Date of Sample Collection	Analytical results (mg/Kg)								
			TPH g	TPH d	TPH mo	Benzene	Ethylbenzene	Toluene	Xylenes, Tot	1,2-DCA	Others
SB-16	6-6.5	19-May-08	<0.22	30	<50	<0.0043	<0.0043	<0.0043	<0.0087	<0.0043	
SB-17	8-8.5	22-May-08	2,500	3,600	2,900	30	27	130	120	ND	
SB-17	10-10.5	22-May-08	12,000	17,000	13,000	140	120	580	620	<8.3	
SB-17	15-15.5	22-May-08	64	1,400	1,300	<0.89	<0.89	<0.89	<1.8	<0.89	
SB-17	20-20.5	22-May-08	<0.21	<0.99	<49	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	
SB-18	8-8.5	21-May-08	1,900	67	<49	41	28	110	130	<19	
SB-19	8-8.5	21-May-08	<0.25	<0.99	<49	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	
SB-20/ PCB-7	8-8.5	22-May-08	5,600	390	51	86	54	280	280	<8.3	
SB-21/ PCB-8	8-8.5	21-May-08	3,800	2,500	<49	40	69	210	360	<19	
SB-22	8-8.5	21-May-08	3,200	1,100	<500	<47	<47	140	190	<47	
SB-23	11.5-12	22-May-08	<0.21	1.2	<49	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	
SB-24/ PCB-1	9-9.5	20-May-08	<0.19	1.6	<50	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	
SB-25/ PCB-2	8-8.5	20-May-08	<0.19	1.1	<50	<0.0037	<0.0037	<0.0037	<0.0075	<0.0037	
SB-26	8.5-9	21-May-08	<0.23	10	<50	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	
SB-27/ PCB-3	8.5-9	20-May-08	<0.27	<0.99	<49	<0.0054	<0.0054	<0.0054	<0.011	<0.0054	
SB-20/ PCB-7 Dup	8-8.5	22-May-08	4,900	610	<250	99	64	300	340	<21	
SB-25/ PCB-2 Dup	8-8.5	20-May-08	NA	<1.0	<50	NA	NA	NA	NA	NA	

Notes:

NA = Not Analyzed
EPA Method 8260 for BTEX and 1,2-DCA analyses of soil
EPA Mentod 8015m for TPH-g, TPH-d, and TPM-mo analyses of soil

Table 4: Soil Sample Results
PCBs in Soil

Boring Location	Sample Depth (feet bgs)	Date of Sample Collection	Analytical results (mg/kg)						
			PCB- 1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
PCB-4	8-8.5	21-May-08	<49	<49	<49	<49	<49	<49	<49
PCB-5	8-8.5	21-May-08	<50	<50	<50	<50	<50	<50	<50
PCB-6	8.5-9	21-May-08	<50	<50	<50	<50	<50	<50	<50
SB-20/ PCB-7	8-8.5	22-May-08	<50	<50	<50	<50	<50	<50	<50
SB-21/ PCB-8	8-8.5	21-May-08	<50	<50	<50	<50	<50	<50	<50
SB-24/ PCB-1	9-9.5	20-May-08	<50	<50	<50	<50	<50	<50	<50
SB-25/ PCB-2	8-8.5	20-May-08	<50	<50	<50	<50	<50	<50	<50
SB-27/ PCB-3	8.5-9	20-May-08	<49	<49	<49	<49	<49	<49	<49
PCB-4 Dup	8-8.5	21-May-08	<50	<50	<50	<50	<50	<50	<50
SB-20/ PCB-7 Dup	8-8.5	22-May-08	<50	<50	<50	<50	<50	<50	<50

Notes:

NA = Not Analyzed
EPA method 8082 for PCB analyses of soil

Table 5: Groundwater Sample Results
Hydrocarbons in Groundwater

Boring Location	Sample Depth (feet bgs)	Date of Sample Collection	Analytical results (µg/l)							
			TPH g	TPH d	TPH mo	Benzene	Ethylbenzene	Toluene	Xylenes, Tot	1,2-DCA
SB-16	15	20-May-08	<50	530	<500	<0.50	<0.50	<0.50	<1.0	<0.50
SB-17	15	22-May-08	120,000	560,000	410,000	12,000	3,200	17,000	16,000	<0.50
SB-18	15	22-May-08	190,000	23,000	<2,500	50,000	2,300	46,000	13,000	2,200
SB-19	15	22-May-08	8,200	1,600	<500	<12	220	<12	320	<12
SB-20/ PCB-7	15	22-May-08	170,000	47,000	<5,000	41,000	3,000	30,000	14,000	930
SB-21/ PCB-8	15	23-May-08	110,000	3,500	<500	12,000	2,600	20,000	9,600	<250
SB-22	15	22-May-08	870,000	73,000	<10,000	27,000	13,000	39,000	60,000	<2,500
SB-24/ PCB-1	15	21-May-08	<50	360	<500	1.1	<0.50	<0.50	<1.0	<0.50
SB-25/ PCB-2	15	21-May-08	<50	140	<500	<0.50	<0.50	<0.50	<1.0	<0.50
SB-26	15	22-May-08	<50	270	<500	<0.50	<0.50	<0.50	<1.0	<0.50
SB-27/ PCB-3	15	20-May-08	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<0.50
SB-22 Dup	15	22-May-08	NA	950,000	<200,000	NA	NA	NA	NA	NA
SB-26 Dup	15	22-May-08	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	<0.50
EQ-Blank	NA	21-May-08	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	<0.50
EQ-Blank	NA	22-May-08	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	<0.50
TB:050808	NA	23-May-08	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	<0.50

Notes:

NA = Not Analyzed
EPA Method 8260 for BTEX and 1,2-DCA analyses of groundwater
EPA Mentod 8015B for TPH-g, TPH-d, and TPM-mo analyses of groundwater

Supplemental Soil, Soil Gas, and Groundwater Investigation
Former Nestlé USA, Inc. Facility-Oakland, CA
1310 14th Street, Oakland, CA

Table 6: Groundwater Sample Results
PCB's in Groundwater

Boring Location	Sample Depth (feet bgs)	Date of Sample Collection	Analytical results (µg/l)						
			PCB- 1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
PCB-5	15	21-May-08	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
PCB-6	15	21-May-08	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77
SB-20/ PCB-7	15	22-May-08	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
SB-21/ PCB-8	15	23-May-08	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
SB-24/ PCB-1	15	21-May-08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
SB-25/ PCB-2	15	21-May-08	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
SB-27/ PCB-3	15	21-May-08	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
EQ Blank	NA	21-May-08	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72

Notes:

NA = Not Analyzed
EPA method 8082 for PCB analyses of groundwater

Appendices

Appendix A: Boring Logs
Appendix B: Laboratory Reports, Soil Gas Sampling
Appendix C: Laboratory Reports, Soil and Groundwater Sampling
Appendix D: Alameda County Public Works Agency Drilling Permit

Appendix A: Boring Logs

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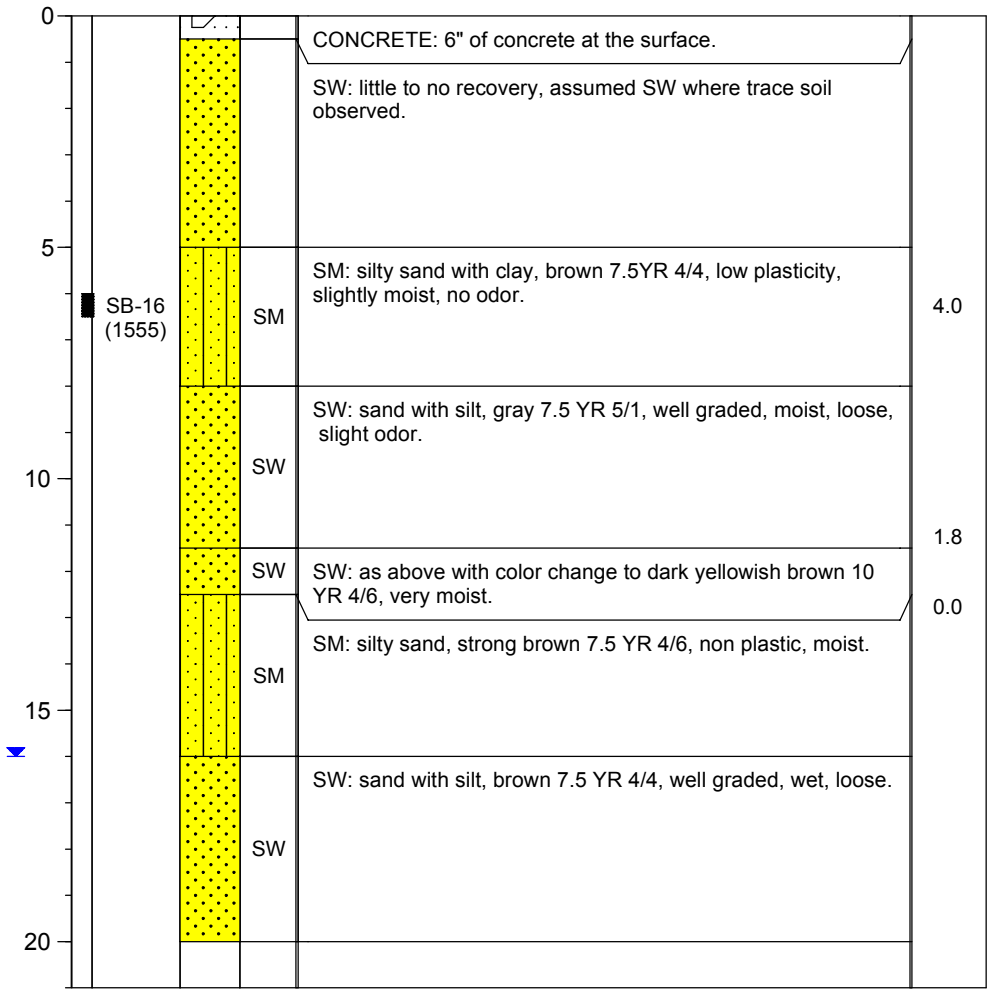
Managing Cost and Liability
660 Baker Street, Suite 253 ● Costa Mesa, CA 92626
Tel: (714) 662-2759 ● Fax: (714) 662-2758

FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-16**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/19/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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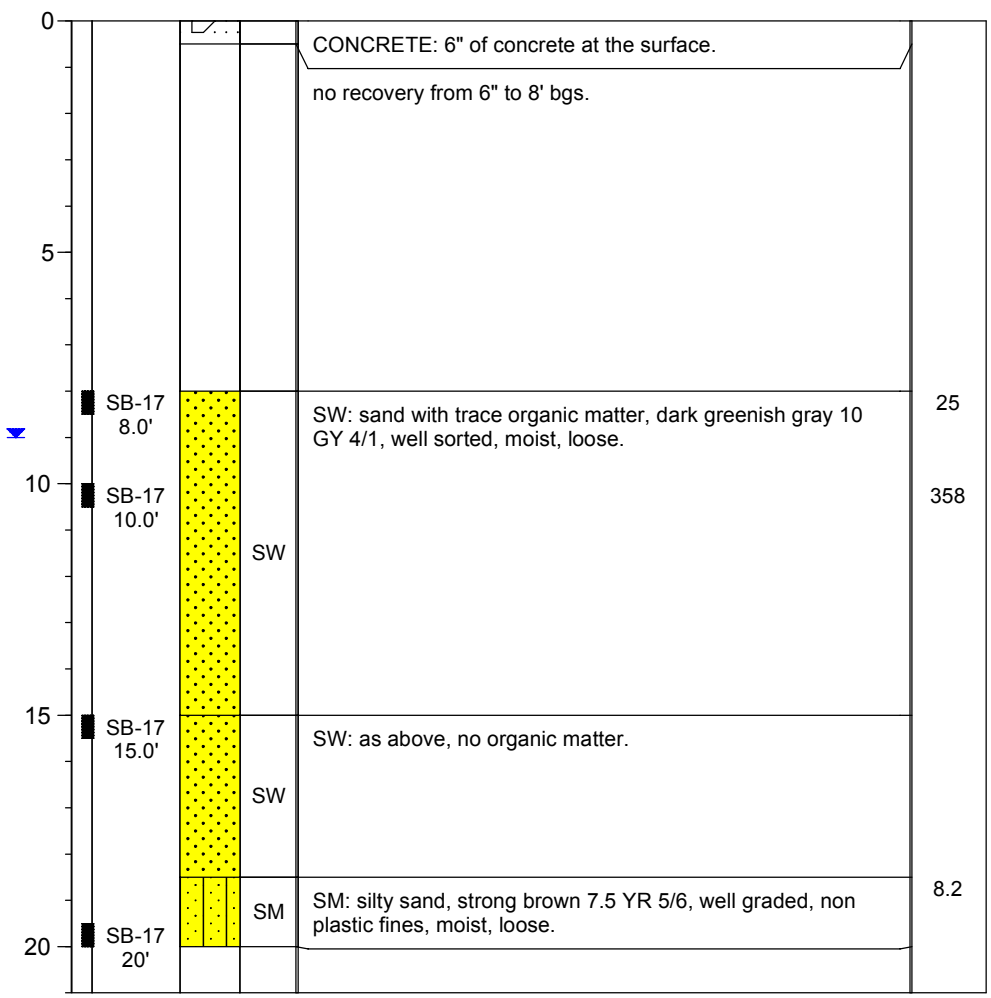
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-17**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/22/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-18**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level

DEPTH bgs	SAMPLES / LITHOLOGY	USCS	SOIL DESCRIPTION	PID (ppm)	Comments
0			CONCRETE: 6" of concrete at the surface.		
			SW: little to no recovery, assumed SW where trace soil observed.		
5 ▽		SW	SW: sand, dark yellowish brown 10 YR 4/4, well graded, moist, loose.	0.2 25	wet at 5.5' bgs.
	SB-18 (1340)	SM	SM: silty sand, dark yellowish brown 10 YR 4/6, non-plastic, moist, loose, strong odor.	435	moist at 6', wet zone: 0.5 '
10 ▼		SW	SW: sand, grayish brown 10 YR 5/2, well graded, wet, loose, strong odor.	214.6	wet at 9.5', strong odor.
		SW	SW: sand, brown 7.5 YR 5/3, well graded, wet, loose, strong odor.	401	
15		SM	SM: silty sand with trace clay, brown 7.5 YR 5/4, low plasticity fines, moist.	187	
20					bottom of boring at 20' bgs.

