GROUNDWATER MONITORING REPORT
OAKLAND BUS TERMINAL
2103 SAN PABLO AVENUE
OAKLAND, CALIFORNIA 94608

Green Star Environmental Report No. 11-1379

Report Prepared For:

FirstGroup America, Inc.
600 Vine Street
Cincinnati, OH 45202

July 5, 2011

Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California

Having reviewed the attached Groundwater Monitoring Event Report, being familiar with the project to which it relates, and understanding the guidelines of the San Francisco Bay Regional Water Quality Control Board, I hereby certify that the attached Groundwater Monitoring Event Report, dated July 5, 2011, has been prepared and the related activities were conducted in accordance with the required standards.

05 JULY 2011

DATE

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2103 San Pablo Avenue
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I declare, under penalty of perjury, that the information and/or recommendations contained in the attached Groundwater Monitoring Event Report are true and correct to the best of my knowledge.

7-5-11

DATE

Todd Bachand
Environmental Manager
FirstGroup America, Inc.
600 Vine Street
Cincinnati, OH 45202

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1.0 INTRODUCTION

Green Star Environmental (Green Star) has been retained by Greyhound Lines, Inc. (Greyhound) to manage environmental issues related to the Greyhound Lines Terminal located at 2103 San Pablo Avenue, Oakland, California ("Site"; Fuel Leak Case No. RO0000074 and Geotracker Global ID T0600100666). At the request of Alameda County Environmental Health (ACEH) in their letter dated April 13, 2010, a groundwater monitoring event was conducted at the Site on February 8 and 9, 2011 to document groundwater impacts related to the project. This report documents the details related to the groundwater monitoring event. Table 1 presents a summary of previous environmental reports for the Site.

1.1 Background Information

Six, out-of-service underground storage tanks (USTs) were removed from the Site in 1989. The USTs were reportedly out of use for at least two decades prior to their removal. Subsurface investigations between 1989 and 1997 indicated that a relatively small area of impact to soil and groundwater of petroleum hydrocarbons was present at the Site. Tables 2b and 3b present cumulative summaries of groundwater data. Table 4 presents a cumulative summary of soil analytical results. A Site Location/USGS Topographic Map is presented as Figure 1. Site details are illustrated in Figure 2.

A remediation system was operated from 1992 to 1997 to recover phase-separated hydrocarbons (PSH) and dissolved-phase impacts in groundwater utilizing, total fluids recovery pumps in four, four-inch diameter wells (ES-1, ES-5, BC-1 and ES-2). The recovered fluids were treated with an oil/water separator and activated carbon absorption columns prior to discharge to the sanitary sewer. Data indicate that the system was effective as PSH greater than 0.1-foot has not been detected since 1995. PSH was last detected at the Site in October 1997 in well ES-1.

On April 8, 2009, the well network was surveyed to mean sea level (msl) elevation and latitude and longitude using the North American Vertical Datum 1988 (NAVD88) and North American Datum 1983 (NAD83) coordinate systems by a California licensed surveyor.

1.2 Geology and Hydrogeology

According to the United States Geological Survey (USGS), the Site is underlain by unconsolidated Quaternary-aged sediments generally associated with beach and dune formations. Lake Merritt is the nearest surface water body at approximately 0.50-mile east-southeast from the Site. The Oakland Inner Harbor is located approximately 1.1 miles south-southwest of the Site. Groundwater in the area is utilized for limited irrigation and industrial purposes. The City of Oakland obtains its municipal and drinking water from the East Bay Municipal Utility District (EBMUD). EBMUD imports this water from the surface waters of the Sierra Nevada Mountain Range, located approximately 200 miles east of the Site.

Historically, shallow groundwater at the Site has ranged from approximately 12 to 22 feet below surface grade (approximately 3.6 to 9.7 feet above msl) while the groundwater flow direction at the Site has typically been in a radial pattern (ranging from west-southwest to the northwest). Current shallow groundwater data is detailed below in Section 2.1.

2.0 GROUNDWATER MONITORING AND ANALYSIS

A groundwater monitoring event utilizing the network of 13 wells at the Site was conducted on February 8 and 9, 2011. Historically, the well network at the Site has been comprised of 14 monitoring wells, but, in September 2008, well ES-10 was found to have been covered by pavement comprising Castro Street. Green Star obtained the necessary traffic control permits from the City of Oakland to access monitoring wells ES-8 and ES-9 which are located in Castro Street.

2.1 Groundwater Level Monitoring

Total depths, depths to groundwater, and the potential presence of phase-separated hydrocarbons (PSH) were measured in each well using a Keck® interface probe on February 8, 2011 except for well BC-1 which was measured on February 9, 2011 due to the well being obstructed by a bus undergoing maintenance. Table 2a presents a summary of groundwater gauging data from the February 2011 event while Table 2b presents a cumulative summary of groundwater gauging data. Copies of the groundwater sampling records documenting the gauging data from the event are presented as Appendix C.