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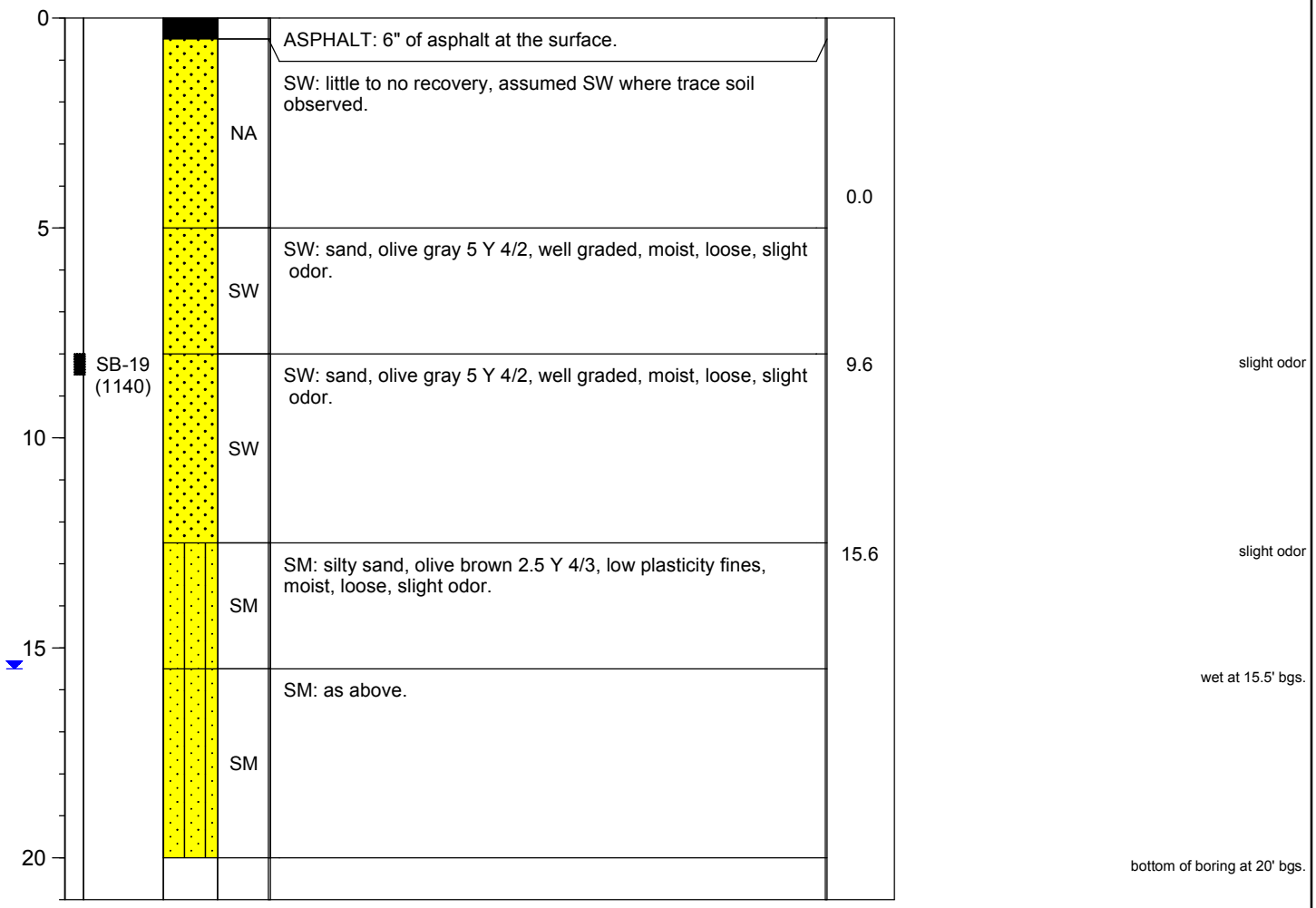
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-19**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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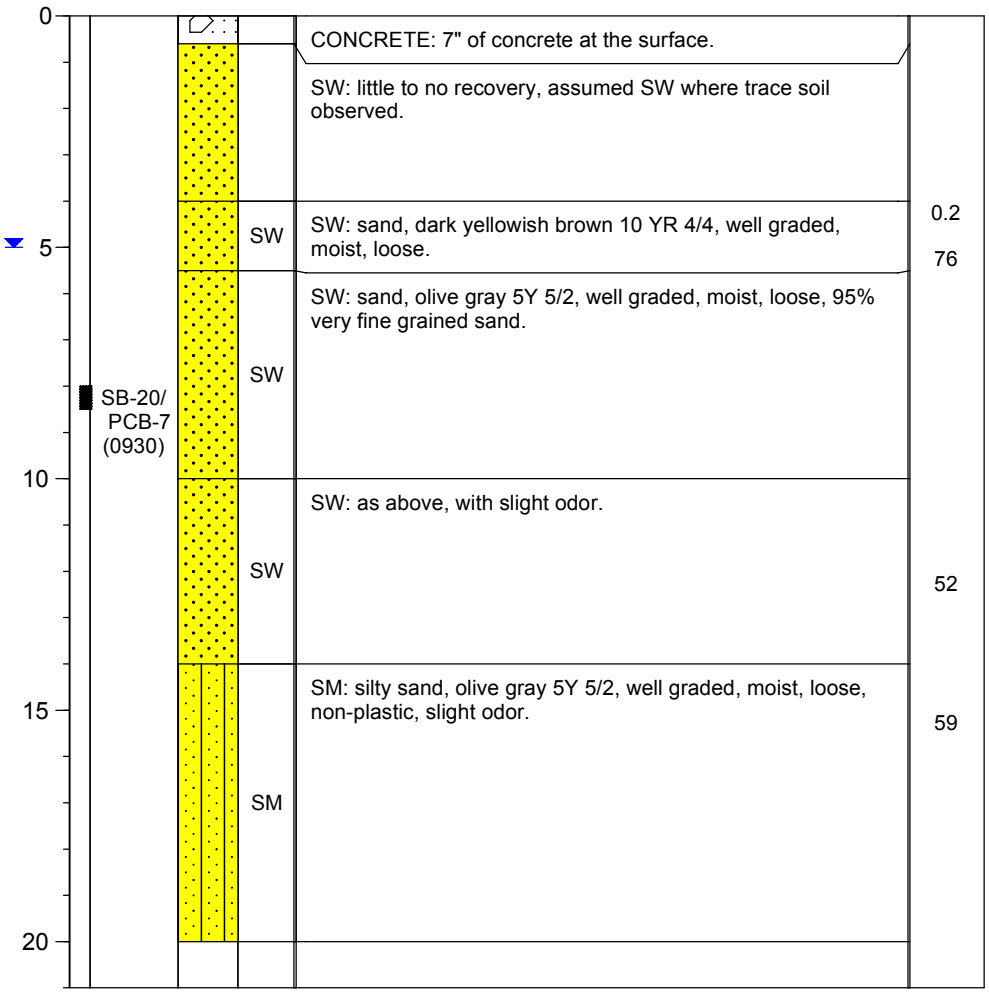
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-20/ PCB-7**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/22/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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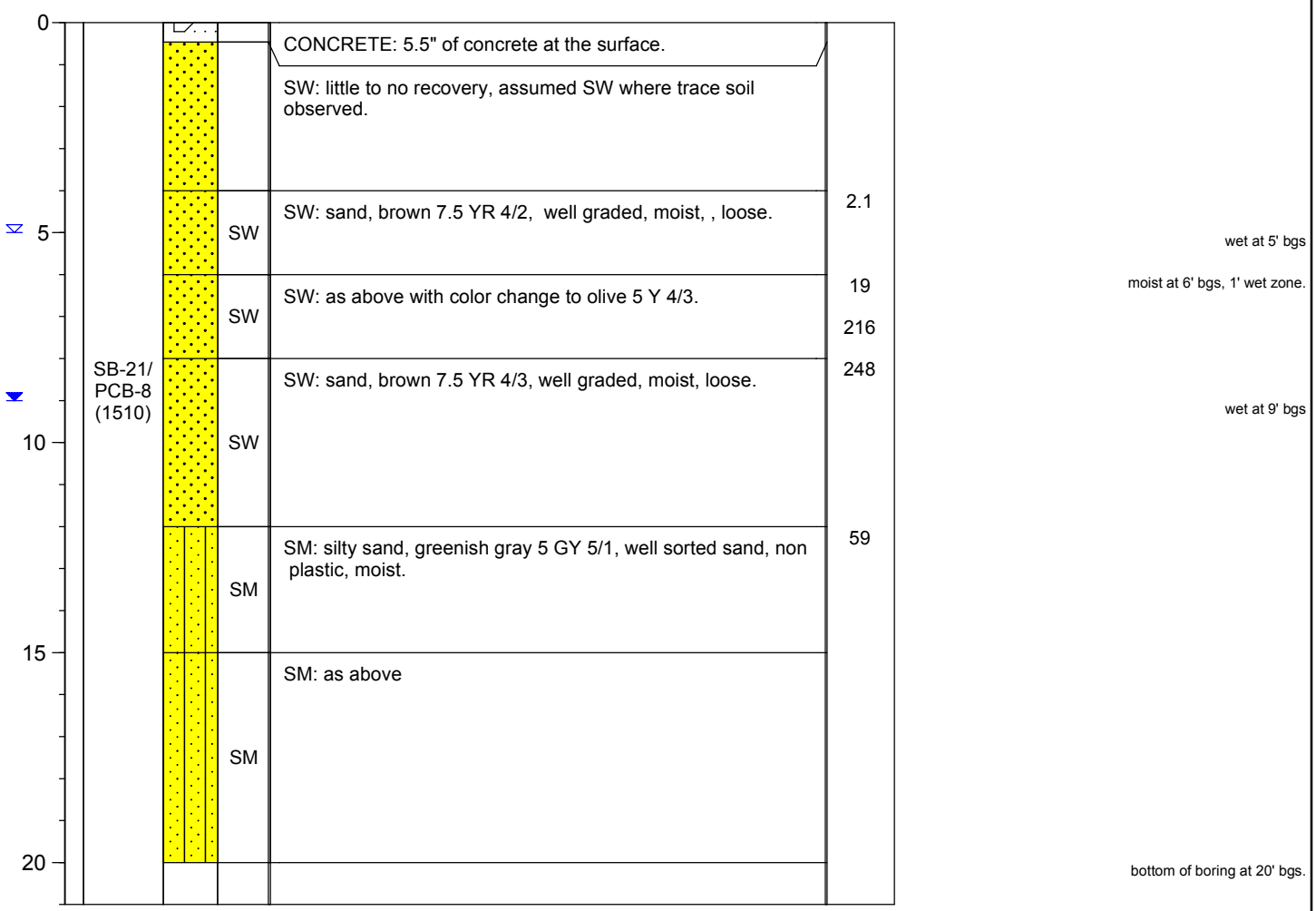
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-21/ PCB-8**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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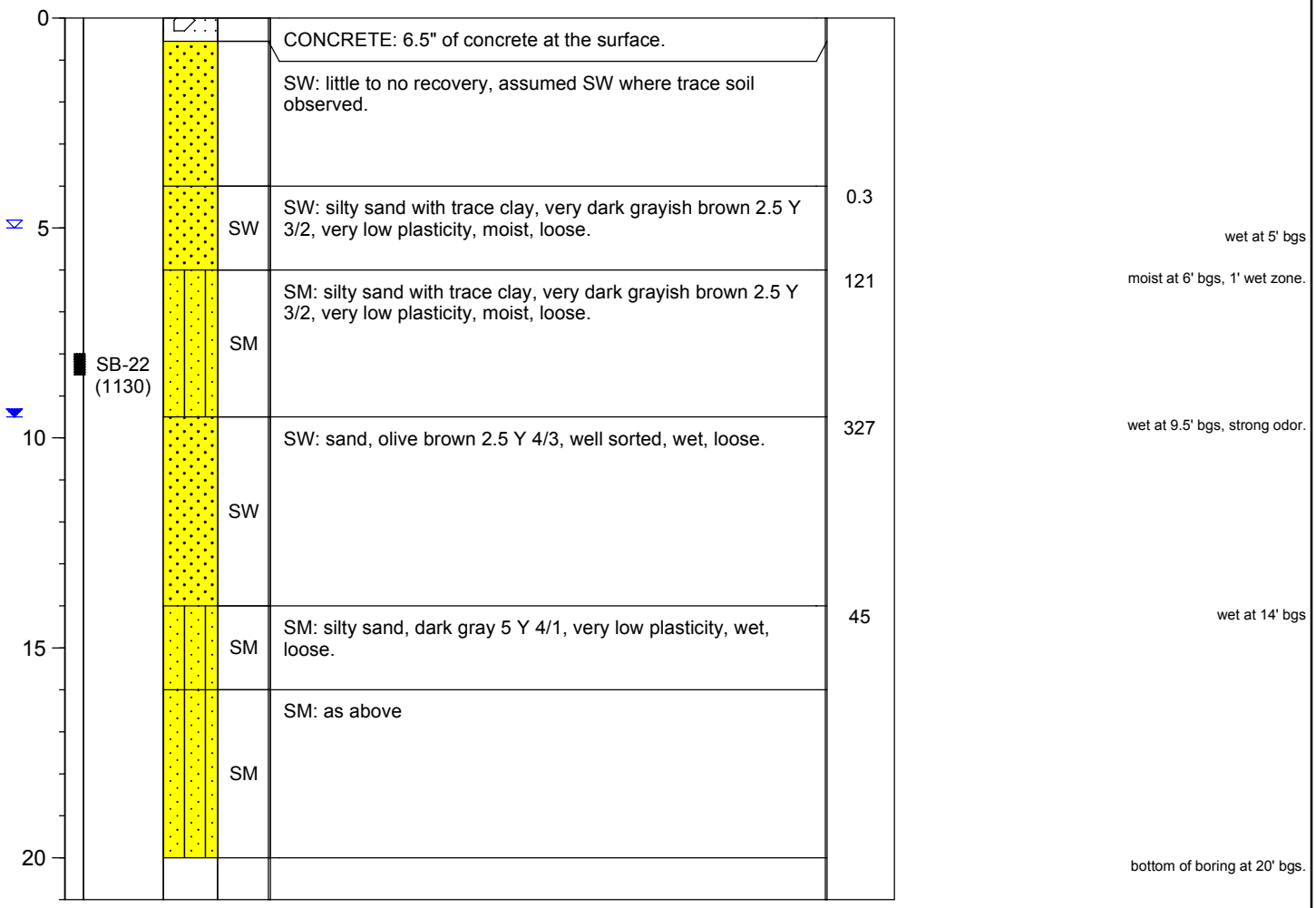
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-22**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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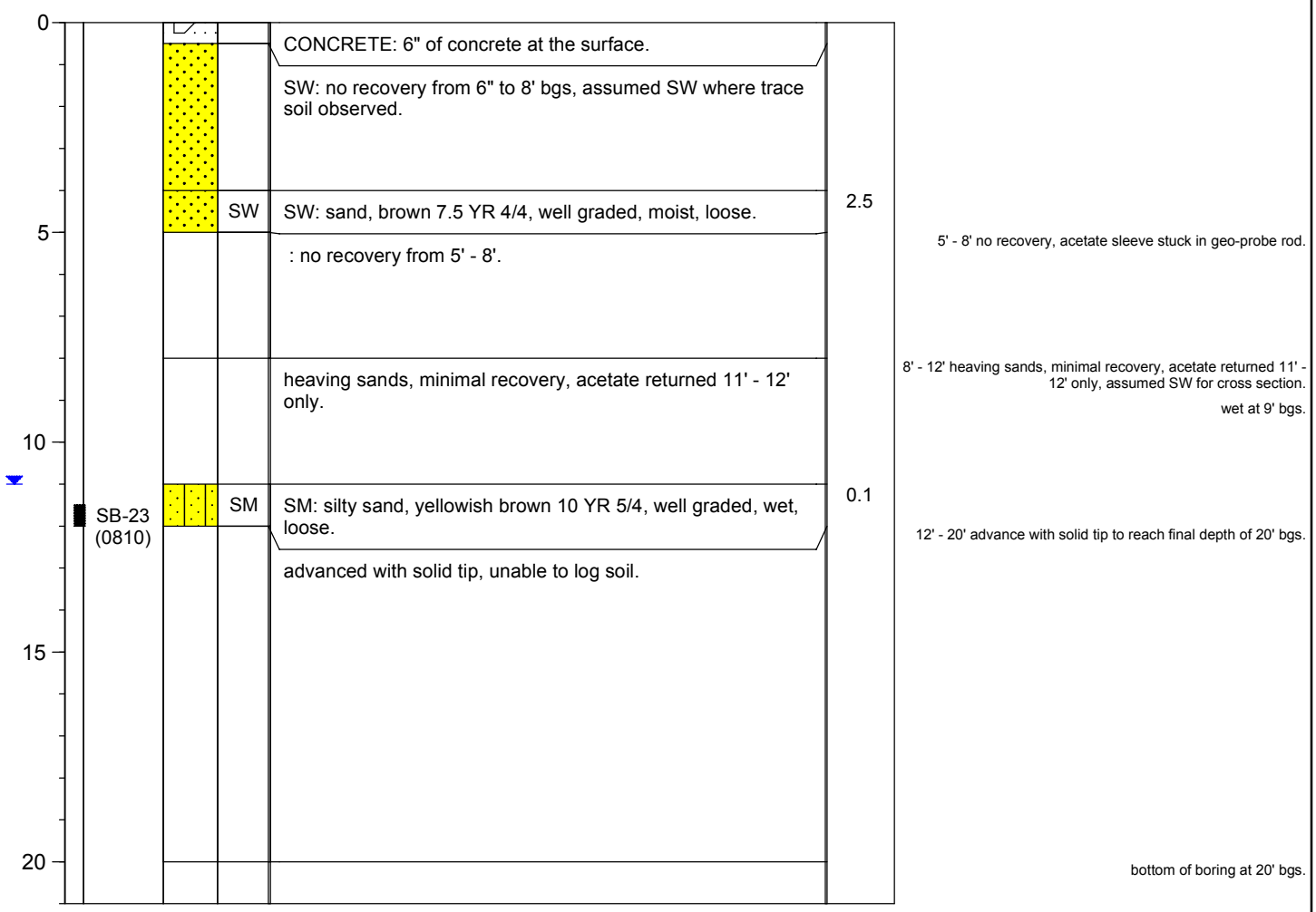
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-23**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/22/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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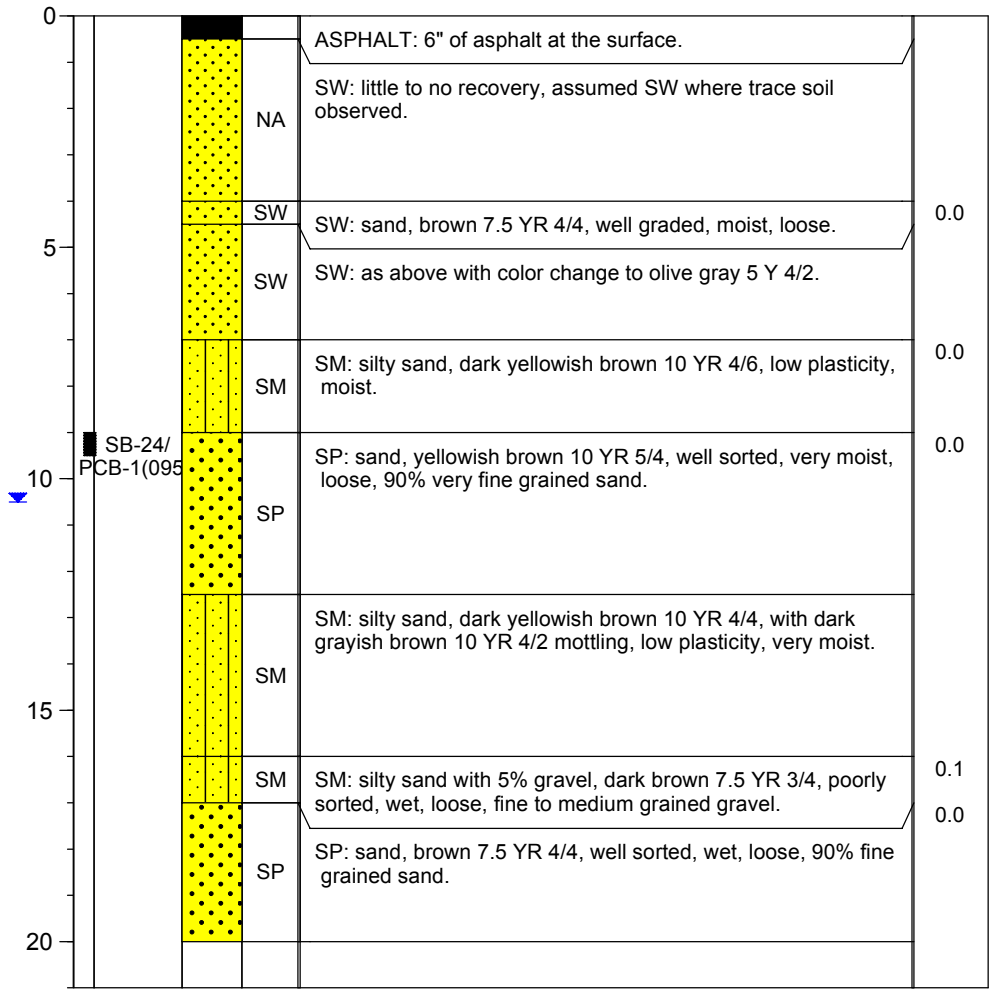
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-24/ PCB-1**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/20/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



DEPTH bgs	SAMPLES / LITHOLOGY	USCS	SOIL DESCRIPTION	PID (ppm)	Comments
0		NA	ASPHALT: 6" of asphalt at the surface. SW: little to no recovery, assumed SW where trace soil observed.		
5		SW	SW: sand, brown 7.5 YR 4/4, well graded, moist, loose.	0.0	
		SW	SW: as above with color change to olive gray 5 Y 4/2.		
		SM	SM: silty sand, dark yellowish brown 10 YR 4/6, low plasticity, moist.	0.0	
10 ▼	SB-24/ PCB-1(095	SP	SP: sand, yellowish brown 10 YR 5/4, well sorted, very moist, loose, 90% very fine grained sand.	0.0	wet at 10.5' bgs.
15		SM	SM: silty sand, dark yellowish brown 10 YR 4/4, with dark grayish brown 10 YR 4/2 mottling, low plasticity, very moist.		
		SM	SM: silty sand with 5% gravel, dark brown 7.5 YR 3/4, poorly sorted, wet, loose, fine to medium grained gravel.	0.1	
		SP	SP: sand, brown 7.5 YR 4/4, well sorted, wet, loose, 90% fine grained sand.	0.0	
20					bottom of boring at 20' bgs.

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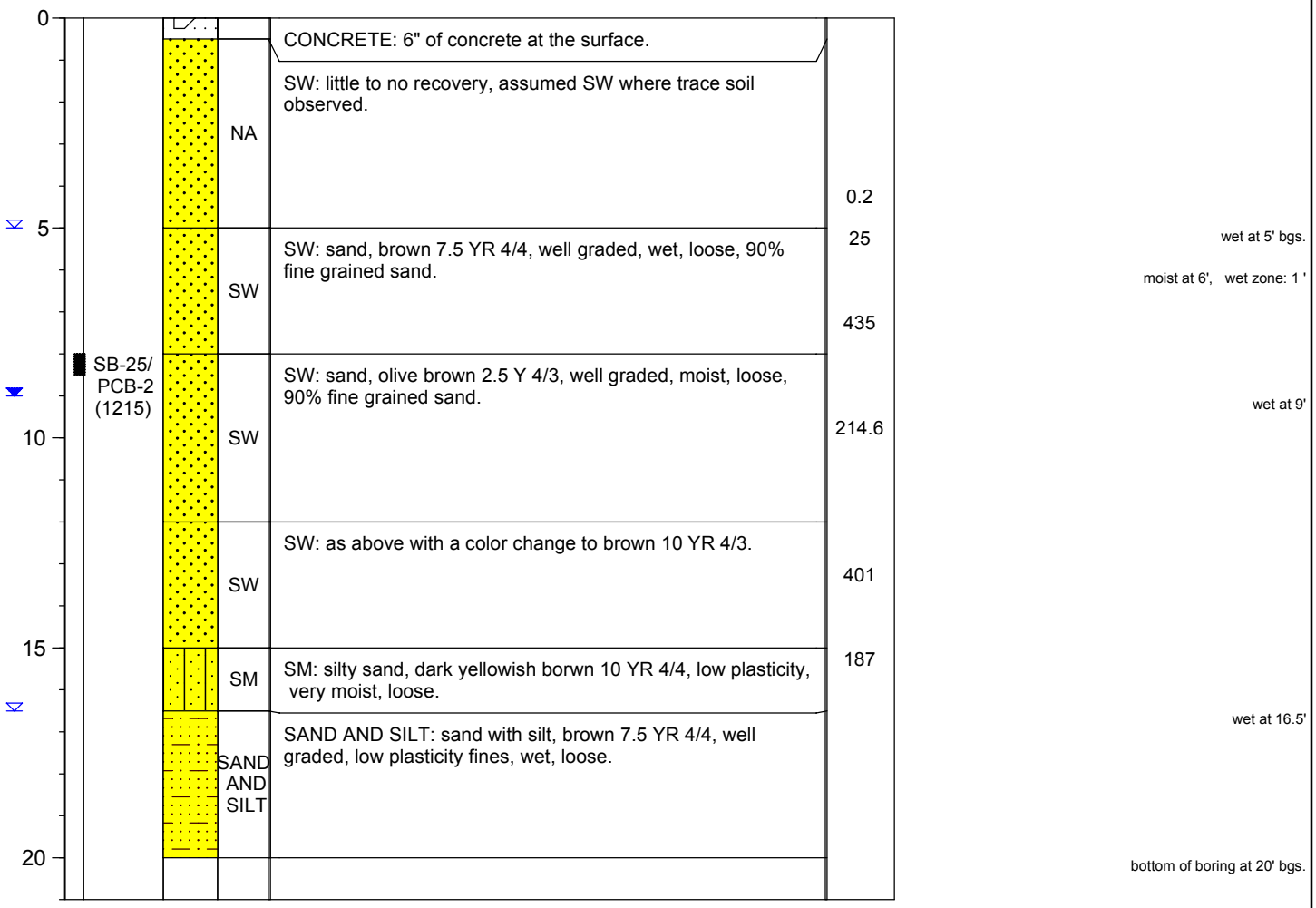
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-25/ PCB-2**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/20/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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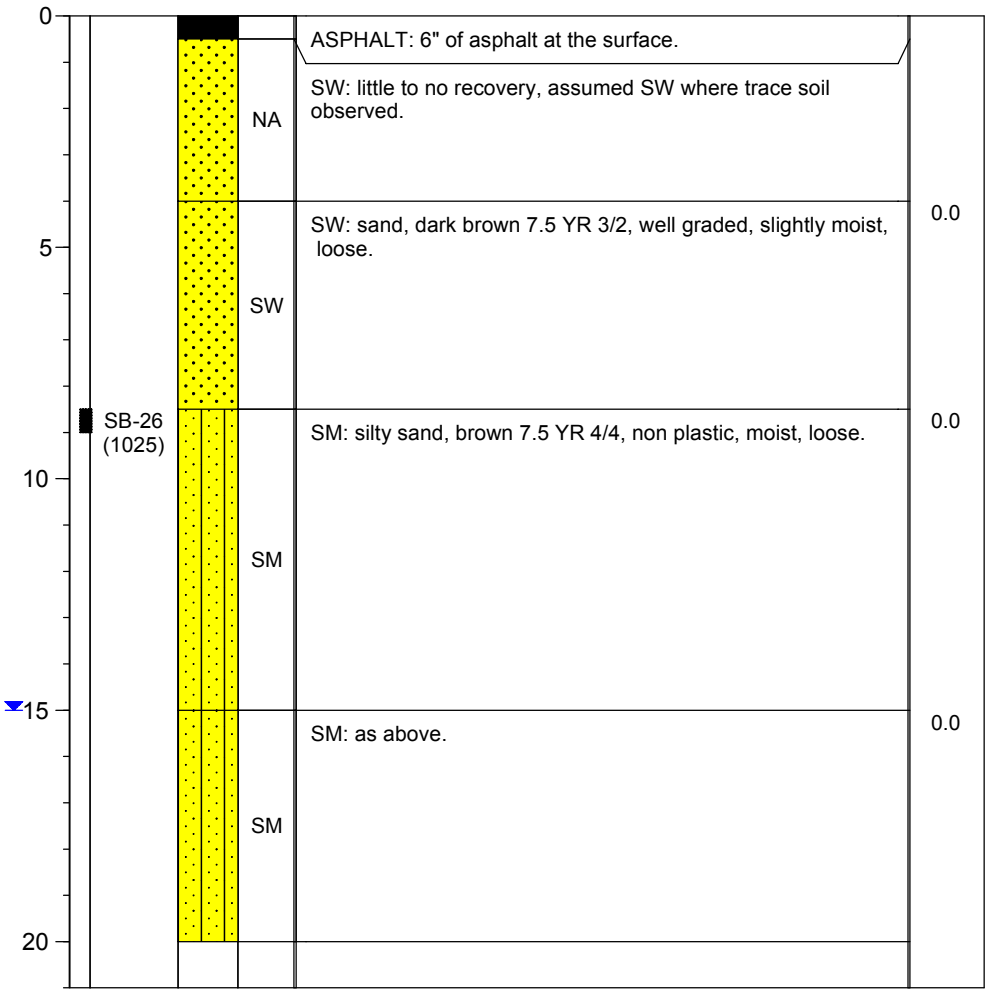
FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-26**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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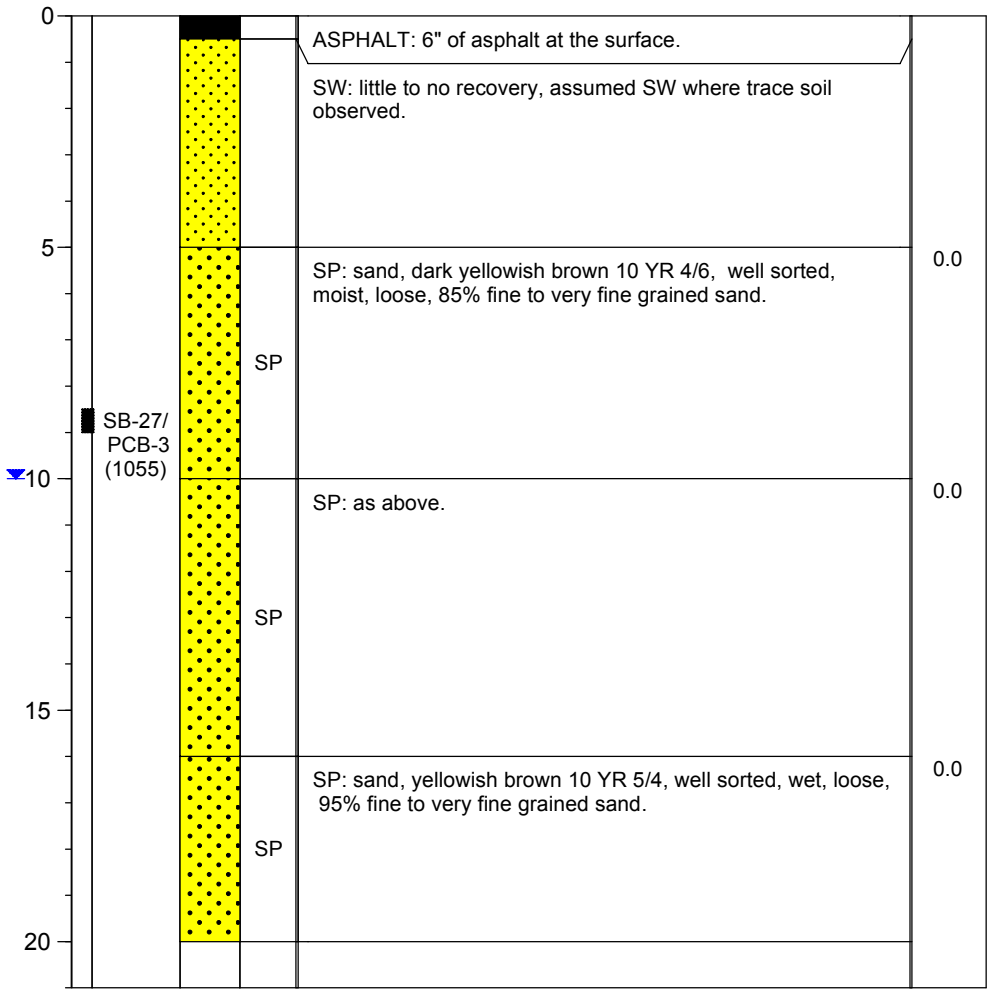
Tel: (714) 662-2759 ● Fax: (714) 662-2758

FIELD BOREHOLE LOG

BOREHOLE NO.: **SB-27/ PCB-3**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/20/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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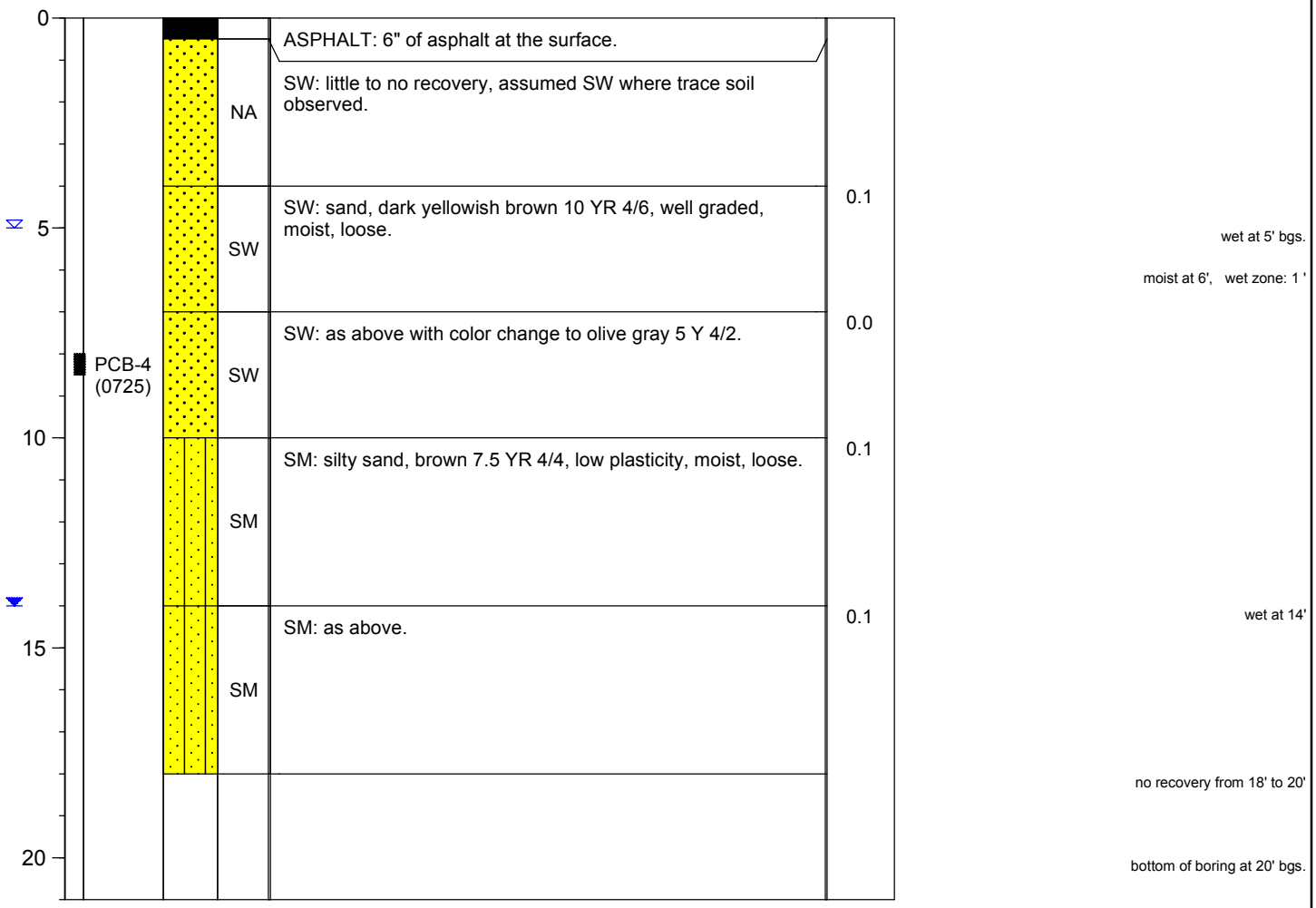
FIELD BOREHOLE LOG

BOREHOLE NO.: **PCB-4**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



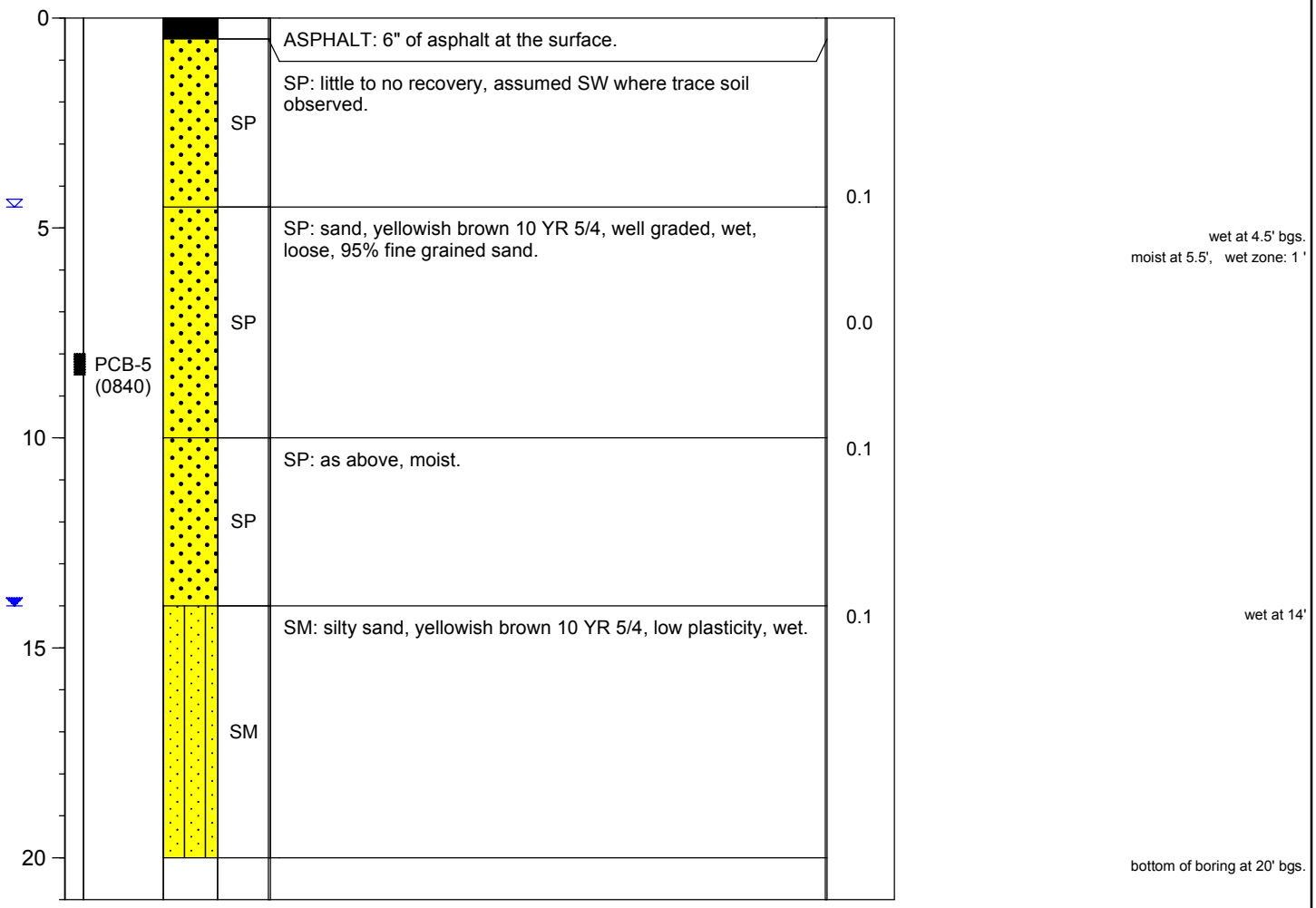
ENVIRONMENTAL COST MANAGEMENT, INC.
Managing Cost and Liability
660 Baker Street, Suite 253 ● Costa Mesa, CA 92626
Tel: (714) 662-2759 ● Fax: (714) 662-2758

FIELD BOREHOLE LOG

BOREHOLE NO.: **PCB-5**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



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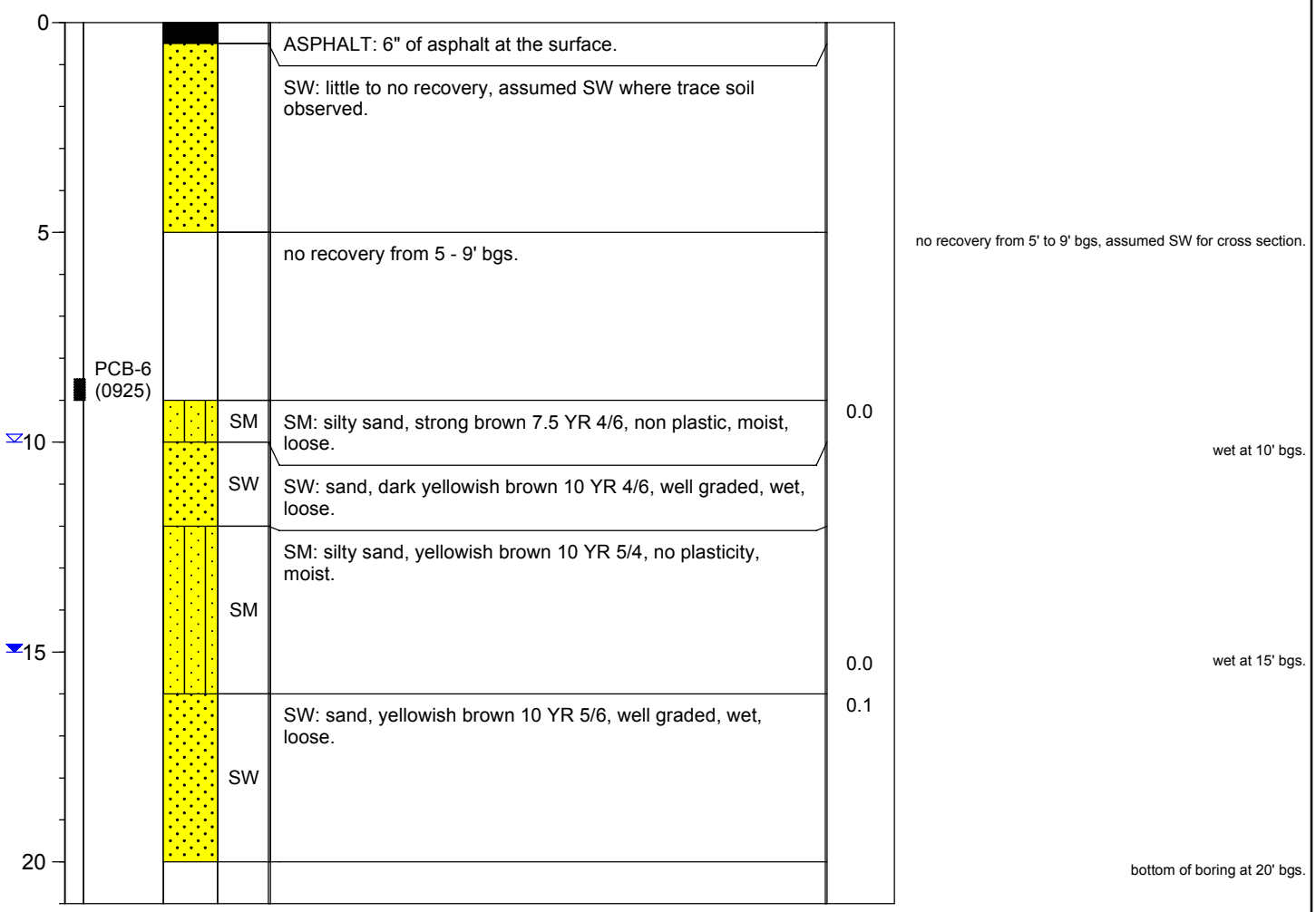
FIELD BOREHOLE LOG

BOREHOLE NO.: **PCB-6**
TOTAL DEPTH: **20 Feet**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Nestlé Oakland**	DRILLING CO.:	**TEG**
SITE LOCATION:	**Oakland, California**	DRILLER:	**Tim Hyde**
JOB NO.:	**Nestlé Oakland**	RIG TYPE:	**Geoprobe**
GEOLOGIST:	**Joseph Plummer**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Brent Searcy**	SAMPLING METHODS:	**Continuous Core**
DATES DRILLED:	**5/21/08**	BOREHOLE DIAMETER:	**2 Inches**

▽ Water Table Encountered During Drilling ▼ Static Water Level



Appendix B: Laboratory Reports, Soil Gas Sampling

teg

Environmental Cost Management, Inc.
Former Nestle Oakland Facility
1310 14th Street, Oakland, California

TEG Project #80519F

EPA Method 8260B VOC Analyses of SOIL VAPOR in ug/L of Vapor
TPH-diesel (EPA 8015m) in ug/L of Vapor

SAMPLE NUMBER:		Probe Blank	SB 16	SB 17	SB 18	SB 19	SB 20	SB 21	SB 22
SAMPLE DEPTH (feet):			5.0	5.0	5.0	5.0	5.0	5.0	5.0
PURGE VOLUME:			3	3	3	3	3	3	3
COLLECTION DATE:		5/19/08	5/19/08	5/19/08	5/19/08	5/19/08	5/19/08	5/19/08	5/19/08
COLLECTION TIME:		09:32	15:19	13:58	16:41	12:25	13:37	13:15	15:38
DILUTION FACTOR (VOCs):	RL	1	1	1	1	1	1	1	1
Dichlorodifluoromethane	0.10	nd	nd	nd	nd	nd	nd	nd	0.39
Vinyl Chloride	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Methylene Chloride	0.10	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	0.10	nd	nd	nd	2.2	nd	nd	nd	40
Trichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	0.20	nd	nd	nd	0.44	nd	nd	nd	32
1,1,2-Trichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.10	nd	nd	nd	nd	nd	nd	nd	7.7
1,1,1,2-Tetrachloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
m,p-Xylene	0.20	nd	nd	nd	nd	nd	nd	nd	14
o-Xylene	0.10	nd	nd	nd	nd	nd	nd	nd	5.1
1,1,2,2-Tetrachloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
TPH (gasoline range)	10	nd	nd	nd	630	nd	19	25	2600
TPH (diesel range)	50	nd	nd	nd	nd	nd	nd	nd	nd
1,1 Difluoroethane (leak check)	10	nd	nd	nd	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		77%	78%	80%	78%	77%	78%	76%	78%
Surrogate Recovery (1,4-BFB)		79%	80%	83%	80%	80%	82%	80%	87%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 Phone: (916) 853-8010 Fax: (916) 853-8020

teg

Environmental Cost Management, Inc.
Former Nestle Oakland Facility
1310 14th Street, Oakland, California

TEG Project #80519F

EPA Method 8260B VOC Analyses of SOIL VAPOR in ug/L of Vapor
TPH-diesel (EPA 8015m) in ug/L of Vapor

SAMPLE NUMBER:		SB 22 dup	SB 23	SB 24	SB 25	SB 26	SB 27	SB 27	SB 27
SAMPLE DEPTH (feet):		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PURGE VOLUME:		3	3	3	3	3	1	3	7
COLLECTION DATE:		5/19/08	5/19/08	5/19/08	5/19/08	5/19/08	5/19/08	5/19/08	5/19/08
COLLECTION TIME:		15:38	14:22	11:44	11:22	12:05	10:08	10:29	10:50
DILUTION FACTOR (VOCs):		1	1	1	1	1	1	1	1
	RL								
Dichlorodifluoromethane	0.10	0.38	nd	nd	nd	10	nd	nd	nd
Vinyl Chloride	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Methylene Chloride	0.10	nd	nd	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.10	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	0.10	40	nd	nd	nd	nd	nd	nd	nd
Trichloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	0.20	32	nd	0.22	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Tetrachloroethene	0.10	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.10	7.5	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
m,p-Xylene	0.20	13	nd	nd	nd	nd	nd	nd	nd
o-Xylene	0.10	5.0	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.10	nd	nd	nd	nd	nd	nd	nd	nd
TPH (gasoline range)	10	2600	nd	nd	nd	nd	nd	nd	nd
TPH (diesel range)	50	nd	nd	nd	nd	nd	nd	nd	nd
1,1 Difluoroethane (leak check)	10	nd	nd	nd	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		89%	82%	79%	78%	79%	80%	79%	80%
Surrogate Recovery (1,4-BFB)		88%	80%	80%	80%	82%	81%	82%	81%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Mr. Leif Jonsson

11350 Monier Park Place, Rancho Cordova, CA 95742 Phone: (916) 853-8010 Fax: (916) 853-8020

TEG Project #80519F

CALIBRATION STANDARDS - Initial Calibration / LCS

Instrument: Agilent 5973N MSD

	INITIAL CALIBRATION		LCS	
COMPOUND	RF	%RSD	RF	%DIFF
Dichlorodifluoromethane*	0.307	9.8%	0.336	9.4%
Vinyl Chloride*	0.473	7.4%	0.535	13.1%
Chloroethane*	0.231	6.9%	0.248	7.4%
Trichlorofluoromethane*	0.484	10.1%	0.539	11.4%
1,1-Dichloroethene	0.324	5.5%	0.324	0.0%
1,1,2-Trichloro-trifluoroethane*	0.260	15.9%	0.288	10.8%
Methylene Chloride	0.258	7.0%	0.258	0.0%
trans-1,2-Dichloroethene	0.265	10.1%	0.277	4.5%
1,1-Dichloroethane	0.501	9.2%	0.511	2.0%
cis-1,2-Dichloroethene	0.284	6.7%	0.299	5.3%
Chloroform	0.461	10.1%	0.489	6.1%
1,1,1-Trichloroethane	0.399	8.0%	0.415	4.0%
Carbon Tetrachloride	0.320	12.7%	0.349	9.1%
1,2-Dichloroethane	0.313	7.4%	0.329	5.1%
Benzene	1.085	8.1%	1.130	4.1%
Trichloroethene	0.277	7.4%	0.291	5.1%
Toluene	0.668	8.9%	0.693	3.7%
1,1,2-Trichloroethane	0.147	11.0%	0.151	2.7%
Tetrachloroethene	0.282	10.1%	0.301	6.7%
Ethylbenzene	0.519	9.8%	0.573	10.4%
1,1,1,2-Tetrachloroethane	0.341	9.2%	0.356	4.4%
m,p-Xylene	0.599	15.1%	0.687	14.7%
o-Xylene	0.581	10.4%	0.660	13.6%
1,1,2,2-Tetrachloroethane	0.475	11.3%	0.532	12.0%
Acceptable Limits		20.0%		15.0%