PSH was not detected in February 2011 and has not been detected since October 1997. Groundwater elevations in the wells gauged ranged from 8.44 feet above msl in well ES-9 to 8.73 feet above msl in well ES-8. The groundwater flow direction was across the Site from the east-southeast to the west-northwest, except in the vicinity of well ES-8, while the calculated hydraulic gradient was approximately 0.002 ft/ft. Well ES-8 has historically exhibited the lowest groundwater elevation at the Site, but in February 2011 had the highest groundwater elevation. As the depth to water in well ES-8 was confirmed with a second measurement, this may be an indication that nearby water and/or sewer lines are leaking near ES-8. The groundwater gradient on February 8, 2011 is presented as Figure 3. Cumulative graphs of groundwater elevations and PSH thicknesses are presented as Appendix B.

2.2 Groundwater Sample Collection

Groundwater samples were collected by low-flow methods with a peristaltic pump and polyethylene discharge tubing dedicated to each well. Groundwater chemistry parameters (temperature, pH, oxidation-reduction potential, and specific conductance) were monitored during purging activities in order to confirm that the collected groundwater samples were representative of the surrounding aquifer using an YSI 556 parameter meter and flow through cell. The purging process continued until parameters stabilized for three consecutive readings to within EPA specified margins. The acceptable ranges are ± 0.1 standard units for pH, ± 3% for conductivity, and ± 10 mV for oxidation-reduction potential.

Groundwater samples were collected from 12 monitor wells (BC-1, BC-3, ES-1 through ES-9, and ES-11). BC-2 was not sampled due to its close proximity to BC-3. Each well was sampled for total petroleum hydrocarbons-gasoline, diesel, and oil ranges (TPH-g, TPH-d, and TPH-o, respectively), benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), tert-amyl methyl ether (TAME), diisopropyl ether (DIPE), 1,2-dichloroethane (EDC), 1,2-dibromoethane (EDB), tertiary butyl alcohol (TBA), and ethanol.

Groundwater samples collected for TPH-d and TPH-o analysis were transferred into

laboratory-provided, 1-liter amber glass bottles preserved with hydrochloric acid (HCl). Samples collected for TPH-g, BTEX, naphthalene, MTBE, ETBE, TAME, EDC, EDB, TBA, and ethanol analyses were transferred into laboratory-provided, 40-milliter (mL) glass vials preserved with HCl. A laboratory prepared trip blank of distilled water in 40-mL vials was included with the ice chest and transported to the laboratory with the samples. The collected groundwater samples were labeled, stored in ice-cooled chests, and logged on the appropriate chain-of-custody form.

2.3 Analytical Methodology

Collected groundwater samples were analyzed for TPH-d and TPH-o via EPA Method 8015 modified as well as for TPH-g, BTEX, naphthalene, MTBE, ETBE, TAME, DIPE, EDC, EDB, TBA, and ethanol via EPA Method 8260 at McCampbell Analytical, Inc. in Pittsburg, California, a California certified laboratory. Analytical reports for the event are presented in Appendix A.

2.4 Groundwater Analytical Results

Analytes have been differentiated into three groups for discussion purposes: BTEX, TPH, and miscellaneous petroleum hydrocarbons (naphthalene, MTBE, ETBE, TAME, DIPE EDC, EDB, TBA and ethanol). Table 3a presents a summary of groundwater analytical data from the February 2011 event while Table 3b presents a cumulative summary of groundwater analytical data.

2.4.1 BTEX Constituents

Analytical results from the groundwater event indicated concentrations of at least one dissolved-phase BTEX constituent was present in each well, except for ES-6, ES-7, and ES-9. Benzene was present in nine wells and ranged from 0.00044 mg/L in well BC-3 to 1.00 mg/L in well ES-2. Toluene was present in seven wells and ranged from 0.00058 mg/L in well ES-4 to 0.180 mg/L in well ES-5. Ethylbenzene was present in eight wells and ranged from 0.00026 mg/L in well ES-11 to 0.400 mg/L in well ES-5. Xylenes were present in seven wells and ranged from 0.00097 mg/L in well ES-4 to 0.400 mg/L in well ES-3. Dissolved-phase benzene in groundwater is illustrated as Figure 4.

2.4.2 TPH Constituents

Analytical results from the groundwater event indicated concentrations of at least one TPH constituent were present in each well, except for wells BC-3, ES-6, ES-7, ES-9, and ES-11. TPH-g was present in seven wells and ranged from 0.220 mg/L in well ES-4 to 9.70 mg/L in well ES-5. TPH-d was present in seven wells and ranged from 0.091 mg/L in well ES-8 to 2.20 mg/L in well ES-5. TPH-o was present in one well (ES-2) at a concentration of 0.500 mg/L. Concentrations of dissolved-phase TPH-g and TPH-d in groundwater are illustrated as Figures 5 and 6, respectively.