'*' Indicates RSD not to exceed 30% & LCS not to exceed 25%

Appendix C: Laboratory Reports, Soil and Groundwater Sampling

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-14423-1

Job Description: Nestle-Oakland

For:
Environmental Cost Management, Inc.
660 Baker St.
Ste. # 253
Costa Mesa, CA 92626

Attention: Mr. Binayak Acharya

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
05/29/2008

cc: Ms. Tiffany O Looff
Mr. Brian McAloon
Mr. Brad Miller

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082: Surrogate recovery for the following sample(s) was outside of acceptance limits: SB-24/PCB-1 (720-14423-7). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-14423-1	**SB-24/PCB-1**				
Diesel Range Organics [C10-C28]		1.6	0.99	mg/Kg	8015B
720-14423-3	**SB-25/PCB-2**				
Diesel Range Organics [C10-C28]		1.1	1.0	mg/Kg	8015B
720-14423-7	**SB-24/PCB-1**				
Benzene		1.1	0.50	ug/L	8260B

METHOD SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Closed System Purge & Trap/Laboratory Preservation	TAL SF		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Ultrasonic Extraction	TAL SF		SW846 3550B
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-14423-1	SB-24/PCB-1	Solid	05/20/2008 0955	05/21/2008 1355
720-14423-2	SB-27/PCB-3	Solid	05/20/2008 1055	05/21/2008 1355
720-14423-3	SB-25/PCB-2	Solid	05/20/2008 1215	05/21/2008 1355
720-14423-4	PCB-4	Solid	05/21/2008 0725	05/21/2008 1355
720-14423-5	PCB-5	Solid	05/21/2008 0840	05/21/2008 1355
720-14423-6	PCB-6	Solid	05/21/2008 0925	05/21/2008 1355
720-14423-7	SB-24/PCB-1	Water	05/21/2008 0755	05/21/2008 1355
720-14423-8	SB-27/PCB-3	Water	05/21/2008 0945	05/21/2008 1355
720-14423-9	SB-25/PCB-2 Dup	Solid	05/20/2008 1215	05/21/2008 1355
720-14423-10	PCB-4 Dup	Solid	05/21/2008 0725	05/21/2008 1355

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-24/PCB-1

Lab Sample ID: 720-14423-1 Date Sampled: 05/20/2008 0955
Client Matrix: Solid Date Received: 05/21/2008 1355

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-35956 Instrument ID: Saturn 2100
Preparation: 5035 Prep Batch: 720-35958 Lab File ID: d:\data\200805\052208\sa-s
Dilution: 1.0 Initial Weight/Volume: 6.44 g
Date Analyzed: 05/22/2008 1416 Final Weight/Volume: 10 mL
Date Prepared: 05/22/2008 0717

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0039
Benzene		ND		0.0039
Toluene		ND		0.0039
Ethylbenzene		ND		0.0039
Xylenes, Total		ND		0.0078
Gasoline Range Organics (GRO)-C5-C12		ND		0.19

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	60 - 140
Toluene-d8 (Surr)	105	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-27/PCB-3

Lab Sample ID: 720-14423-2 Date Sampled: 05/20/2008 1055
Client Matrix: Solid Date Received: 05/21/2008 1355

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-35956 Instrument ID: Saturn 2100
Preparation: 5035 Prep Batch: 720-35958 Lab File ID: d:\data\200805\052208\sa-s
Dilution: 1.0 Initial Weight/Volume: 4.62 g
Date Analyzed: 05/22/2008 1323 Final Weight/Volume: 10 mL
Date Prepared: 05/22/2008 0717

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0054
Benzene		ND		0.0054
Toluene		ND		0.0054
Ethylbenzene		ND		0.0054
Xylenes, Total		ND		0.011
Gasoline Range Organics (GRO)-C5-C12		ND		0.27

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	60 - 140
Toluene-d8 (Surr)	109	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-25/PCB-2

Lab Sample ID: 720-14423-3 Date Sampled: 05/20/2008 1215
Client Matrix: Solid Date Received: 05/21/2008 1355

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-35956 Instrument ID: Saturn 2100
Preparation: 5035 Prep Batch: 720-35958 Lab File ID: d:\data\200805\052208\sa-s
Dilution: 1.0 Initial Weight/Volume: 6.67 g
Date Analyzed: 05/22/2008 1442 Final Weight/Volume: 10 mL
Date Prepared: 05/22/2008 0717

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0037
Benzene		ND		0.0037
Toluene		ND		0.0037
Ethylbenzene		ND		0.0037
Xylenes, Total		ND		0.0075
Gasoline Range Organics (GRO)-C5-C12		ND		0.19

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	60 - 140
Toluene-d8 (Surr)	101	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-24/PCB-1

Lab Sample ID: 720-14423-7 Date Sampled: 05/21/2008 0755
Client Matrix: Water Date Received: 05/21/2008 1355

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36134 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/27/2008 2318 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 2318

Analyte	Result (ug/L)	Qualifier	RL
Benzene	1.1		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 121
1,2-Dichloroethane-d4 (Surr)	113	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-27/PCB-3

Lab Sample ID: 720-14423-8 Date Sampled: 05/21/2008 0945
Client Matrix: Water Date Received: 05/21/2008 1355

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36134 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/27/2008 2341 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 2341

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 121
1,2-Dichloroethane-d4 (Surr)	108	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-24/PCB-1

Lab Sample ID: 720-14423-1 Date Sampled: 05/20/2008 0955
Client Matrix: Solid Date Received: 05/21/2008 1355

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36156 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-35980 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.22 g
Date Analyzed: 05/28/2008 0027 Final Weight/Volume: 5 mL
Date Prepared: 05/23/2008 1836 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.6		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	77	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-27/PCB-3

Lab Sample ID: 720-14423-2 Date Sampled: 05/20/2008 1055
Client Matrix: Solid Date Received: 05/21/2008 1355

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36156 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-35980 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.45 g
Date Analyzed: 05/28/2008 0053 Final Weight/Volume: 5 mL
Date Prepared: 05/23/2008 1836 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	76	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-25/PCB-2

Lab Sample ID: 720-14423-3 Date Sampled: 05/20/2008 1215
Client Matrix: Solid Date Received: 05/21/2008 1355

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36156 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-35980 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.13 g
Date Analyzed: 05/29/2008 1335 Final Weight/Volume: 5 mL
Date Prepared: 05/23/2008 1836 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.1		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	81	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-25/PCB-2 Dup

Lab Sample ID: 720-14423-9 Date Sampled: 05/20/2008 1215
Client Matrix: Solid Date Received: 05/21/2008 1355

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/29/2008 0239
Date Prepared: 05/23/2008 1836
Analysis Batch: 720-36156
Prep Batch: 720-35980
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 29.99 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	82	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-24/PCB-1

Lab Sample ID: 720-14423-1 Date Sampled: 05/20/2008 0955
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.29 g
Date Analyzed: 05/28/2008 1622 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	71	46 - 111
DCB Decachlorobiphenyl	72	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-27/PCB-3

Lab Sample ID: 720-14423-2 Date Sampled: 05/20/2008 1055
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.33 g
Date Analyzed: 05/28/2008 1642 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		49
PCB-1221		ND		49
PCB-1232		ND		49
PCB-1242		ND		49
PCB-1248		ND		49
PCB-1254		ND		49
PCB-1260		ND		49

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	82	46 - 111
DCB Decachlorobiphenyl	82	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-25/PCB-2

Lab Sample ID: 720-14423-3 Date Sampled: 05/20/2008 1215
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.11 g
Date Analyzed: 05/28/2008 1703 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	82	46 - 111
DCB Decachlorobiphenyl	86	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: PCB-4

Lab Sample ID: 720-14423-4 Date Sampled: 05/21/2008 0725
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.33 g
Date Analyzed: 05/28/2008 1723 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		49
PCB-1221		ND		49
PCB-1232		ND		49
PCB-1242		ND		49
PCB-1248		ND		49
PCB-1254		ND		49
PCB-1260		ND		49

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	84	46 - 111
DCB Decachlorobiphenyl	84	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: PCB-5

Lab Sample ID: 720-14423-5 Date Sampled: 05/21/2008 0840
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.13 g
Date Analyzed: 05/28/2008 1744 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	87	46 - 111
DCB Decachlorobiphenyl	87	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: PCB-6

Lab Sample ID: 720-14423-6 Date Sampled: 05/21/2008 0925
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.13 g
Date Analyzed: 05/28/2008 1805 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	86	46 - 111
DCB Decachlorobiphenyl	90	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: SB-24/PCB-1

Lab Sample ID: 720-14423-7 Date Sampled: 05/21/2008 0755
Client Matrix: Water Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36147 Instrument ID: Agilent PCB 2
Preparation: 3510C Prep Batch: 720-35940 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 500 mL
Date Analyzed: 05/28/2008 1459 Final Weight/Volume: 10 mL
Date Prepared: 05/22/2008 1751 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		1.0
PCB-1221	ND		1.0
PCB-1232	ND		1.0
PCB-1242	ND		1.0
PCB-1248	ND		1.0
PCB-1254	ND		1.0
PCB-1260	ND		1.0

Surrogate	%Rec		Acceptance Limits
Tetrachloro-m-xylene	27	X	47 - 114
DCB Decachlorobiphenyl	10	X	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Client Sample ID: PCB-4 Dup

Lab Sample ID: 720-14423-10 Date Sampled: 05/21/2008 0725
Client Matrix: Solid Date Received: 05/21/2008 1355

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.06 g
Date Analyzed: 05/28/2008 1825 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	79	46 - 111
DCB Decachlorobiphenyl	82	34 - 106

DATA REPORTING QUALIFIERS

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Section	Qualifier	Description
GC Semi VOA		
	X	Surrogate exceeds the control limits

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-35956					
LCS 720-35958/2-A	Lab Control Spike	T	Solid	8260B	720-35958
LCSD 720-35958/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-35958
MB 720-35958/1-A	Method Blank	T	Solid	8260B	720-35958
720-14423-1	SB-24/PCB-1	T	Solid	8260B	720-35958
720-14423-2	SB-27/PCB-3	T	Solid	8260B	720-35958
720-14423-3	SB-25/PCB-2	T	Solid	8260B	720-35958
Prep Batch: 720-35958					
LCS 720-35958/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-35958/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-35958/1-A	Method Blank	T	Solid	5035	
720-14423-1	SB-24/PCB-1	T	Solid	5035	
720-14423-2	SB-27/PCB-3	T	Solid	5035	
720-14423-3	SB-25/PCB-2	T	Solid	5035	
Analysis Batch:720-36134					
LCS 720-36134/2	Lab Control Spike	T	Water	8260B	
LCSD 720-36134/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-36134/3	Method Blank	T	Water	8260B	
720-14416-B-3 MS	Matrix Spike	T	Water	8260B	
720-14416-B-3 MSD	Matrix Spike Duplicate	T	Water	8260B	
720-14423-7	SB-24/PCB-1	T	Water	8260B	
720-14423-8	SB-27/PCB-3	T	Water	8260B	

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-35940					
LCS 720-35940/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-35940/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-35940/1-A	Method Blank	T	Water	3510C	
720-14423-7	SB-24/PCB-1	T	Water	3510C	
Prep Batch: 720-35980					
LCS 720-35980/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-35980/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-35980/1-A	Method Blank	T	Solid	3550B	
720-14423-1	SB-24/PCB-1	T	Solid	3550B	
720-14423-2	SB-27/PCB-3	T	Solid	3550B	
720-14423-3	SB-25/PCB-2	T	Solid	3550B	
720-14423-3MS	Matrix Spike	T	Solid	3550B	
720-14423-3MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-14423-9	SB-25/PCB-2 Dup	T	Solid	3550B	
Prep Batch: 720-36008					
LCS 720-36008/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-36008/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-36008/1-A	Method Blank	T	Solid	3550B	
720-14423-1	SB-24/PCB-1	T	Solid	3550B	
720-14423-2	SB-27/PCB-3	T	Solid	3550B	
720-14423-3	SB-25/PCB-2	T	Solid	3550B	
720-14423-4	PCB-4	T	Solid	3550B	
720-14423-5	PCB-5	T	Solid	3550B	
720-14423-5MS	Matrix Spike	T	Solid	3550B	
720-14423-5MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-14423-6	PCB-6	T	Solid	3550B	
720-14423-10	PCB-4 Dup	T	Solid	3550B	
Analysis Batch:720-36147					
LCS 720-35940/2-A	Lab Control Spike	T	Water	8082	720-35940
LCSD 720-35940/3-A	Lab Control Spike Duplicate	T	Water	8082	720-35940
MB 720-35940/1-A	Method Blank	T	Water	8082	720-35940
720-14423-7	SB-24/PCB-1	T	Water	8082	720-35940

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:720-36150					
LCS 720-36008/2-A	Lab Control Spike	T	Solid	8082	720-36008
LCSD 720-36008/3-A	Lab Control Spike Duplicate	T	Solid	8082	720-36008
MB 720-36008/1-A	Method Blank	T	Solid	8082	720-36008
720-14423-1	SB-24/PCB-1	T	Solid	8082	720-36008
720-14423-2	SB-27/PCB-3	T	Solid	8082	720-36008
720-14423-3	SB-25/PCB-2	T	Solid	8082	720-36008
720-14423-4	PCB-4	T	Solid	8082	720-36008
720-14423-5	PCB-5	T	Solid	8082	720-36008
720-14423-5MS	Matrix Spike	T	Solid	8082	720-36008
720-14423-5MSD	Matrix Spike Duplicate	T	Solid	8082	720-36008
720-14423-6	PCB-6	T	Solid	8082	720-36008
720-14423-10	PCB-4 Dup	T	Solid	8082	720-36008
Analysis Batch:720-36156					
LCS 720-35980/2-A	Lab Control Spike	T	Solid	8015B	720-35980
LCSD 720-35980/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-35980
MB 720-35980/1-A	Method Blank	T	Solid	8015B	720-35980
720-14423-1	SB-24/PCB-1	T	Solid	8015B	720-35980
720-14423-2	SB-27/PCB-3	T	Solid	8015B	720-35980
720-14423-3	SB-25/PCB-2	T	Solid	8015B	720-35980
720-14423-3MS	Matrix Spike	T	Solid	8015B	720-35980
720-14423-3MSD	Matrix Spike Duplicate	T	Solid	8015B	720-35980
720-14423-9	SB-25/PCB-2 Dup	T	Solid	8015B	720-35980

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Method Blank - Batch: 720-35958

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 720-35958/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/22/2008 1124
Date Prepared: 05/22/2008 0717

Analysis Batch: 720-35956
Prep Batch: 720-35958
Units: mg/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200805\052208\mb
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
1,2-Dichloroethane	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	106	70 - 130
1,2-Dichloroethane-d4 (Surr)	132	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35958

Method: 8260B
Preparation: 5035

LCS Lab Sample ID:	LCS 720-35958/2-A	Analysis Batch: 720-35956	Instrument ID: Saturn 2100
Client Matrix:	Solid	Prep Batch: 720-35958	Lab File ID: d:\data\200805\052208\ls-s
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 5 g
Date Analyzed:	05/22/2008 1158		Final Weight/Volume: 10 mL
Date Prepared:	05/22/2008 0717		

LCSD Lab Sample ID:	LCSD 720-35958/3-A	Analysis Batch: 720-35956	Instrument ID: Saturn 2100
Client Matrix:	Solid	Prep Batch: 720-35958	Lab File ID: d:\data\200805\052208\ld-sc
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 5 g
Date Analyzed:	05/22/2008 1224		Final Weight/Volume: 10 mL
Date Prepared:	05/22/2008 0717		

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	113	113	70 - 123	0	20		
Toluene	109	112	81 - 128	3	20		
Gasoline Range Organics (GRO)-C5-C12	70	71	51 - 97	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	105	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	125	95	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Method Blank - Batch: 720-36134

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36134/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1534
Date Prepared: 05/27/2008 1534

Analysis Batch: 720-36134
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36134

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36134/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1607
Date Prepared: 05/27/2008 1607

Analysis Batch: 720-36134
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36134/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1630
Date Prepared: 05/27/2008 1630

Analysis Batch: 720-36134
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\052
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	95	88	64 - 140	8	20		
Toluene	93	93	52 - 120	0	20		
Gasoline Range Organics (GRO)-C5-C12	77	71	40 - 145	8	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	102	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	100	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36134

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-14416-B-3 MS	Analysis Batch: 720-36134	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/27/2008 2034		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 2034		

MSD Lab Sample ID:	720-14416-B-3 MSD	Analysis Batch: 720-36134	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\05
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/27/2008 2057		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 2057		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	78	72	64 - 140	7	20		
Toluene	88	92	52 - 120	5	20		
Gasoline Range Organics (GRO)-C5-C12	77	73	40 - 145	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	101	77 - 121
1,2-Dichloroethane-d4 (Surr)	92	99	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Method Blank - Batch: 720-35980

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-35980/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 0214
Date Prepared: 05/23/2008 1836

Analysis Batch: 720-36156
Prep Batch: 720-35980
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.25 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99
Motor Oil Range Organics [C24-C36]	ND		50

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	85	40 - 119

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35980

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-35980/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 0120
Date Prepared: 05/23/2008 1836

Analysis Batch: 720-36156
Prep Batch: 720-35980
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-35980/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 0147
Date Prepared: 05/23/2008 1836

Analysis Batch: 720-36156
Prep Batch: 720-35980
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	90	88	50 - 130	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	86	83	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-35980

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	720-14423-3	Analysis Batch: 720-36156	Instrument ID: HP DRO5
Client Matrix:	Solid	Prep Batch: 720-35980	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.37 g
Date Analyzed:	05/29/2008 0146		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2008 1836		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	720-14423-3	Analysis Batch: 720-36156	Instrument ID: HP DRO5
Client Matrix:	Solid	Prep Batch: 720-35980	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.13 g
Date Analyzed:	05/29/2008 0213		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2008 1836		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	76	76	50 - 130	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
p-Terphenyl	80	78	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Method Blank - Batch: 720-35940

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 720-35940/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1357
Date Prepared: 05/22/2008 1751

Analysis Batch: 720-36147
Prep Batch: 720-35940
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		0.50
PCB-1221	ND		0.50
PCB-1232	ND		0.50
PCB-1242	ND		0.50
PCB-1248	ND		0.50
PCB-1254	ND		0.50
PCB-1260	ND		0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	89	47 - 114
DCB Decachlorobiphenyl	99	17 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35940

Method: 8082
Preparation: 3510C

LCS Lab Sample ID: LCS 720-35940/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1418
Date Prepared: 05/22/2008 1751

Analysis Batch: 720-36147
Prep Batch: 720-35940
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-35940/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1439
Date Prepared: 05/22/2008 1751

Analysis Batch: 720-36147
Prep Batch: 720-35940
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	95	98	68 - 134	4	22		
PCB-1260	87	91	60 - 133	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	77	83	47 - 114
DCB Decachlorobiphenyl	89	93	17 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Method Blank - Batch: 720-36008

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 720-36008/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 1520
Date Prepared: 05/27/2008 1119

Analysis Batch: 720-36150
Prep Batch: 720-36008
Units: ug/Kg

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		50
PCB-1221	ND		50
PCB-1232	ND		50
PCB-1242	ND		50
PCB-1248	ND		50
PCB-1254	ND		50
PCB-1260	ND		50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	88	46 - 111
DCB Decachlorobiphenyl	81	34 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36008

Method: 8082
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-36008/2-A	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0	Units: ug/Kg	Initial Weight/Volume: 30.34 g
Date Analyzed:	05/28/2008 1540		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY

LCSD Lab Sample ID:	LCSD 720-36008/3-A	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0	Units: ug/Kg	Initial Weight/Volume: 30.32 g
Date Analyzed:	05/28/2008 1601		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	101	103	66 - 116	1	21		
PCB-1260	91	93	57 - 110	2	24		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	95	97	46 - 111
DCB Decachlorobiphenyl	92	93	34 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36008

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	720-14423-5	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.31 g
Date Analyzed:	05/28/2008 1948		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY
MSD Lab Sample ID:	720-14423-5	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.18 g
Date Analyzed:	05/28/2008 2008		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	96	90	25 - 147	7	38		
PCB-1260	85	82	14 - 145	3	48		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	83	89	46 - 111
DCB Decachlorobiphenyl	86	87	34 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-14423
Chain of Custody Record

1108347

TestAmerica
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TestAmerica Laboratories, Inc.

21

Client Contact	Project Manager: Binayak Acharya	Site Contact: Joseph Plummer	Date: 5/20/08	COC No:
Environmental Cost Management Inc. (ECM)	Tel/Fax: (661) 255-1693	Lab Contact: Dimple Sharma	Carrier: DS	1 of 1 COCs
660 Baker Street Suite 253	Analysis Turnaround Time			Job No.
Costa Mesa, CA 92626	Calendar (C) or Work Days (W): C			
(714) 662-2759 Phone	TAT if different from Below ____			SDG No.
(714) 662-2758 FAX	☐ 2 weeks			
Project Name: Nestle	☒ 1 week			
Site: Oakland, CA	☐ 2 days			
P O # Soil Borings	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Pres.	Matrix	# of Cont.	Filtered Sample	BTEX	TPH - Gas	1,2 - DCA	TPH - Diesel	TPH - Motor Oil	PCB's	Sample Specific Notes:
SB-24/PCB-1	5/20/08	0955	NA	S	4		X	X	X	X	X	X	
SB-27/PCB-3	↓	1055	↓	↓	↓		X	X	X	X	X	X	
SB-25/PCB-2	5/20/08	1215	NA	S	4		X	X	X	X	X	X	
PCB-4	5/21/08	0725	NA	S	1							X	
PCB-5	5/21/08	0840	NA	S	1							X	
PCB-6	5/21/08	0925	NA	S	1							X	
SB-24/PCB-1	5/21/08	0755	HCl	W	4		X	X	X			X	
SB-27/PCB-3	5/21/08	0845	HCl	W	3		X	X	X				
										NFE			
										J. Pl			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date Time:	Received by:	Company:	Date Time:
Joseph Plummer	ECM	5/21/08 1040	DS	TestAmerica	5/21/08 1040
DS	TestAmerica	5/21/08 1355		TestAmerica	5/21/08 1355
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Tem 5.4°C

Sharma, Dimple 720-14423. Rev

From: Brent Searcy [bsearcy@ecostmanage.com]
Sent: Thursday, May 22, 2008 11:38 AM
To: Sharma, Dimple
Subject: RE: Files from 720-14423-1 Nestle-Oakland / requested soil sample dplicates

Dimple:

Thanks for the COC Dimple.

From this COC,

Please make a duplicate analysis for the PCB-4 soil sample being analyzed for PCBs (sample taken at 0725 on 5/21/08).

And please make a duplicate analysis for the SB-25/PCB-2 soil sample being analyzed for TPH-d and TPH-mo (sample taken at 1215 on 5/20/08).

Give me a call with any questions.

Thanks,
Brent

From: Sharma, Dimple [mailto:dimple.sharma@testamericainc.com]
Sent: Thursday, May 22, 2008 10:36 AM
To: Brent Searcy
Subject: Files from 720-14423-1 Nestle-Oakland

DIMPLE SHARMA

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 925.484.1919
www.testamericainc.com

Reference: [026787]
Attachments: 1

Login Sample Receipt Check List

Client: Environmental Cost Management, Inc. Job Number: 720-14423-1

Login Number: 14423 **List Source: TestAmerica San Francisco**
Creator: Bullock, Tracy
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	split off for duplicates

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-14399-1

Job Description: Nestle-Oakland

For:
Environmental Cost Management, Inc.
660 Baker St.
Ste. # 253
Costa Mesa, CA 92626

Attention: Mr. Binayak Acharya

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
05/30/2008

cc: Ms. Tiffany O Looff
Mr. Brian McAloon
Mr. Brad Miller

TestAmerica Laboratories, Inc.
TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 36029 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The matrix spike duplicate (MSD) recovery for batch 36036 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-14399-1	**SB-16**				
Diesel Range Organics [C10-C28]		30	1.0	mg/Kg	8015B
720-14399-2	**SB-16**				
Diesel Range Organics [C10-C28]		530	50	ug/L	8015B

METHOD SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Closed System Purge & Trap/Laboratory Preservation	TAL SF		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-14399-1	SB-16	Solid	05/19/2008 1555	05/20/2008 1105
720-14399-2	SB-16	Water	05/20/2008 0900	05/20/2008 1105

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Client Sample ID: SB-16

Lab Sample ID: 720-14399-1 Date Sampled: 05/19/2008 1555
Client Matrix: Solid Date Received: 05/20/2008 1105

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-35789 Instrument ID: Saturn 2100
Preparation: 5035 Prep Batch: 720-35790 Lab File ID: d:\data\200805\052008\sa-s
Dilution: 1.0 Initial Weight/Volume: 5.76 g
Date Analyzed: 05/20/2008 1430 Final Weight/Volume: 10 mL
Date Prepared: 05/20/2008 1410

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0043
Benzene		ND		0.0043
Toluene		ND		0.0043
Ethylbenzene		ND		0.0043
Xylenes, Total		ND		0.0087
Gasoline Range Organics (GRO)-C5-C12		ND		0.22

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128	60 - 140
Toluene-d8 (Surr)	104	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Client Sample ID: SB-16

Lab Sample ID: 720-14399-2 Date Sampled: 05/20/2008 0900
Client Matrix: Water Date Received: 05/20/2008 1105

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36029 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/26/2008 1733 Final Weight/Volume: 10 mL
Date Prepared: 05/26/2008 1733

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 121
1,2-Dichloroethane-d4 (Surr)	109	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Client Sample ID: SB-16

Lab Sample ID: 720-14399-1
Client Matrix: Solid

Date Sampled: 05/19/2008 1555
Date Received: 05/20/2008 1105

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/27/2008 1930
Date Prepared: 05/21/2008 1403

Analysis Batch: 720-36036
Prep Batch: 720-35857

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		30		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	68	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Client Sample ID: SB-16

Lab Sample ID: 720-14399-2
Client Matrix: Water

Date Sampled: 05/20/2008 0900
Date Received: 05/20/2008 1105

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/24/2008 1129
Date Prepared: 05/21/2008 1447

Analysis Batch: 720-36075
Prep Batch: 720-35862

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	530		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	72	50 - 150

DATA REPORTING QUALIFIERS

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Lab Section	Qualifier	Description
GC/MS VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	RPD of the MS and MSD exceeds the control limits
GC Semi VOA		
	F	MS or MSD exceeds the control limits

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-35789					
LCS 720-35790/2-A	Lab Control Spike	T	Solid	8260B	720-35790
LCSD 720-35790/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-35790
MB 720-35790/1-A	Method Blank	T	Solid	8260B	720-35790
720-14399-1	SB-16	T	Solid	8260B	720-35790
Prep Batch: 720-35790					
LCS 720-35790/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-35790/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-35790/1-A	Method Blank	T	Solid	5035	
720-14399-1	SB-16	T	Solid	5035	
Analysis Batch:720-36029					
LCS 720-36029/2	Lab Control Spike	T	Water	8260B	
LCSD 720-36029/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-36029/3	Method Blank	T	Water	8260B	
720-14345-B-2 MS	Matrix Spike	T	Water	8260B	
720-14345-B-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
720-14399-2	SB-16	T	Water	8260B	

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-35857					
LCS 720-35857/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-35857/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-35857/1-A	Method Blank	T	Solid	3550B	
720-14398-A-20-B MS	Matrix Spike	T	Solid	3550B	
720-14398-A-20-C MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-14399-1	SB-16	T	Solid	3550B	
Prep Batch: 720-35862					
LCS 720-35862/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-35862/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-35862/1-A	Method Blank	T	Water	3510C	
720-14399-2	SB-16	T	Water	3510C	
Analysis Batch:720-36036					
LCS 720-35857/2-A	Lab Control Spike	T	Solid	8015B	720-35857
LCSD 720-35857/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-35857
MB 720-35857/1-A	Method Blank	T	Solid	8015B	720-35857
720-14398-A-20-B MS	Matrix Spike	T	Solid	8015B	720-35857
720-14398-A-20-C MSD	Matrix Spike Duplicate	T	Solid	8015B	720-35857
720-14399-1	SB-16	T	Solid	8015B	720-35857
Analysis Batch:720-36075					
LCS 720-35862/2-A	Lab Control Spike	T	Water	8015B	720-35862
LCSD 720-35862/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-35862
MB 720-35862/1-A	Method Blank	T	Water	8015B	720-35862
720-14399-2	SB-16	T	Water	8015B	720-35862

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Method Blank - Batch: 720-35790

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 720-35790/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/20/2008 1043
Date Prepared: 05/20/2008 1410

Analysis Batch: 720-35789
Prep Batch: 720-35790
Units: mg/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200805\052008\mb
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
1,2-Dichloroethane	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	126	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35790

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 720-35790/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/20/2008 1110
Date Prepared: 05/20/2008 1410

Analysis Batch: 720-35789
Prep Batch: 720-35790
Units: mg/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200805\052008\ls-s
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-35790/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/20/2008 1136
Date Prepared: 05/20/2008 1410

Analysis Batch: 720-35789
Prep Batch: 720-35790
Units: mg/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200805\052008\ld-sc
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	93	70 - 123	7	20		
Toluene	95	88	81 - 128	8	20		
Gasoline Range Organics (GRO)-C5-C12	59	57	51 - 97	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	104	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	119	121	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Method Blank - Batch: 720-36029

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36029/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2008 1004
Date Prepared: 05/26/2008 1004

Analysis Batch: 720-36029
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
MTBE	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 121
1,2-Dichloroethane-d4 (Surr)	106	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36029

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36029/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2008 1106
Date Prepared: 05/26/2008 1106

Analysis Batch: 720-36029
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36029/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2008 1129
Date Prepared: 05/26/2008 1129

Analysis Batch: 720-36029
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\052
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	88	92	64 - 140	5	20		
MTBE	97	97	44 - 134	1	20		
Toluene	95	104	52 - 120	9	20		
Gasoline Range Organics (GRO)-C5-C12	70	66	40 - 145	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	100	105	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	104	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36029

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-14345-B-2 MS	Analysis Batch: 720-36029	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\(
Dilution:	50		Initial Weight/Volume: 10 mL
Date Analyzed:	05/26/2008 1448		Final Weight/Volume: 10 mL
Date Prepared:	05/26/2008 1448		

MSD Lab Sample ID:	720-14345-B-2 MSD	Analysis Batch: 720-36029	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\05
Dilution:	50		Initial Weight/Volume: 10 mL
Date Analyzed:	05/26/2008 1513		Final Weight/Volume: 10 mL
Date Prepared:	05/26/2008 1513		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	90	92	64 - 140	2	20		
MTBE	328	368	44 - 134	1	20	4	4
Toluene	90	115	52 - 120	25	20		F
Gasoline Range Organics (GRO)-C5-C12	74	85	40 - 145	12	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	88	116	77 - 121
1,2-Dichloroethane-d4 (Surr)	101	105	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Method Blank - Batch: 720-35857

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-35857/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/24/2008 1156
Date Prepared: 05/21/2008 1403

Analysis Batch: 720-36036
Prep Batch: 720-35857
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Motor Oil Range Organics [C24-C36]	ND		50

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	82	40 - 119

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35857

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-35857/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/24/2008 0607
Date Prepared: 05/21/2008 1403

Analysis Batch: 720-36036
Prep Batch: 720-35857
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-35857/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/24/2008 0634
Date Prepared: 05/21/2008 1403

Analysis Batch: 720-36036
Prep Batch: 720-35857
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	64	64	50 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	81	83	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-35857

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	720-14398-A-20-B MS	Analysis Batch: 720-36036	Instrument ID: HP DRO5
Client Matrix:	Solid	Prep Batch: 720-35857	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.05 g
Date Analyzed:	05/27/2008 1301		Final Weight/Volume: 5 mL
Date Prepared:	05/21/2008 1403		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	720-14398-A-20-C MSD	Analysis Batch: 720-36036	Instrument ID: HP DRO5
Client Matrix:	Solid	Prep Batch: 720-35857	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.11 g
Date Analyzed:	05/27/2008 1354		Final Weight/Volume: 5 mL
Date Prepared:	05/21/2008 1403		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	73	47	50 - 130	24	30		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
p-Terphenyl	58	52	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Method Blank - Batch: 720-35862

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-35862/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2008 1102
Date Prepared: 05/21/2008 1447

Analysis Batch: 720-36075
Prep Batch: 720-35862
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	88	50 - 150

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35862

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-35862/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2008 0847
Date Prepared: 05/21/2008 1447

Analysis Batch: 720-36075
Prep Batch: 720-35862
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-35862/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2008 1035
Date Prepared: 05/21/2008 1447

Analysis Batch: 720-36075
Prep Batch: 720-35862
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	81	81	50 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	85	84	50 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-14399

Chain of Custody Record

1108 17

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TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Binayak Acharya	Site Contact: Joseph Plummer	Date: 5/19/08	COC No:
Environmental Cost Management Inc. (ECM)	Tel/Fax: (661) 255-1693	Lab Contact: Dimple Sharma	Carrier:	1 of 1 COCs
660 Baker Street Suite 253	Analysis Turnaround Time			Job No.
Costa Mesa, CA 92626	Calendar (C) or Work Days (W): C			
(714) 662-2759 Phone	TAT if different from Below _____			SDG No.
(714) 662-2758 FAX	☐ 2 weeks			
Project Name: Nestle	☒ 1 week			
Site: Oakland, CA	☐ 2 days			
P O # Soil Borings	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Pres.	Matrix	# of Cont.	Filtered Sample	BTEX	TPH - Gas	1,2 - DCA	TPH - Diesel	TPH - Motor Oil	PCB's	Sample Specific Notes:
SB-16	5/19/08	1555	NA	S	4		X	X	X	X	X		
SB-16	5/20/08	0900	HCl	W	4		X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

2.1°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Joseph Plummer	ECM	5/20/08 /	0940	TestAmerica	5/20/08 0940
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TestAmerica	5/20/08 1105	Joan Mullen	TestAmerica	5-20-08 1105
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Check List

Client: Environmental Cost Management, Inc. Job Number: 720-14399-1

Login Number: 14399 **List Source: TestAmerica San Francisco**
Creator: Bullock, Tracy
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-14444-1

Job Description: Nestle-Oakland

For:
Environmental Cost Management, Inc.
660 Baker St.
Ste. # 253
Costa Mesa, CA 92626

Attention: Mr. Binayak Acharya

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
06/05/2008

cc: Ms. Tiffany O Looff
Mr. Brian McAloon
Mr. Brad Miller

Job Narrative
720-J14444-1

Comments
No additional comments.

Receipt
All three encores containers for the following sample was received empty: SB-22 (#6).
Logged Gas,BTEX, 1-2,DCA from sleeve/tube sample. The date collected on the SB-22 Encore package is 5/18/08 @ 11:30. The soil sleeve label date is 5/21/08 @ 11:30.

Insufficient sample volume was provided for the EQ BLANK amber 1L for the PCB analysis, amber 1L is NOT full.

Water sampes SB-26 (#17), SB-19 (#21), SB-22 (#22) amber 1L's are Hcl preserved for TPH-Diesel, MO.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 35158 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method(s) 8260B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SB-22 (720-14444-6).

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 36215 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method(s) 8260B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SB-17 (8.0) (720-14444-24), SB-18 (720-14444-7), SB-20/PCB-7 DUP (720-14444-20), SB-21/PCB-8 (720-14444-8).

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 36157 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-14444-4	**SB-26**				
Diesel Range Organics [C10-C28]		10	0.99	mg/Kg	8015B
720-14444-6	**SB-22**				
Toluene		140	47	mg/Kg	8260B
Xylenes, Total		190	94	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		3200	2400	mg/Kg	8260B
Diesel Range Organics [C10-C28]		1100	9.9	mg/Kg	8015B
720-14444-7	**SB-18**				
Benzene		41	19	mg/Kg	8260B
Ethylbenzene		28	19	mg/Kg	8260B
Toluene		110	19	mg/Kg	8260B
Xylenes, Total		130	38	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		1900	960	mg/Kg	8260B
Diesel Range Organics [C10-C28]		67	0.99	mg/Kg	8015B
720-14444-8	**SB-21/PCB-8**				
Benzene		40	19	mg/Kg	8260B
Ethylbenzene		69	19	mg/Kg	8260B
Toluene		210	19	mg/Kg	8260B
Xylenes, Total		360	39	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		3800	960	mg/Kg	8260B
Diesel Range Organics [C10-C28]		250	0.98	mg/Kg	8015B
720-14444-11	**SB-24/PCB-1**				
Diesel Range Organics [C10-C28]		360	50	ug/L	8015B
720-14444-15	**SB-25/PCB-2**				
Diesel Range Organics [C10-C28]		140	50	ug/L	8015B
720-14444-16	**SB-23**				
Diesel Range Organics [C10-C28]		1.2	0.99	mg/Kg	8015B
720-14444-17	**SB-26**				
Diesel Range Organics [C10-C28]		270	50	ug/L	8015B

EXECUTIVE SUMMARY - Detections

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-14444-19	**SB-20/PCB-7**				
Benzene		86	8.3	mg/Kg	8260B
Ethylbenzene		54	8.3	mg/Kg	8260B
Toluene		280	8.3	mg/Kg	8260B
Xylenes, Total		280	17	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		5600	410	mg/Kg	8260B
Diesel Range Organics [C10-C28]		390	0.99	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		51	50	mg/Kg	8015B
720-14444-20	**SB-20/PCB-7 DUP**				
Benzene		99	21	mg/Kg	8260B
Ethylbenzene		64	21	mg/Kg	8260B
Toluene		300	21	mg/Kg	8260B
Xylenes, Total		340	41	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		4900	1000	mg/Kg	8260B
Diesel Range Organics [C10-C28]		610	4.9	mg/Kg	8015B
720-14444-21	**SB-19**				
Ethylbenzene		220	12	ug/L	8260B
Xylenes, Total		320	25	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		8200	1200	ug/L	8260B
Diesel Range Organics [C10-C28]		1600	50	ug/L	8015B
720-14444-22	**SB-22**				
Benzene		27000	2500	ug/L	8260B
Ethylbenzene		13000	2500	ug/L	8260B
Toluene		39000	2500	ug/L	8260B
Xylenes, Total		60000	5000	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		870000	250000	ug/L	8260B
Diesel Range Organics [C10-C28]		73000	1000	ug/L	8015B
720-14444-23	**SB-22 DUP**				
Diesel Range Organics [C10-C28]		950000	20000	ug/L	8015B

EXECUTIVE SUMMARY - Detections

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-14444-24	**SB-17 (8.0)**				
Benzene		30	19	mg/Kg	8260B
Ethylbenzene		27	19	mg/Kg	8260B
Toluene		130	19	mg/Kg	8260B
Xylenes, Total		120	38	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		2500	950	mg/Kg	8260B
Diesel Range Organics [C10-C28]		3600	20	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		2900	1000	mg/Kg	8015B
720-14444-25	**SB-17 (10.0)**				
Benzene		140	8.3	mg/Kg	8260B
Ethylbenzene		120	8.3	mg/Kg	8260B
Toluene		580	8.3	mg/Kg	8260B
Xylenes, Total		620	17	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		12000	420	mg/Kg	8260B
Diesel Range Organics [C10-C28]		17000	99	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		13000	5000	mg/Kg	8015B
720-14444-26	**SB-17 (15.0)**				
Gasoline Range Organics (GRO)-C5-C12		64	45	mg/Kg	8260B
Diesel Range Organics [C10-C28]		1400	9.9	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		1300	500	mg/Kg	8015B

METHOD SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge and Trap for Methanol Extractions	TAL SF		SW846 5030B
Closed System Purge & Trap/Laboratory Preservation	TAL SF		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Ultrasonic Extraction	TAL SF		SW846 3550B
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-14444-4	SB-26	Solid	05/21/2008 1025	05/22/2008 1805
720-14444-5	SB-19	Solid	05/21/2008 1140	05/22/2008 1805
720-14444-6	SB-22	Solid	05/21/2008 1130	05/22/2008 1805
720-14444-7	SB-18	Solid	05/21/2008 1340	05/22/2008 1805
720-14444-8	SB-21/PCB-8	Solid	05/21/2008 1510	05/22/2008 1805
720-14444-9	PCB-5	Water	05/21/2008 1500	05/22/2008 1805
720-14444-10	PCB-6	Water	05/21/2008 1530	05/22/2008 1805
720-14444-11	SB-24/PCB-1	Water	05/21/2008 0755	05/22/2008 1805
720-14444-12	SB-25/PCB-2	Water	05/21/2008 1400	05/22/2008 1805
720-14444-13	SB-27/PCB-3	Water	05/21/2008 0845	05/22/2008 1805
720-14444-14	EQ BLANK	Water	05/21/2008 1700	05/22/2008 1805
720-14444-15	SB-25/PCB-2	Water	05/22/2008 0800	05/22/2008 1805
720-14444-16	SB-23	Solid	05/22/2008 0810	05/22/2008 1805
720-14444-17	SB-26	Water	05/22/2008 0845	05/22/2008 1805
720-14444-18	SB-26 DUP	Water	05/22/2008 0845	05/22/2008 1805
720-14444-19	SB-20/PCB-7	Solid	05/22/2008 0930	05/22/2008 1805
720-14444-20	SB-20/PCB-7 DUP	Solid	05/22/2008 0930	05/22/2008 1805
720-14444-21	SB-19	Water	05/22/2008 0930	05/22/2008 1805
720-14444-22	SB-22	Water	05/22/2008 1045	05/22/2008 1805
720-14444-23	SB-22 DUP	Water	05/22/2008 1045	05/22/2008 1805
720-14444-24	SB-17 (8.0)	Solid	05/22/2008 1040	05/22/2008 1805
720-14444-25	SB-17 (10.0)	Solid	05/22/2008 1045	05/22/2008 1805
720-14444-26	SB-17 (15.0)	Solid	05/22/2008 1100	05/22/2008 1805
720-14444-27	SB-17 (20.0)	Solid	05/22/2008 1115	05/22/2008 1805

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-26

Lab Sample ID: 720-14444-4 Date Sampled: 05/21/2008 1025
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36073 Instrument ID: Varian 3900A
Preparation: 5035 Prep Batch: 720-36080 Lab File ID: c:\saturnws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 5.37 g
Date Analyzed: 05/27/2008 2259 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0047
Benzene		ND		0.0047
Toluene		ND		0.0047
Ethylbenzene		ND		0.0047
Xylenes, Total		ND		0.0093
Gasoline Range Organics (GRO)-C5-C12		ND		0.23

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	60 - 140
Toluene-d8 (Surr)	99	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-19

Lab Sample ID: 720-14444-5 Date Sampled: 05/21/2008 1140
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36073 Instrument ID: Varian 3900A
Preparation: 5035 Prep Batch: 720-36080 Lab File ID: c:\saturnws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 5.02 g
Date Analyzed: 05/27/2008 2321 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0050
Benzene		ND		0.0050
Toluene		ND		0.0050
Ethylbenzene		ND		0.0050
Xylenes, Total		ND		0.010
Gasoline Range Organics (GRO)-C5-C12		ND		0.25

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	60 - 140
Toluene-d8 (Surr)	93	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-22

Lab Sample ID: 720-14444-6 Date Sampled: 05/21/2008 1130
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36286 Instrument ID: Varian 3900A
Preparation: 5030B-Medium Prep Batch: 720-36288 Lab File ID: c:\saturnws\data\200806\06
Dilution: 10000 Initial Weight/Volume: 5.31 g
Date Analyzed: 06/02/2008 1740 Final Weight/Volume: 10 mL
Date Prepared: 06/02/2008 1156