2.4.3 Miscellaneous Petroleum Hydrocarbons

The only miscellaneous petroleum hydrocarbons detected above laboratory detection limits were naphthalene and DIPE. Naphthalene was present in seven wells and ranged from 0.00027 mg/L in well ES-11 to 0.180 mg/L in ES-3. DIPE was present in nine wells and ranged from 0.00037 mg/L in ES-6 to 1.20 mg/L in ES-8. MTBE, ETBE, TAME, EDB, EDC, TBA, and ethanol were not detected above laboratory detection limits.

2.4.4 Comparison of Chemicals of Concern to Regulatory Thresholds

Each of the detected constituents (benzene, toluene, ethylbenzene, xylenes, naphthalene, TPH-g, TPH-d, and TPH-o) except DIPE exceeded their respective San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screen Levels (ESLs) for non-drinking water resources. Benzene exceeded its non-ingestion-specific ESL of 0.046 mg/L in four wells (ES-1, ES-2, ES-3, and ES-5). Toluene exceeded its non-ingestion-specific ESL of 0.130 mg/L only in well ES-5. Ethylbenzene exceeded its non-ingestion-specific ESL of 0.043 mg/L in three wells (ES-1, ES-3, and ES-5). Xylenes exceeded its non-ingestion-specific ESL of 0.100 mg/L in three wells (ES-2, ES-3, and ES-5). Naphthalene exceeded its non-ingestion-specific ESL of 0.024 mg/L in three wells (ES-1, ES-3, and ES-5). TPH-g exceeded its ESL of 0.210 mg/L in seven wells (BC-1, ES-1 through ES-5, and ES-8). TPH-d exceeded its ESL of 0.210 mg/L in five wells (BC-1, ES-1, ES-2, ES-3, and ES-5). TPH-o exceeded its ESL of 0.210 mg/L only in well ES-2. No other detected analytes exceeded an established non-ingestion-specific ESL, as applicable. It should be noted that no constituent exceeding a non-ingestion-specific groundwater threshold exceeded their respective commercial vapor intrusion based threshold.

2.5 Equipment Decontamination Procedures

Non-disposable or non-dedicated downhole equipment was decontaminated before and after each use with a solution of Alconox™ soap and distilled water and then rinsed with distilled water. Polyethylene tubing dedicated to each well was used to purge and sample the wells.

2.6 Field-Derived Waste

Purged groundwater and decontamination fluids were containerized in appropriately labeled, DOT-approved, 55-gallon drums that were sealed and temporarily stored on-site pending characterization and off-site disposal.

3.0 SUMMARY AND CONCLUSIONS

This Groundwater Monitoring Report documents groundwater monitoring activities conducted in July 2010. The following is a summary of the report.

- Six out-of-service USTs were removed from the Site in 1989. The USTs were reportedly out of use for at least two decades prior to their removal. Subsurface investigations between 1989 and 1997 indicated that a relatively small area of impacts to soil and groundwater of petroleum hydrocarbons is present at the Site. A remediation system was operated from 1992 to 1997 to recover PSH and dissolved-phase impacts in groundwater utilizing, total fluids recovery pumps in four, four-inch diameter wells (ES-1, ES-5, BC-1 and ES-2). Data indicate that the system was effective as PSH greater than 0.1-foot has not been detected since 1995. PSH was last detected at the Site in October 1997 in well ES-1.

- Currently, the well network at the Site is comprised of 13 monitoring wells. In February 2011, total depths, depths to groundwater, and the presence of PSH were measured in each well. Twelve wells were sampled for BTEX, TPH and miscellaneous petroleum hydrocarbons. BC-2 was not sampled due to its close proximity to BC-3.

- PSH was not detected in February 2011. Groundwater elevations in the wells gauged ranged from 8.44 feet above msl in well ES-9 to 8.73 feet above msl in well ES-8. The groundwater flow direction was across the Site from the east-southeast to the west-northwest, except in the vicinity of well ES-8, while the calculated hydraulic gradient was approximately 0.002 ft/ft. Well ES-8 has historically exhibited the lowest groundwater elevation at the Site, but in July 2010 had the highest groundwater elevation. As the depth to water in well ES-8 was confirmed with a second measurement, this may be an indication that water and/or sewer lines are leaking near ES-8.