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		47
Ethylbenzene		ND		47
Toluene		140		47
Xylenes, Total		190		94
Gasoline Range Organics (GRO)-C5-C12		3200		2400
1,2-Dichloroethane		ND		47

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	128		50 - 130
1,2-Dichloroethane-d4 (Surr)	0	X	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-18

Lab Sample ID: 720-14444-7 Date Sampled: 05/21/2008 1340
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-36309	Instrument ID: Varian 3900E
Preparation:	5030B-Medium	Prep Batch: 720-36314	Lab File ID: c:\varianws\data\200806\06
Dilution:	5000		Initial Weight/Volume: 6.50 g
Date Analyzed:	06/02/2008 1325		Final Weight/Volume: 10 mL
Date Prepared:	06/02/2008 1000		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		41		19
Ethylbenzene		28		19
Toluene		110		19
Xylenes, Total		130		38
Gasoline Range Organics (GRO)-C5-C12		1900		960
1,2-Dichloroethane		ND		19

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	98		50 - 130
1,2-Dichloroethane-d4 (Surr)	17	X	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-21/PCB-8

Lab Sample ID: 720-14444-8
Client Matrix: Solid

Date Sampled: 05/21/2008 1510
Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B-Medium
Dilution: 5000
Date Analyzed: 06/02/2008 1302
Date Prepared: 06/02/2008 1000

Analysis Batch: 720-36309
Prep Batch: 720-36314

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200806\06
Initial Weight/Volume: 6.48 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		40		19
Ethylbenzene		69		19
Toluene		210		19
Xylenes, Total		360		39
Gasoline Range Organics (GRO)-C5-C12		3800		960
1,2-Dichloroethane		ND		19

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	50 - 130
1,2-Dichloroethane-d4 (Surr)	61	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-25/PCB-2

Lab Sample ID: 720-14444-12
Client Matrix: Water

Date Sampled: 05/21/2008 1400
Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/28/2008 0005
Date Prepared: 05/28/2008 0005

Analysis Batch: 720-36134

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	125	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: EQ BLANK

Lab Sample ID: 720-14444-14 Date Sampled: 05/21/2008 1700
Client Matrix: Water Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36134 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/27/2008 1727 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1727

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-23

Lab Sample ID: 720-14444-16 Date Sampled: 05/22/2008 0810
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36285 Instrument ID: Varian 3900A
Preparation: 5035 Prep Batch: 720-36270 Lab File ID: c:\saturnws\data\200806\06
Dilution: 1.0 Initial Weight/Volume: 6.08 g
Date Analyzed: 06/02/2008 1330 Final Weight/Volume: 10 mL
Date Prepared: 06/02/2008 0905

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0041
Benzene		ND		0.0041
Toluene		ND		0.0041
Ethylbenzene		ND		0.0041
Xylenes, Total		ND		0.0082
Gasoline Range Organics (GRO)-C5-C12		ND		0.21

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	60 - 140
Toluene-d8 (Surr)	92	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-26

Lab Sample ID: 720-14444-17 Date Sampled: 05/22/2008 0845
Client Matrix: Water Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36134 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/28/2008 0030 Final Weight/Volume: 10 mL
Date Prepared: 05/28/2008 0030

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	86	77 - 121
1,2-Dichloroethane-d4 (Surr)	117	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-26 DUP

Lab Sample ID: 720-14444-18 Date Sampled: 05/22/2008 0845
Client Matrix: Water Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36134 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 05/28/2008 0053 Final Weight/Volume: 10 mL
Date Prepared: 05/28/2008 0053

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 121
1,2-Dichloroethane-d4 (Surr)	122	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-20/PCB-7

Lab Sample ID: 720-14444-19 Date Sampled: 05/22/2008 0930
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36181 Instrument ID: Varian 3900A
Preparation: 5030B-Medium Prep Batch: 720-36184 Lab File ID: c:\saturnws\data\200806\06
Dilution: 2000 Initial Weight/Volume: 6.03 g
Date Analyzed: 06/03/2008 1131 Final Weight/Volume: 10 mL
Date Prepared: 05/29/2008 0909

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		86		8.3
Ethylbenzene		54		8.3
Toluene		280		8.3
Xylenes, Total		280		17
Gasoline Range Organics (GRO)-C5-C12		5600		410
1,2-Dichloroethane		ND		8.3

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	127	50 - 130
1,2-Dichloroethane-d4 (Surr)	74	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-20/PCB-7 DUP

Lab Sample ID: 720-14444-20 Date Sampled: 05/22/2008 0930
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36309 Instrument ID: Varian 3900E
Preparation: 5030B-Medium Prep Batch: 720-36314 Lab File ID: c:\varianws\data\200806\06
Dilution: 5000 Initial Weight/Volume: 6.07 g
Date Analyzed: 06/02/2008 1238 Final Weight/Volume: 10 mL
Date Prepared: 06/02/2008 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		99		21
Ethylbenzene		64		21
Toluene		300		21
Xylenes, Total		340		41
Gasoline Range Organics (GRO)-C5-C12		4900		1000
1,2-Dichloroethane		ND		21

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	118		50 - 130
1,2-Dichloroethane-d4 (Surr)	14	X	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-19

Lab Sample ID: 720-14444-21 Date Sampled: 05/22/2008 0930
Client Matrix: Water Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36215 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 25 Initial Weight/Volume: 10 mL
Date Analyzed: 05/30/2008 1501 Final Weight/Volume: 10 mL
Date Prepared: 05/30/2008 1501

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		12
Ethylbenzene	220		12
Toluene	ND		12
Xylenes, Total	320		25
Gasoline Range Organics (GRO)-C5-C12	8200		1200
1,2-Dichloroethane	ND		12

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	87	77 - 121
1,2-Dichloroethane-d4 (Surr)	112	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-22

Lab Sample ID: 720-14444-22 Date Sampled: 05/22/2008 1045
Client Matrix: Water Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36215 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 5000 Initial Weight/Volume: 10 mL
Date Analyzed: 05/30/2008 1524 Final Weight/Volume: 10 mL
Date Prepared: 05/30/2008 1524

Analyte	Result (ug/L)	Qualifier	RL
Benzene	27000		2500
Ethylbenzene	13000		2500
Toluene	39000		2500
Xylenes, Total	60000		5000
Gasoline Range Organics (GRO)-C5-C12	870000		250000
1,2-Dichloroethane	ND		2500

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	77 - 121
1,2-Dichloroethane-d4 (Surr)	108	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (8.0)

Lab Sample ID: 720-14444-24 Date Sampled: 05/22/2008 1040
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36309 Instrument ID: Varian 3900E
Preparation: 5030B-Medium Prep Batch: 720-36314 Lab File ID: c:\varianws\data\200806\06
Dilution: 5000 Initial Weight/Volume: 6.58 g
Date Analyzed: 06/02/2008 1214 Final Weight/Volume: 10 mL
Date Prepared: 06/02/2008 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		30		19
Ethylbenzene		27		19
Toluene		130		19
Xylenes, Total		120		38
Gasoline Range Organics (GRO)-C5-C12		2500		950
1,2-Dichloroethane		ND		19

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	118		50 - 130
1,2-Dichloroethane-d4 (Surr)	14	X	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (10.0)

Lab Sample ID: 720-14444-25 Date Sampled: 05/22/2008 1045
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36181 Instrument ID: Varian 3900A
Preparation: 5030B-Medium Prep Batch: 720-36184 Lab File ID: c:\saturnws\data\200805\05
Dilution: 2000 Initial Weight/Volume: 5.99 g
Date Analyzed: 05/30/2008 0301 Final Weight/Volume: 10 mL
Date Prepared: 05/29/2008 0909

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		140		8.3
Ethylbenzene		120		8.3
Toluene		580		8.3
Xylenes, Total		620		17
Gasoline Range Organics (GRO)-C5-C12		12000		420
1,2-Dichloroethane		ND		8.3

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	50 - 130
1,2-Dichloroethane-d4 (Surr)	98	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (15.0)

Lab Sample ID: 720-14444-26 Date Sampled: 05/22/2008 1100
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36309 Instrument ID: Varian 3900E
Preparation: 5030B-Medium Prep Batch: 720-36314 Lab File ID: c:\varianws\data\200806\06
Dilution: 200 Initial Weight/Volume: 5.60 g
Date Analyzed: 06/02/2008 1127 Final Weight/Volume: 10 mL
Date Prepared: 06/02/2008 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.89
Ethylbenzene		ND		0.89
Toluene		ND		0.89
Xylenes, Total		ND		1.8
Gasoline Range Organics (GRO)-C5-C12		64		45
1,2-Dichloroethane		ND		0.89

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	50 - 130
1,2-Dichloroethane-d4 (Surr)	108	60 - 140

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (20.0)

Lab Sample ID: 720-14444-27 Date Sampled: 05/22/2008 1115
Client Matrix: Solid Date Received: 05/22/2008 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36285 Instrument ID: Varian 3900A
Preparation: 5035 Prep Batch: 720-36270 Lab File ID: c:\saturnws\data\200806\06
Dilution: 1.0 Initial Weight/Volume: 5.96 g
Date Analyzed: 06/02/2008 1114 Final Weight/Volume: 10 mL
Date Prepared: 06/02/2008 0905

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0042
Benzene		ND		0.0042
Toluene		ND		0.0042
Ethylbenzene		ND		0.0042
Xylenes, Total		ND		0.0084
Gasoline Range Organics (GRO)-C5-C12		ND		0.21

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	60 - 140
Toluene-d8 (Surr)	93	70 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-26

Lab Sample ID: 720-14444-4 Date Sampled: 05/21/2008 1025
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36157 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-36002 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.28 g
Date Analyzed: 05/29/2008 2115 Final Weight/Volume: 5 mL
Date Prepared: 05/27/2008 0936 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		10		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	87	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-19

Lab Sample ID: 720-14444-5 Date Sampled: 05/21/2008 1140
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/29/2008 2303
Date Prepared: 05/27/2008 0936
Analysis Batch: 720-36157
Prep Batch: 720-36002
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.35 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	85	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-22

Lab Sample ID: 720-14444-6 Date Sampled: 05/21/2008 1130
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36157 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-36002 Lab File ID: N/A
Dilution: 10 Initial Weight/Volume: 30.24 g
Date Analyzed: 05/30/2008 1045 Final Weight/Volume: 5 mL
Date Prepared: 05/27/2008 0936 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1100		9.9
Motor Oil Range Organics [C24-C36]		ND		500

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-18

Lab Sample ID: 720-14444-7
Client Matrix: Solid

Date Sampled: 05/21/2008 1340
Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/29/2008 2356
Date Prepared: 05/27/2008 0936

Analysis Batch: 720-36157
Prep Batch: 720-36002

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.31 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		67		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	83	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-21/PCB-8

Lab Sample ID: 720-14444-8 Date Sampled: 05/21/2008 1510
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36157 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-36002 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.47 g
Date Analyzed: 05/30/2008 0024 Final Weight/Volume: 5 mL
Date Prepared: 05/27/2008 0936 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		250		0.98
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	81	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-24/PCB-1

Lab Sample ID: 720-14444-11 Date Sampled: 05/21/2008 0755
Client Matrix: Water Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/30/2008 0238
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	360		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	72	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-25/PCB-2

Lab Sample ID: 720-14444-15
Client Matrix: Water

Date Sampled: 05/22/2008 0800
Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/30/2008 0305
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	140		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	74	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-23

Lab Sample ID: 720-14444-16 Date Sampled: 05/22/2008 0810
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-36157 Instrument ID: HP DRO5
Preparation: 3550B Prep Batch: 720-36002 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.35 g
Date Analyzed: 05/30/2008 0050 Final Weight/Volume: 5 mL
Date Prepared: 05/27/2008 0936 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.2		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	87	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-26

Lab Sample ID: 720-14444-17 Date Sampled: 05/22/2008 0845
Client Matrix: Water Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/30/2008 1448
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	270		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	86	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-20/PCB-7

Lab Sample ID: 720-14444-19 Date Sampled: 05/22/2008 0930
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/30/2008 0117
Date Prepared: 05/27/2008 0936
Analysis Batch: 720-36157
Prep Batch: 720-36002
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.19 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		390		0.99
Motor Oil Range Organics [C24-C36]		51		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	74	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-20/PCB-7 DUP

Lab Sample ID: 720-14444-20 Date Sampled: 05/22/2008 0930
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 5.0
Date Analyzed: 05/30/2008 1300
Date Prepared: 05/27/2008 0936
Analysis Batch: 720-36157
Prep Batch: 720-36002
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.32 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		610		4.9
Motor Oil Range Organics [C24-C36]		ND		250

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-19

Lab Sample ID: 720-14444-21 Date Sampled: 05/22/2008 0930
Client Matrix: Water Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/30/2008 1421
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	1600		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	76	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-22

Lab Sample ID: 720-14444-22 Date Sampled: 05/22/2008 1045
Client Matrix: Water Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 20
Date Analyzed: 05/30/2008 1354
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	73000		1000
Motor Oil Range Organics [C24-C36]	ND		10000

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-22 DUP

Lab Sample ID: 720-14444-23 Date Sampled: 05/22/2008 1045
Client Matrix: Water Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 200
Date Analyzed: 05/30/2008 1233
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	950000		20000
Motor Oil Range Organics [C24-C36]	ND		200000

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (8.0)

Lab Sample ID: 720-14444-24 Date Sampled: 05/22/2008 1040
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 20
Date Analyzed: 05/30/2008 1139
Date Prepared: 05/27/2008 0936
Analysis Batch: 720-36157
Prep Batch: 720-36002
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.14 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		3600		20
Motor Oil Range Organics [C24-C36]		2900		1000

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (10.0)

Lab Sample ID: 720-14444-25 Date Sampled: 05/22/2008 1045
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 100
Date Analyzed: 05/30/2008 1018
Date Prepared: 05/27/2008 0936
Analysis Batch: 720-36157
Prep Batch: 720-36002
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.28 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		17000		99
Motor Oil Range Organics [C24-C36]		13000		5000

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (15.0)

Lab Sample ID: 720-14444-26
Client Matrix: Solid

Date Sampled: 05/22/2008 1100
Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 10
Date Analyzed: 05/30/2008 1206
Date Prepared: 05/27/2008 0936

Analysis Batch: 720-36157
Prep Batch: 720-36002

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.26 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1400		9.9
Motor Oil Range Organics [C24-C36]		1300		500

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-17 (20.0)

Lab Sample ID: 720-14444-27 Date Sampled: 05/22/2008 1115
Client Matrix: Solid Date Received: 05/22/2008 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/30/2008 1327
Date Prepared: 05/27/2008 0936
Analysis Batch: 720-36157
Prep Batch: 720-36002
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.31 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	89	40 - 119

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-21/PCB-8

Lab Sample ID: 720-14444-8 Date Sampled: 05/21/2008 1510
Client Matrix: Solid Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.21 g
Date Analyzed: 05/28/2008 1846 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	65	46 - 111
DCB Decachlorobiphenyl	82	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: PCB-5

Lab Sample ID: 720-14444-9 Date Sampled: 05/21/2008 1500
Client Matrix: Water Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36153 Instrument ID: Agilent PCB 2
Preparation: 3510C Prep Batch: 720-36048 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 940 mL
Date Analyzed: 05/28/2008 2232 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1900 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.53
PCB-1221	ND		0.53
PCB-1232	ND		0.53
PCB-1242	ND		0.53
PCB-1248	ND		0.53
PCB-1254	ND		0.53
PCB-1260	ND		0.53

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	79	47 - 114
DCB Decachlorobiphenyl	49	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: PCB-6

Lab Sample ID: 720-14444-10 Date Sampled: 05/21/2008 1530
Client Matrix: Water Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36153 Instrument ID: Agilent PCB 2
Preparation: 3510C Prep Batch: 720-36048 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 650 mL
Date Analyzed: 05/28/2008 2253 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1900 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.77
PCB-1221	ND		0.77
PCB-1232	ND		0.77
PCB-1242	ND		0.77
PCB-1248	ND		0.77
PCB-1254	ND		0.77
PCB-1260	ND		0.77

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	85	47 - 114
DCB Decachlorobiphenyl	56	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-25/PCB-2

Lab Sample ID: 720-14444-12
Client Matrix: Water

Date Sampled: 05/21/2008 1400
Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/28/2008 2314
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 630 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.79
PCB-1221	ND		0.79
PCB-1232	ND		0.79
PCB-1242	ND		0.79
PCB-1248	ND		0.79
PCB-1254	ND		0.79
PCB-1260	ND		0.79

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	82	47 - 114
DCB Decachlorobiphenyl	43	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-27/PCB-3

Lab Sample ID: 720-14444-13
Client Matrix: Water

Date Sampled: 05/21/2008 0845
Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/28/2008 2334
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 890 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.56
PCB-1221	ND		0.56
PCB-1232	ND		0.56
PCB-1242	ND		0.56
PCB-1248	ND		0.56
PCB-1254	ND		0.56
PCB-1260	ND		0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	82	47 - 114
DCB Decachlorobiphenyl	55	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: EQ BLANK

Lab Sample ID: 720-14444-14 Date Sampled: 05/21/2008 1700
Client Matrix: Water Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36153 Instrument ID: Agilent PCB 2
Preparation: 3510C Prep Batch: 720-36048 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 690 mL
Date Analyzed: 05/28/2008 2355 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1900 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.72
PCB-1221	ND		0.72
PCB-1232	ND		0.72
PCB-1242	ND		0.72
PCB-1248	ND		0.72
PCB-1254	ND		0.72
PCB-1260	ND		0.72

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	74	47 - 114
DCB Decachlorobiphenyl	57	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-20/PCB-7

Lab Sample ID: 720-14444-19 Date Sampled: 05/22/2008 0930
Client Matrix: Solid Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.13 g
Date Analyzed: 05/28/2008 1906 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	58	46 - 111
DCB Decachlorobiphenyl	69	34 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Client Sample ID: SB-20/PCB-7 DUP

Lab Sample ID: 720-14444-20 Date Sampled: 05/22/2008 0930
Client Matrix: Solid Date Received: 05/22/2008 1805

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 720-36150 Instrument ID: Agilent PCB 2
Preparation: 3550B Prep Batch: 720-36008 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.23 g
Date Analyzed: 05/28/2008 1927 Final Weight/Volume: 10 mL
Date Prepared: 05/27/2008 1119 Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	59	46 - 111
DCB Decachlorobiphenyl	68	34 - 106

DATA REPORTING QUALIFIERS

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Section	Qualifier	Description
GC/MS VOA		
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
GC Semi VOA		
	F	MS or MSD exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-36073					
LCS 720-36080/2-A	Lab Control Spike	T	Solid	8260B	720-36080
LCSD 720-36080/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-36080
MB 720-36080/1-A	Method Blank	T	Solid	8260B	720-36080
720-14444-4	SB-26	T	Solid	8260B	720-36080
720-14444-5	SB-19	T	Solid	8260B	720-36080
720-14474-A-2-D MS	Matrix Spike	T	Solid	8260B	720-36080
720-14474-A-2-E MSD	Matrix Spike Duplicate	T	Solid	8260B	720-36080
Prep Batch: 720-36080					
LCS 720-36080/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-36080/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-36080/1-A	Method Blank	T	Solid	5035	
720-14444-4	SB-26	T	Solid	5035	
720-14444-5	SB-19	T	Solid	5035	
720-14474-A-2-D MS	Matrix Spike	T	Solid	5035	
720-14474-A-2-E MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:720-36134					
LCS 720-36134/2	Lab Control Spike	T	Water	8260B	
LCSD 720-36134/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-36134/3	Method Blank	T	Water	8260B	
720-14416-B-3 MS	Matrix Spike	T	Water	8260B	
720-14416-B-3 MSD	Matrix Spike Duplicate	T	Water	8260B	
720-14444-12	SB-25/PCB-2	T	Water	8260B	
720-14444-14	EQ BLANK	T	Water	8260B	
720-14444-17	SB-26	T	Water	8260B	
720-14444-18	SB-26 DUP	T	Water	8260B	
Analysis Batch:720-36181					
LCS 720-36184/2-A	Lab Control Spike	T	Solid	8260B	720-36184
LCSD 720-36184/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-36184
MB 720-36184/1-A	Method Blank	T	Solid	8260B	720-36184
720-14444-19	SB-20/PCB-7	T	Solid	8260B	720-36184
720-14444-25	SB-17 (10.0)	T	Solid	8260B	720-36184
Prep Batch: 720-36184					
LCS 720-36184/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-36184/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-36184/1-A	Method Blank	T	Solid	5030B	
720-14444-19	SB-20/PCB-7	T	Solid	5030B	
720-14444-25	SB-17 (10.0)	T	Solid	5030B	

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-36215					
LCS 720-36215/2	Lab Control Spike	T	Water	8260B	
LCSD 720-36215/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-36215/3	Method Blank	T	Water	8260B	
720-14444-21	SB-19	T	Water	8260B	
720-14444-22	SB-22	T	Water	8260B	
720-14477-B-1 MS	Matrix Spike	T	Water	8260B	
720-14477-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Prep Batch: 720-36270					
LCS 720-36270/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-36270/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-36270/1-A	Method Blank	T	Solid	5035	
720-14444-16	SB-23	T	Solid	5035	
720-14444-27	SB-17 (20.0)	T	Solid	5035	
Analysis Batch:720-36285					
LCS 720-36270/2-A	Lab Control Spike	T	Solid	8260B	720-36270
LCSD 720-36270/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-36270
MB 720-36270/1-A	Method Blank	T	Solid	8260B	720-36270
720-14444-16	SB-23	T	Solid	8260B	720-36270
720-14444-27	SB-17 (20.0)	T	Solid	8260B	720-36270
Analysis Batch:720-36286					
LCS 720-36288/2-A	Lab Control Spike	T	Solid	8260B	720-36288
LCSD 720-36288/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-36288
MB 720-36288/1-A	Method Blank	T	Solid	8260B	720-36288
720-14444-6	SB-22	T	Solid	8260B	720-36288
Prep Batch: 720-36288					
LCS 720-36288/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-36288/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-36288/1-A	Method Blank	T	Solid	5030B	
720-14444-6	SB-22	T	Solid	5030B	
Analysis Batch:720-36309					
LCS 720-36314/2-A	Lab Control Spike	T	Solid	8260B	720-36314
LCSD 720-36314/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-36314
MB 720-36314/1-A	Method Blank	T	Solid	8260B	720-36314
720-14444-7	SB-18	T	Solid	8260B	720-36314
720-14444-8	SB-21/PCB-8	T	Solid	8260B	720-36314
720-14444-20	SB-20/PCB-7 DUP	T	Solid	8260B	720-36314
720-14444-24	SB-17 (8.0)	T	Solid	8260B	720-36314
720-14444-26	SB-17 (15.0)	T	Solid	8260B	720-36314

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 720-36314					
LCS 720-36314/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-36314/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-36314/1-A	Method Blank	T	Solid	5030B	
720-14444-7	SB-18	T	Solid	5030B	
720-14444-8	SB-21/PCB-8	T	Solid	5030B	
720-14444-20	SB-20/PCB-7 DUP	T	Solid	5030B	
720-14444-24	SB-17 (8.0)	T	Solid	5030B	
720-14444-26	SB-17 (15.0)	T	Solid	5030B	

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-35979					
LCS 720-35979/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-35979/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-35979/1-A	Method Blank	T	Water	3510C	
720-14444-11	SB-24/PCB-1	T	Water	3510C	
720-14444-15	SB-25/PCB-2	T	Water	3510C	
720-14444-17	SB-26	T	Water	3510C	
720-14444-21	SB-19	T	Water	3510C	
720-14444-22	SB-22	T	Water	3510C	
720-14444-23	SB-22 DUP	T	Water	3510C	
Prep Batch: 720-36002					
LCS 720-36002/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-36002/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-36002/1-A	Method Blank	T	Solid	3550B	
720-14444-4	SB-26	T	Solid	3550B	
720-14444-4MS	Matrix Spike	T	Solid	3550B	
720-14444-4MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-14444-5	SB-19	T	Solid	3550B	
720-14444-6	SB-22	T	Solid	3550B	
720-14444-7	SB-18	T	Solid	3550B	
720-14444-8	SB-21/PCB-8	T	Solid	3550B	
720-14444-16	SB-23	T	Solid	3550B	
720-14444-19	SB-20/PCB-7	T	Solid	3550B	
720-14444-20	SB-20/PCB-7 DUP	T	Solid	3550B	
720-14444-24	SB-17 (8.0)	T	Solid	3550B	
720-14444-25	SB-17 (10.0)	T	Solid	3550B	
720-14444-26	SB-17 (15.0)	T	Solid	3550B	
720-14444-27	SB-17 (20.0)	T	Solid	3550B	
Prep Batch: 720-36008					
LCS 720-36008/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-36008/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-36008/1-A	Method Blank	T	Solid	3550B	
720-14423-A-5-B MS	Matrix Spike	T	Solid	3550B	
720-14423-A-5-C MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-14444-8	SB-21/PCB-8	T	Solid	3550B	
720-14444-19	SB-20/PCB-7	T	Solid	3550B	
720-14444-20	SB-20/PCB-7 DUP	T	Solid	3550B	

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-36048					
LCS 720-36048/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-36048/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-36048/1-A	Method Blank	T	Water	3510C	
720-14444-9	PCB-5	T	Water	3510C	
720-14444-10	PCB-6	T	Water	3510C	
720-14444-12	SB-25/PCB-2	T	Water	3510C	
720-14444-13	SB-27/PCB-3	T	Water	3510C	
720-14444-14	EQ BLANK	T	Water	3510C	
Analysis Batch:720-36150					
LCS 720-36008/2-A	Lab Control Spike	T	Solid	8082	720-36008
LCSD 720-36008/3-A	Lab Control Spike Duplicate	T	Solid	8082	720-36008
MB 720-36008/1-A	Method Blank	T	Solid	8082	720-36008
720-14423-A-5-B MS	Matrix Spike	T	Solid	8082	720-36008
720-14423-A-5-C MSD	Matrix Spike Duplicate	T	Solid	8082	720-36008
720-14444-8	SB-21/PCB-8	T	Solid	8082	720-36008
720-14444-19	SB-20/PCB-7	T	Solid	8082	720-36008
720-14444-20	SB-20/PCB-7 DUP	T	Solid	8082	720-36008
Analysis Batch:720-36153					
LCS 720-36048/2-A	Lab Control Spike	T	Water	8082	720-36048
LCSD 720-36048/3-A	Lab Control Spike Duplicate	T	Water	8082	720-36048
MB 720-36048/1-A	Method Blank	T	Water	8082	720-36048
720-14444-9	PCB-5	T	Water	8082	720-36048
720-14444-10	PCB-6	T	Water	8082	720-36048
720-14444-12	SB-25/PCB-2	T	Water	8082	720-36048
720-14444-13	SB-27/PCB-3	T	Water	8082	720-36048
720-14444-14	EQ BLANK	T	Water	8082	720-36048

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:720-36157					
LCS 720-36002/2-A	Lab Control Spike	T	Solid	8015B	720-36002
LCSD 720-36002/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-36002
MB 720-36002/1-A	Method Blank	T	Solid	8015B	720-36002
720-14444-4	SB-26	T	Solid	8015B	720-36002
720-14444-4MS	Matrix Spike	T	Solid	8015B	720-36002
720-14444-4MSD	Matrix Spike Duplicate	T	Solid	8015B	720-36002
720-14444-5	SB-19	T	Solid	8015B	720-36002
720-14444-6	SB-22	T	Solid	8015B	720-36002
720-14444-7	SB-18	T	Solid	8015B	720-36002
720-14444-8	SB-21/PCB-8	T	Solid	8015B	720-36002
720-14444-16	SB-23	T	Solid	8015B	720-36002
720-14444-19	SB-20/PCB-7	T	Solid	8015B	720-36002
720-14444-20	SB-20/PCB-7 DUP	T	Solid	8015B	720-36002
720-14444-24	SB-17 (8.0)	T	Solid	8015B	720-36002
720-14444-25	SB-17 (10.0)	T	Solid	8015B	720-36002
720-14444-26	SB-17 (15.0)	T	Solid	8015B	720-36002
720-14444-27	SB-17 (20.0)	T	Solid	8015B	720-36002
Analysis Batch:720-36212					
LCS 720-35979/2-A	Lab Control Spike	T	Water	8015B	720-35979
LCSD 720-35979/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-35979
MB 720-35979/1-A	Method Blank	T	Water	8015B	720-35979
720-14444-11	SB-24/PCB-1	T	Water	8015B	720-35979
720-14444-15	SB-25/PCB-2	T	Water	8015B	720-35979
720-14444-17	SB-26	T	Water	8015B	720-35979
720-14444-21	SB-19	T	Water	8015B	720-35979
720-14444-22	SB-22	T	Water	8015B	720-35979
720-14444-23	SB-22 DUP	T	Water	8015B	720-35979

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36080

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 720-36080/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/27/2008 1551
Date Prepared: 05/27/2008 0800

Analysis Batch: 720-36073
Prep Batch: 720-36080
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200805\05
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
1,2-Dichloroethane	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	70 - 130
1,2-Dichloroethane-d4 (Surr)	85	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36080

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 720-36080/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/27/2008 1623
Date Prepared: 05/27/2008 0800

Analysis Batch: 720-36073
Prep Batch: 720-36080
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200805\0
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36080/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/27/2008 1646
Date Prepared: 05/27/2008 0800

Analysis Batch: 720-36073
Prep Batch: 720-36080
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200805\052
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	88	89	70 - 123	1	20		
Toluene	97	100	81 - 128	3	20		
Gasoline Range Organics (GRO)-C5-C12	71	74	51 - 97	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	86	86	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36080

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	720-14474-A-2-D MS	Analysis Batch: 720-36073	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: 720-36080	Lab File ID: c:\saturnws\data\200805\(
Dilution:	1.0		Initial Weight/Volume: 5.34 g
Date Analyzed:	05/28/2008 0029		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 0800		

MSD Lab Sample ID:	720-14474-A-2-E MSD	Analysis Batch: 720-36073	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: 720-36080	Lab File ID: c:\saturnws\data\200805\05
Dilution:	1.0		Initial Weight/Volume: 5.11 g
Date Analyzed:	05/28/2008 0052		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 0800		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	87	86	70 - 123	3	20		
Toluene	95	92	81 - 128	1	20		
Gasoline Range Organics (GRO)-C5-C12	72	68	51 - 97	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	91	70 - 130
1,2-Dichloroethane-d4 (Surr)	96	82	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36134

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36134/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1534
Date Prepared: 05/27/2008 1534

Analysis Batch: 720-36134
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36134

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36134/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1607
Date Prepared: 05/27/2008 1607

Analysis Batch: 720-36134
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36134/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1630
Date Prepared: 05/27/2008 1630

Analysis Batch: 720-36134
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\052
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	95	88	64 - 140	8	20		
Toluene	93	93	52 - 120	0	20		
Gasoline Range Organics (GRO)-C5-C12	77	71	40 - 145	8	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	102	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	100	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36134

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-14416-B-3 MS	Analysis Batch: 720-36134	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/27/2008 2034		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 2034		

MSD Lab Sample ID:	720-14416-B-3 MSD	Analysis Batch: 720-36134	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\05
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/27/2008 2057		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 2057		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	78	72	64 - 140	7	20		
Toluene	88	92	52 - 120	5	20		
Gasoline Range Organics (GRO)-C5-C12	77	73	40 - 145	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	101	77 - 121
1,2-Dichloroethane-d4 (Surr)	92	99	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36184

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36184/1-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 05/29/2008 1411
Date Prepared: 05/29/2008 0909

Analysis Batch: 720-36181
Prep Batch: 720-36184
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200805\05
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
MTBE	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	86	50 - 130
1,2-Dichloroethane-d4 (Surr)	78	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36184

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36184/2-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 05/29/2008 1434
Date Prepared: 05/29/2008 0909

Analysis Batch: 720-36181
Prep Batch: 720-36184
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200805\0
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36184/3-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 05/29/2008 1457
Date Prepared: 05/29/2008 0909

Analysis Batch: 720-36181
Prep Batch: 720-36184
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200805\052
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	95	90	69 - 129	6	20		
MTBE	96	91	65 - 165	6	20		
Toluene	101	100	70 - 130	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	85	87	50 - 130
1,2-Dichloroethane-d4 (Surr)	81	81	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36215

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36215/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 0939
Date Prepared: 05/30/2008 0939

Analysis Batch: 720-36215
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 121
1,2-Dichloroethane-d4 (Surr)	104	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36215

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36215/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1011
Date Prepared: 05/30/2008 1011

Analysis Batch: 720-36215
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36215/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1034
Date Prepared: 05/30/2008 1034

Analysis Batch: 720-36215
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\053
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	81	81	64 - 140	0	20		
Toluene	97	86	52 - 120	12	20		
Gasoline Range Organics (GRO)-C5-C12	64	62	40 - 145	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	114	99	77 - 121
1,2-Dichloroethane-d4 (Surr)	104	105	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36215

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-14477-B-1 MS	Analysis Batch: 720-36215	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/30/2008 1811		Final Weight/Volume: 10 mL
Date Prepared:	05/30/2008 1811		

MSD Lab Sample ID:	720-14477-B-1 MSD	Analysis Batch: 720-36215	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\05
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/30/2008 1836		Final Weight/Volume: 10 mL
Date Prepared:	05/30/2008 1836		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	97	84	64 - 140	14	20		
Toluene	108	75	52 - 120	36	20		F
Gasoline Range Organics (GRO)-C5-C12	73	69	40 - 145	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	118	83	77 - 121
1,2-Dichloroethane-d4 (Surr)	89	115	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36270

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 720-36270/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/02/2008 0931
Date Prepared: 06/02/2008 0905

Analysis Batch: 720-36285
Prep Batch: 720-36270
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200806\06
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
1,2-Dichloroethane	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	88	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36270

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 720-36270/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/02/2008 0953
Date Prepared: 06/02/2008 0905

Analysis Batch: 720-36285
Prep Batch: 720-36270
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200806\0
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36270/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/02/2008 1016
Date Prepared: 06/02/2008 0905

Analysis Batch: 720-36285
Prep Batch: 720-36270
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200806\060
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	92	91	70 - 123	0	20		
Toluene	103	98	81 - 128	5	20		
Gasoline Range Organics (GRO)-C5-C12	72	69	51 - 97	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	88	82	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36288

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36288/1-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 06/02/2008 1438
Date Prepared: 06/02/2008 1156

Analysis Batch: 720-36286
Prep Batch: 720-36288
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200806\06
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	50 - 130
1,2-Dichloroethane-d4 (Surr)	107	60 - 140

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36288

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36288/2-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 06/02/2008 1501
Date Prepared: 06/02/2008 1156

Analysis Batch: 720-36286
Prep Batch: 720-36288
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200806\06
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36288/3-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 06/02/2008 1524
Date Prepared: 06/02/2008 1156

Analysis Batch: 720-36286
Prep Batch: 720-36288
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200806\060
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	93	91	69 - 129	3	20		
Toluene	104	102	70 - 130	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	102	103	50 - 130
1,2-Dichloroethane-d4 (Surr)	91	101	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36314

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36314/1-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 06/02/2008 1017
Date Prepared: 06/02/2008 1000

Analysis Batch: 720-36309
Prep Batch: 720-36314
Units: mg/Kg

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200806\06
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
MTBE	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	70 - 130
1,2-Dichloroethane-d4 (Surr)	100	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36314

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36314/2-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 06/02/2008 1041
Date Prepared: 06/02/2008 1000

Analysis Batch: 720-36309
Prep Batch: 720-36314
Units: mg/Kg

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200806\0
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36314/3-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 06/02/2008 1104
Date Prepared: 06/02/2008 1000

Analysis Batch: 720-36309
Prep Batch: 720-36314
Units: mg/Kg

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200806\060
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	103	94	70 - 123	9	20		
MTBE	104	97	69 - 133	7	20		
Toluene	96	103	81 - 128	6	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	108	120	70 - 130
1,2-Dichloroethane-d4 (Surr)	118	108	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-35979

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-35979/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 0425
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	90	50 - 150

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-35979

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-35979/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 0331
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-35979/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 0358
Date Prepared: 05/23/2008 1803

Analysis Batch: 720-36212
Prep Batch: 720-35979
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	72	71	50 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	85	85	50 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36002

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-36002/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 1901
Date Prepared: 05/27/2008 0936

Analysis Batch: 720-36157
Prep Batch: 720-36002
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.21 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99
Motor Oil Range Organics [C24-C36]	ND		50

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	92	40 - 119

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36002

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-36002/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 1807
Date Prepared: 05/27/2008 0936

Analysis Batch: 720-36157
Prep Batch: 720-36002
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-36002/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 1834
Date Prepared: 05/27/2008 0936

Analysis Batch: 720-36157
Prep Batch: 720-36002
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.26 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	98	98	50 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	91	91	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36002

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	720-14444-4	Analysis Batch: 720-36157	Instrument ID: HP DRO5
Client Matrix:	Solid	Prep Batch: 720-36002	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.21 g
Date Analyzed:	05/29/2008 2142		Final Weight/Volume: 5 mL
Date Prepared:	05/27/2008 0936		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	720-14444-4	Analysis Batch: 720-36157	Instrument ID: HP DRO5
Client Matrix:	Solid	Prep Batch: 720-36002	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.12 g
Date Analyzed:	05/29/2008 2209		Final Weight/Volume: 5 mL
Date Prepared:	05/27/2008 0936		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	149	194	50 - 130	23	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
p-Terphenyl	79	78	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36008

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 720-36008/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/28/2008 1520
Date Prepared: 05/27/2008 1119

Analysis Batch: 720-36150
Prep Batch: 720-36008
Units: ug/Kg

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		50
PCB-1221	ND		50
PCB-1232	ND		50
PCB-1242	ND		50
PCB-1248	ND		50
PCB-1254	ND		50
PCB-1260	ND		50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	88	46 - 111
DCB Decachlorobiphenyl	81	34 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36008

Method: 8082
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-36008/2-A	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0	Units: ug/Kg	Initial Weight/Volume: 30.34 g
Date Analyzed:	05/28/2008 1540		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY

LCSD Lab Sample ID:	LCSD 720-36008/3-A	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0	Units: ug/Kg	Initial Weight/Volume: 30.32 g
Date Analyzed:	05/28/2008 1601		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	101	103	66 - 116	1	21		
PCB-1260	91	93	57 - 110	2	24		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	95	97	46 - 111
DCB Decachlorobiphenyl	92	93	34 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36008

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	720-14423-A-5-B MS	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.31 g
Date Analyzed:	05/28/2008 1948		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY
MSD Lab Sample ID:	720-14423-A-5-C MSD	Analysis Batch: 720-36150	Instrument ID: Agilent PCB 2
Client Matrix:	Solid	Prep Batch: 720-36008	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.18 g
Date Analyzed:	05/28/2008 2008		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1119		Injection Volume: 1.0 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	96	90	25 - 147	7	38		
PCB-1260	85	82	14 - 145	3	48		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	83	89	46 - 111
DCB Decachlorobiphenyl	86	87	34 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Method Blank - Batch: 720-36048

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 720-36048/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 2131
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		0.50
PCB-1221	ND		0.50
PCB-1232	ND		0.50
PCB-1242	ND		0.50
PCB-1248	ND		0.50
PCB-1254	ND		0.50
PCB-1260	ND		0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	80	47 - 114
DCB Decachlorobiphenyl	85	17 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36048

Method: 8082
Preparation: 3510C

LCS Lab Sample ID: LCS 720-36048/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 2151
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-36048/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 2212
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	89	93	68 - 134	4	22		
PCB-1260	85	90	60 - 133	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	77	81	47 - 114
DCB Decachlorobiphenyl	91	94	17 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

110862

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

120-14444 Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Binayak Acharya	Site Contact: Joseph Plummer	Date: 5/21/08	COC No:
Environmental Cost Management Inc. (ECM)	Tel/Fax: (661) 255-1693	Lab Contact: Dimple Sharma	Carrier:	1 of 3 COCs
660 Baker Street Suite 253	Analysis Turnaround Time			Job No.
Costa Mesa, CA 92626	Calendar (C) or Work Days (W): C			
(714) 662-2759 Phone	TAT if different from Below ____			SDG No.
(714) 662-2758 FAX	☐ 2 weeks			
Project Name: Nestle	☒ 1 week			
Site: Oakland, CA	☐ 2 days			
P O # Soil Borings	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Pres.	Matrix	# of Cont.	Filtered Sample	BTEX	TPH - Gas	1,2 - DCA	TPH - Diesel	TPH - Motor Oil	PCB's	Sample Specific Notes:
1.	PCB-4	5/21/08	0725	N/A	S	1							X	
2.	PCB-5	"	0840	"	"	1							X	
3.	PCB-6	"	0925	"	"	1							X	
4.	SB-26	"	1025	"	"	4		X	X	X	X	X		
5.	SB-19	"	1140	"	"	4		X	X	X	X	X		
6.	SB-22	"	1130	"	"	4		X	X	X	X	X		
7.	SB-18	"	1340	"	↓	4		X	X	X	X	X		
8.	SB-21/PCB-8	"	1510	"	S	4		X	X	X	X	X	X	
9.	PCB-5	"	1500	V	W	1							X	
10.	PCB-6	"	1530	N/A	"	1							X	
11.	SB-24/PCB-1	V	0755	HCl	V	4					X	X		
12.	SB-25/PCB-2	5/21/08	1400	HCl/N/A	W	4		X	X	X			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

1220

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Joseph Plummer	ECM	5/22/08		TestAmerica	5/22/08 1220
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TestAmerica	5/22/08 1805		TestAmerica	5/22/08 1805
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Temp. 4.8 °C

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-14444

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

110862

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Binayak Acharya	Site Contact: Joseph Plummer	Date: 5/21/08	COC No:
Environmental Cost Management Inc. (ECM)	Tel/Fax: (661) 255-1693	Lab Contact: Dimple Sharma	Carrier:	2 of 3 COCs
660 Baker Street Suite 253	Analysis Turnaround Time			Job No.
Costa Mesa, CA 92626	Calendar (C) or Work Days (W): C			
(714) 662-2759 Phone	TAT if different from Below _____			SDG No.
(714) 662-2758 FAX	☐ 2 weeks			
Project Name: Nestle	☒ 1 week			
Site: Oakland, CA	☐ 2 days			
P O # Soil Borings	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Pres.	Matrix	# of Cont.	Filtered Sample	BTEX	TPH - Gas	1,2 - DCA	TPH - Diesel	TPH - Motor Oil	PCB's	Sample Specific Notes:
13	SB-27 / PCB-3	5/21/08	0845	N/A	W	1							X	
14	EQ Blank	5/21/08	1700	HCl/NA	W	4		X	X	X			X	
15	SB-25 / PCB-2	5/22/08	0800	HCl	W	1					X	X		
16	SB-23	5/22/08	0810	NA	S	4		X	X	X	X	X		
17	SB-26	5/22/08	0845	HCL/NA	W	4		X	X	X	X	X		
18	SB-26 DUP	5/22/08	0845	HCL	W	3		X	X	X				
19	SB-20/PCB-7	5/22/08	0930	NA	S	4		X	X	X	X	X	X	
20	SB-20/PCB-7 Dup	5/22/08	0930	NA	S	4		X	X	X	X	X	X	
21	SB-19	5/22/08	0930	HCL/NA	W	4		X	X	X	X	X		
22	SB-22	5/22/08	1045	HCL/NA	W	4		X	X	X	X	X		
23	SB-22 DUP	5/22/08	1045	HCL	W	1					X	X		
24	SB-17 (8.0')	5/22/08	1040	NA	S	4		X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

1220

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Joseph Plummer	ECM	5/22/08		TestAmerica	5/22/08 1220
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TestAmerica	5/22/08 1805		TestAmerica	5/22/08 1805
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

110862

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Chain of Custody Record

120-14444

Client Contact	Project Manager: Binayak Acharya	Site Contact: Joseph Plummer	Date: 5/22/08	COC No:
Environmental Cost Management Inc. (ECM)	Tel/Fax: (661) 255-1693	Lab Contact: Dimple Sharma	Carrier:	3 of 3 COCs
660 Baker Street Suite 253	Analysis Turnaround Time			Job No.
Costa Mesa, CA 92626	Calendar (C) or Work Days (W): C			
(714) 662-2759 Phone	TAT if different from Below ____			SDG No.
(714) 662-2758 FAX	☐ 2 weeks			
Project Name: Nestle	☒ 1 week			
Site: Oakland, CA	☐ 2 days			
P O # Soil Borings	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Pres.	Matrix	# of Cont.	Filtered Sample	BTEX	TPH - Gas	1,2 - DCA	TPH - Diesel	TPH - Motor Oil	PCB's	Sample Specific Notes:
25	SB-17 (10.0')	5/22/08	1045	NA	S	4		X	X	X	X	X		
26	SB-17 (15.0')	5/22/08	1100	NA	S	4		X	X	X	X	X		
27	SB-17 (20.0')	5/22/08	1115	NA	S	4		X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

1220

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Joseph Plummer	ECM	5/22/08		TestAmerica	5/22/08 1220
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TestAmerica	5/22/08 1805		TestAmerica	5/22/08 1805
Relinquished by:	Company:	Date/Time:	Received by:	Company	Date/Time:

Login Sample Receipt Check List

Client: Environmental Cost Management, Inc. Job Number: 720-14444-1

Login Number: 14444 **List Source: TestAmerica San Francisco**
Creator: Bullock, Tracy
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-14467-1

Job Description: Nestle-Oakland

For:
Environmental Cost Management, Inc.
660 Baker St.
Ste. # 253
Costa Mesa, CA 92626

Attention: Mr. Binayak Acharya

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
06/05/2008

cc: Ms. Tiffany O Looff
Mr. Brian McAloon
Mr. Brad Miller

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-14467-1	**SB-20/PCB-7**				
Benzene		41000	250	ug/L	8260B
Ethylbenzene		3000	250	ug/L	8260B
Toluene		30000	250	ug/L	8260B
Xylenes, Total		14000	500	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		170000	25000	ug/L	8260B
1,2-Dichloroethane		930	250	ug/L	8260B
Diesel Range Organics [C10-C28]		47000	500	ug/L	8015B
720-14467-2	**SB-18**				
Benzene		50000	500	ug/L	8260B
Ethylbenzene		2300	50	ug/L	8260B
Toluene		46000	500	ug/L	8260B
Xylenes, Total		13000	100	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		190000	5000	ug/L	8260B
1,2-Dichloroethane		2200	500	ug/L	8260B
Diesel Range Organics [C10-C28]		23000	250	ug/L	8015B
720-14467-3	**SB-17**				
Benzene		12000	100	ug/L	8260B
Ethylbenzene		3200	100	ug/L	8260B
Toluene		17000	100	ug/L	8260B
Xylenes, Total		16000	200	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		120000	10000	ug/L	8260B
Diesel Range Organics [C10-C28]		560000	5000	ug/L	8015B
Motor Oil Range Organics [C24-C36]		410000	50000	ug/L	8015B
720-14467-6	**SB-21/PCB 7**				
Benzene		12000	250	ug/L	8260B
Ethylbenzene		2600	250	ug/L	8260B
Toluene		20000	250	ug/L	8260B
Xylenes, Total		9600	500	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		110000	25000	ug/L	8260B
Diesel Range Organics [C10-C28]		3500	50	ug/L	8015B

METHOD SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-14467-1	SB-20/PCB-7	Water	05/22/2008 1320	05/23/2008 1645
720-14467-2	SB-18	Water	05/22/2008 1430	05/23/2008 1645
720-14467-3	SB-17	Water	05/22/2008 1526	05/23/2008 1645
720-14467-4EB	EQ BLANK	Water	05/22/2008 1615	05/23/2008 1645
720-14467-5TB	TB:050808	Water	05/23/2008 1620	05/23/2008 1645
720-14467-6	SB-21/PCB 7	Water	05/23/2008 0814	05/23/2008 1645

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-20/PCB-7

Lab Sample ID: 720-14467-1
Client Matrix: Water

Date Sampled: 05/22/2008 1320
Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 500
Date Analyzed: 05/30/2008 1738
Date Prepared: 05/30/2008 1738

Analysis Batch: 720-36253

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200805\05
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	41000		250
Ethylbenzene	3000		250
Toluene	30000		250
Xylenes, Total	14000		500
Gasoline Range Organics (GRO)-C5-C12	170000		25000
1,2-Dichloroethane	930		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 121
1,2-Dichloroethane-d4 (Surr)	95	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-18

Lab Sample ID: 720-14467-2 Date Sampled: 05/22/2008 1430
Client Matrix: Water Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36170 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200805\05
Dilution: 100 Initial Weight/Volume: 10 mL
Date Analyzed: 05/28/2008 2037 Final Weight/Volume: 10 mL
Date Prepared: 05/28/2008 2037

Analyte	Result (ug/L)	Qualifier	RL
Ethylbenzene	2300		50
Xylenes, Total	13000		100
Gasoline Range Organics (GRO)-C5-C12	190000		5000

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-18

Lab Sample ID: 720-14467-2 Date Sampled: 05/22/2008 1430
Client Matrix: Water Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36253 Instrument ID: Varian 3900C
Preparation: 5030B Lab File ID: c:\saturnws\data\200805\05
Dilution: 1000 Initial Weight/Volume: 40 mL
Date Analyzed: 05/30/2008 1320 Final Weight/Volume: 40 mL
Date Prepared: 05/30/2008 1320

Analyte	Result (ug/L)	Qualifier	RL
Benzene	50000		500
Toluene	46000		500
1,2-Dichloroethane	2200		500

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	88	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-17

Lab Sample ID: 720-14467-3 Date Sampled: 05/22/2008 1526
Client Matrix: Water Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-36253 Instrument ID: Varian 3900C
Preparation: 5030B Lab File ID: c:\saturnws\data\200805\05
Dilution: 200 Initial Weight/Volume: 40 mL
Date Analyzed: 05/30/2008 1228 Final Weight/Volume: 40 mL
Date Prepared: 05/30/2008 1228

Analyte	Result (ug/L)	Qualifier	RL
Benzene	12000		100
Ethylbenzene	3200		100
Toluene	17000		100
Xylenes, Total	16000		200
Gasoline Range Organics (GRO)-C5-C12	120000		10000
1,2-Dichloroethane	ND		100

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 121
1,2-Dichloroethane-d4 (Surr)	105	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: EQ BLANK

Lab Sample ID: 720-14467-4EB
Client Matrix: Water

Date Sampled: 05/22/2008 1615
Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/28/2008 1928
Date Prepared: 05/28/2008 1928

Analysis Batch: 720-36170

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	84	77 - 121
1,2-Dichloroethane-d4 (Surr)	115	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: TB:050808

Lab Sample ID: 720-14467-5TB
Client Matrix: Water

Date Sampled: 05/23/2008 1620
Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/28/2008 1338
Date Prepared: 05/28/2008 1338

Analysis Batch: 720-36170

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 121
1,2-Dichloroethane-d4 (Surr)	111	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-21/PCB 7

Lab Sample ID: 720-14467-6
Client Matrix: Water

Date Sampled: 05/23/2008 0814
Date Received: 05/23/2008 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 500
Date Analyzed: 05/30/2008 1804
Date Prepared: 05/30/2008 1804

Analysis Batch: 720-36253

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200805\05
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	12000		250
Ethylbenzene	2600		250
Toluene	20000		250
Xylenes, Total	9600		500
Gasoline Range Organics (GRO)-C5-C12	110000		25000
1,2-Dichloroethane	ND		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 121
1,2-Dichloroethane-d4 (Surr)	108	73 - 130

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-20/PCB-7

Lab Sample ID: 720-14467-1 Date Sampled: 05/22/2008 1320
Client Matrix: Water Date Received: 05/23/2008 1645

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 10
Date Analyzed: 06/02/2008 0930
Date Prepared: 05/27/2008 1247

Analysis Batch: 720-36249
Prep Batch: 720-36016

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	47000		500
Motor Oil Range Organics [C24-C36]	ND		5000

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-18

Lab Sample ID: 720-14467-2 Date Sampled: 05/22/2008 1430
Client Matrix: Water Date Received: 05/23/2008 1645

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 5.0
Date Analyzed: 06/02/2008 0957
Date Prepared: 05/27/2008 1247
Analysis Batch: 720-36249
Prep Batch: 720-36016
Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	23000		250
Motor Oil Range Organics [C24-C36]	ND		2500

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-17

Lab Sample ID: 720-14467-3 Date Sampled: 05/22/2008 1526
Client Matrix: Water Date Received: 05/23/2008 1645

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 100
Date Analyzed: 05/30/2008 1636
Date Prepared: 05/27/2008 1247

Analysis Batch: 720-36249
Prep Batch: 720-36016

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	560000		5000
Motor Oil Range Organics [C24-C36]	410000		50000

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-21/PCB 7

Lab Sample ID: 720-14467-6
Client Matrix: Water

Date Sampled: 05/23/2008 0814
Date Received: 05/23/2008 1645

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/31/2008 0016
Date Prepared: 05/27/2008 1247

Analysis Batch: 720-36249
Prep Batch: 720-36016

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	3500		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	65	50 - 150

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-20/PCB-7

Lab Sample ID: 720-14467-1
Client Matrix: Water

Date Sampled: 05/22/2008 1320
Date Received: 05/23/2008 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/29/2008 0015
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 840 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.60
PCB-1221	ND		0.60
PCB-1232	ND		0.60
PCB-1242	ND		0.60
PCB-1248	ND		0.60
PCB-1254	ND		0.60
PCB-1260	ND		0.60

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	55	47 - 114
DCB Decachlorobiphenyl	43	17 - 106

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Client Sample ID: SB-21/PCB 7

Lab Sample ID: 720-14467-6
Client Matrix: Water

Date Sampled: 05/23/2008 0814
Date Received: 05/23/2008 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/29/2008 0036
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 900 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
PCB-1016	ND		0.56
PCB-1221	ND		0.56
PCB-1232	ND		0.56
PCB-1242	ND		0.56
PCB-1248	ND		0.56
PCB-1254	ND		0.56
PCB-1260	ND		0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	70	47 - 114
DCB Decachlorobiphenyl	35	17 - 106

DATA REPORTING QUALIFIERS

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Lab Section	Qualifier	Description
GC Semi VOA		
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-36170					
LCS 720-36170/2	Lab Control Spike	T	Water	8260B	
LCSD 720-36170/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-36170/3	Method Blank	T	Water	8260B	
720-14455-B-1 MS	Matrix Spike	T	Water	8260B	
720-14455-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
720-14467-2	SB-18	T	Water	8260B	
720-14467-4EB	EQ BLANK	T	Water	8260B	
720-14467-5TB	TB:050808	T	Water	8260B	
Analysis Batch:720-36253					
LCS 720-36253/2	Lab Control Spike	T	Water	8260B	
LCSD 720-36253/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-36253/3	Method Blank	T	Water	8260B	
720-14414-B-7 MS	Matrix Spike	T	Water	8260B	
720-14414-C-7 MSD	Matrix Spike Duplicate	T	Water	8260B	
720-14467-1	SB-20/PCB-7	T	Water	8260B	
720-14467-2	SB-18	T	Water	8260B	
720-14467-3	SB-17	T	Water	8260B	
720-14467-6	SB-21/PCB 7	T	Water	8260B	

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-36016					
LCS 720-36016/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-36016/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-36016/1-A	Method Blank	T	Water	3510C	
720-14467-1	SB-20/PCB-7	T	Water	3510C	
720-14467-2	SB-18	T	Water	3510C	
720-14467-3	SB-17	T	Water	3510C	
720-14467-6	SB-21/PCB 7	T	Water	3510C	
Prep Batch: 720-36048					
LCS 720-36048/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-36048/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-36048/1-A	Method Blank	T	Water	3510C	
720-14467-1	SB-20/PCB-7	T	Water	3510C	
720-14467-6	SB-21/PCB 7	T	Water	3510C	
Analysis Batch:720-36153					
LCS 720-36048/2-A	Lab Control Spike	T	Water	8082	720-36048
LCSD 720-36048/3-A	Lab Control Spike Duplicate	T	Water	8082	720-36048
MB 720-36048/1-A	Method Blank	T	Water	8082	720-36048
720-14467-1	SB-20/PCB-7	T	Water	8082	720-36048
720-14467-6	SB-21/PCB 7	T	Water	8082	720-36048
Analysis Batch:720-36249					
LCS 720-36016/2-A	Lab Control Spike	T	Water	8015B	720-36016
LCSD 720-36016/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-36016
MB 720-36016/1-A	Method Blank	T	Water	8015B	720-36016
720-14467-1	SB-20/PCB-7	T	Water	8015B	720-36016
720-14467-2	SB-18	T	Water	8015B	720-36016
720-14467-3	SB-17	T	Water	8015B	720-36016
720-14467-6	SB-21/PCB 7	T	Water	8015B	720-36016

Report Basis
T = Total

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Method Blank - Batch: 720-36170

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36170/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1113
Date Prepared: 05/28/2008 1113

Analysis Batch: 720-36170
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 121
1,2-Dichloroethane-d4 (Surr)	108	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36170

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36170/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1147
Date Prepared: 05/28/2008 1147

Analysis Batch: 720-36170
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\05
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-36170/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1210
Date Prepared: 05/28/2008 1210

Analysis Batch: 720-36170
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200805\052
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	75	83	64 - 140	9	20		
MTBE	108	91	44 - 134	17	20		
Toluene	79	96	52 - 120	19	20		
Gasoline Range Organics (GRO)-C5-C12	85	80	40 - 145	6	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	85	103	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	98	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36170

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-14455-B-1 MS	Analysis Batch: 720-36170	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/28/2008 1600		Final Weight/Volume: 10 mL
Date Prepared:	05/28/2008 1600		

MSD Lab Sample ID:	720-14455-B-1 MSD	Analysis Batch: 720-36170	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200805\05
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/28/2008 1623		Final Weight/Volume: 10 mL
Date Prepared:	05/28/2008 1623		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	88	94	64 - 140	6	20		
MTBE	95	92	44 - 134	3	20		
Toluene	87	98	52 - 120	12	20		
Gasoline Range Organics (GRO)-C5-C12	60	62	40 - 145	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	99	116	77 - 121
1,2-Dichloroethane-d4 (Surr)	107	107	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Method Blank - Batch: 720-36253

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-36253/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 0933
Date Prepared: 05/30/2008 0933

Analysis Batch: 720-36253
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200805\05
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
1,2-Dichloroethane	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	77 - 121
1,2-Dichloroethane-d4 (Surr)	99	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36253

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-36253/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1007
Date Prepared: 05/30/2008 1007

Analysis Batch: 720-36253
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200805\0
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-36253/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1033
Date Prepared: 05/30/2008 1033

Analysis Batch: 720-36253
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200805\053
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	85	92	64 - 140	8	20		
MTBE	96	97	44 - 134	1	20		
Toluene	95	100	52 - 120	6	20		
Gasoline Range Organics (GRO)-C5-C12	57	59	40 - 145	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	93	77 - 121
1,2-Dichloroethane-d4 (Surr)	99	105	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-36253

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-14414-B-7 MS	Analysis Batch: 720-36253	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200805\(
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	05/30/2008 1503		Final Weight/Volume: 40 mL
Date Prepared:	05/30/2008 1503		

MSD Lab Sample ID:	720-14414-C-7 MSD	Analysis Batch: 720-36253	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200805\05
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	05/30/2008 1529		Final Weight/Volume: 40 mL
Date Prepared:	05/30/2008 1529		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	88	83	64 - 140	5	20		
MTBE	119	115	44 - 134	4	20		
Toluene	112	112	52 - 120	0	20		
Gasoline Range Organics (GRO)-C5-C12	73	69	40 - 145	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	95	94	77 - 121
1,2-Dichloroethane-d4 (Surr)	83	109	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Method Blank - Batch: 720-36016

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-36016/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/31/2008 0258
Date Prepared: 05/27/2008 1247

Analysis Batch: 720-36249
Prep Batch: 720-36016
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	83	50 - 150

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36016

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-36016/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/31/2008 0204
Date Prepared: 05/27/2008 1247

Analysis Batch: 720-36249
Prep Batch: 720-36016
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-36016/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/31/2008 0231
Date Prepared: 05/27/2008 1247

Analysis Batch: 720-36249
Prep Batch: 720-36016
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	85	76	50 - 130	12	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	82	83	50 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Method Blank - Batch: 720-36048

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 720-36048/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 2131
Date Prepared: 05/27/2008 1900

Analysis Batch: 720-36153
Prep Batch: 720-36048
Units: ug/L

Instrument ID: Agilent PCB 2
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		0.50
PCB-1221	ND		0.50
PCB-1232	ND		0.50
PCB-1242	ND		0.50
PCB-1248	ND		0.50
PCB-1254	ND		0.50
PCB-1260	ND		0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	80	47 - 114
DCB Decachlorobiphenyl	85	17 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-36048

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 720-36048/2-A	Analysis Batch: 720-36153	Instrument ID: Agilent PCB 2
Client Matrix:	Water	Prep Batch: 720-36048	Lab File ID: N/A
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	05/28/2008 2151		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1900		Injection Volume: 1.0 uL
			Column ID: PRIMARY

LCSD Lab Sample ID:	LCSD 720-36048/3-A	Analysis Batch: 720-36153	Instrument ID: Agilent PCB 2
Client Matrix:	Water	Prep Batch: 720-36048	Lab File ID: N/A
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	05/28/2008 2212		Final Weight/Volume: 10 mL
Date Prepared:	05/27/2008 1900		Injection Volume: 1.0 uL
			Column ID: PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	89	93	68 - 134	4	22		
PCB-1260	85	90	60 - 133	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	77	81	47 - 114
DCB Decachlorobiphenyl	91	94	17 - 106

Calculations are performed before rounding to avoid round-off errors in calculated results.

110881

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-14467

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Binayak Acharya	Site Contact: Joseph Plummer	Date: 5/22/08	COC No:
Environmental Cost Management Inc. (ECM)	Tel/Fax: (661) 255-1693	Lab Contact: Dimple Sharma	Carrier:	1 of 1 COCs
660 Baker Street Suite 253	Analysis Turnaround Time			Job No.
Costa Mesa, CA 92626	Calendar (C) or Work Days (W): C			
(714) 662-2759 Phone	TAT if different from Below ____			SDG No.
(714) 662-2758 FAX	☐ 2 weeks			
Project Name: Nestle	☒ 1 week			
Site: Oakland, CA	☐ 2 days			
P O # Soil Borings	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Pres.	Matrix	# of Cont.	Filtered Sample	BTEX	TPH - Gas	1,2 - DCA	TPH - Diesel	TPH - Motor Oil	PCB's	Sample Specific Notes:
1.	SB-20/PCB-7	5/22/08	1320	NA HCl	W	5		X	X	X	X	X	X	
2.	SB-18	5/22/08	1430	HCl	W	4		X	X	X	X	X		
→	~~SB-22/PCB~~													
3.	SB-17	5/22/08	1526	HCl	W	4		X	X	X	X	X		
4.	EQBLNK	5/22/08	1615	HCl	W	3		X	X	X				
5.	TB: 050808	5/22/08	1620	HCl	W	4		X	X	X				
6.	~~SB-21/PCB7~~	5/23/08	0815	none	W	1							X	
X	SB-21/PCB7	5/23/08	0814	HCl	W	4		X	X	X	X	X		
TB 5/23														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Temp 1.0 °C

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	ECM	5/23/08 1420	Received by:	TAL	5/23/08 1420
Relinquished by:	TAL +645	5/23/08	Received by:	TAL	5/23/08 1645
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Check List

Client: Environmental Cost Management, Inc. Job Number: 720-14467-1

Login Number: 14467 **List Source: TestAmerica San Francisco**
Creator: Bullock, Tracy
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Appendix D: Alameda County Public Works Agency Drilling Permit

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 05/05/2008 By jamesy

Permit Numbers: W2008-0238
Permits Valid from 05/19/2008 to 05/22/2008

Application Id: 1209777564956 **City of Project Site:** Oakland
Site Location: Former Carnation Diary Facility
1310 14th Street
Oakland, CA 94607
Project Start Date: 05/19/2008 **Completion Date:** 05/22/2008
Requested Inspection: 05/22/2008
Scheduled Inspection: 05/22/2008 at 2:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Applicant:	ECM, Inc. - Brent Searcy 660 Baker St. #253, Costa Mesa, CA 92626	**Phone:** 714-662-2759
Property Owner:	Mark Hall (Encinal 14th Street, LLC) 1655 Olympic Blvd., Suite 250, Walnut Creek, CA 94596	**Phone:** 925-933-4000
Client:	Desso Desso (Nestle USA) 800 North Brand Blvd., Glendale, CA 91203	**Phone:** 818-549-6000
Contact:	Brent Searcy	**Phone:** 510-433-0669 **Cell:** 510-710-3835

Total Due: $200.00
Receipt Number: WR2008-0148 **Total Amount Paid:** $200.00
Payer Name : Brent Searcy Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 15 Boreholes
Driller: TEG - Northern - Lic #: 706568 - Method: DP **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0238	05/05/2008	08/17/2008	15	2.00 in.	30.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County.

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460
Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460
Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000
Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland**, **Alameda**,**Piedmont**, **Emeryville**, **Albany**, **San Leandro**, **San Lorenzo**, **Castro Valley**, and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (*Horizontal hillside dewatering and dewatering for construction period only), shall cost $300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects
Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **James Yoo at 510-670-6633** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:
A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars).

To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors. The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices. If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement
Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis
Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website (www.acgov.org/pwa/wells/index.shtml) for links to additional forms.