- Analytical results from the groundwater event indicated concentrations of BTEX, TPH-g, TPH-d, TPH-o, naphthalene, and DIPE were detected. BTEX and DIPE were detected in nine wells. Naphthalene was detected in seven wells. At least one TPH constituent was detected in seven wells. MTBE, ETBE, TAME, EDB, TBA, and ethanol were not detected.

- Analytical results indicated that benzene, toluene, ethylbenzene, xylenes, naphthalene, and TPH (all ranges) were detected above the non-ingestion-specific RWQCB ESL for each constituent. No constituent exceeding a non-ingestion-specific threshold exceeded their respective commercial vapor intrusion based threshold.

4.0 QUALIFICATIONS

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions or recommendations made by others based on the records review, site inspection, field exploration, and laboratory test data presented in this report.

It should be noted that all environmental assessments are inherently limited because they are developed from limited research and site investigation. Subsurface conditions investigated as part of these kinds of investigations may differ from conditions observed on the surface or indicated in written reports. It is also important to note that the conditions observed at the project site and surrounding properties are limited to the day of the site visit and may change with the passage of time.

LIST OF TABLES

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Reference No.	Document Date	Type	Title	Author	Description
1	6/22/1989	Report	Phase I Investigation	Brown and Caldwell	Report determined that six USTs were present at the Site. Based on analytical testing of residual liquids in the USTs and soil samples, the USTs appeared to contain diesel, gasoline and water and at least some release has occurred to the subsurface. Groundwater was encountered at approximately 22 ft bgs, but was not sampled. Wells BC-1, BC-2, and BC-3 were found to be installed by 1992, but were not documented by this report.
2	7/21/1989	Letter	Report of Soil Contamination	Greyhound Lines, Vernon Sorgee PE	Reported release of diesel and/or gasoline from six, out of service USTs.
3	1/27/1992	Report	Preliminary Site Investigation Report	Engineering-Science, Inc.	The six USTs were reportedly unused for approximately 20 years. The six USTs were removed after the 1989 investigation. In November 1991, Engineering-Science, Inc. installed five monitoring wells (ES-1 through ES-5) and performed groundwater monitoring and a storm drain inspection. PSH was detected in wells BC-1 and ES-5. In soil, TPH-d was detected in only one sample from ES-5 while TEX was present samples from ES-1, ES-2, and ES-5. In groundwater, BTEX was present in ES-1, ES-2, ES-3 and ES-5 while TPH-d was present only in ES-5. Wells BC-1, BC-2 and BC-3 were not sampled. No evidence of impacts were observed in the inspected storm drains.
4	7/13/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Monthly monitoring report of water levels and PSH. PSH was detected in four of the monitoring wells.
5	8/5/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells. Quarterly groundwater sampling was performed.
6	8/19/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
7	10/1/1992	Letter	Hydrocarbon Recovery System Installation/ Monitoring	Engineering-Science, Inc.	Summarizes the proposed remediation system that is to be installed. Documents system monitoring and groundwater monitoring procedures which include monthly and quarterly reports.
8	10/6/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
9	11/11/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells. Quarterly groundwater sampling was performed.
10	12/15/1992	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells. The hydrocarbon recovery system was installed in November 1992.
11	12/15/1992	Report	Tank Closure Documentation	Engineering-Science, Inc.	The six USTs were removed in April 1990. As no documentation of the tank removal was available on the San Francisco Bay Region of the California RWQCB's fuel leak list, this report was created to document the removal. The report contains tank disposal records, records of soil disposal, analytical results of samples collected during the tank/soil removal, laboratory reports including quality control/quality assurances, and chain-of-custody documentation in order to provide the proper tank closure documentation requested by ACEH. No release determination samples were collected as part of the removal operation.
12	12/18/1992	Report	Hydrocarbon Recovery System Installation	Engineering-Science, Inc.	A remediation system was installed in November 1992 to recover PSH utilizing pneumatic, total fluids pumps in four, four-inch ID diameter recovery wells (30 ft. deep; ES-1, ES-5, BC-1 and ES-2). The recovered fluids were treated with an oil/water separator and activated carbon absorption columns prior to discharge to the sanitary sewer. Weekly system maintenance checks were performed during the initial start-up and first eight weeks of operation.

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Reference No.	Document Date	Type	Title	Author	Description
13	1/11/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
14	1/31/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Quarterly monitoring report. PSH was detected in four of the wells. Quarterly groundwater sampling was performed.
15	3/8/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly monitoring report. PSH was detected in three of the wells. Quarterly groundwater sampling was performed.
16	3/8/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
17	4/2/1993	Report	Supplemental Site Assessment Investigation Work Plan	Engineering-Science, Inc.	A workplan was created to further define the lateral and vertical extent of soil and groundwater contamination. Specific remedial actions for mitigating the contamination will also be assessed. Proposed work includes installation of six to eight soil borings which will be converted to groundwater monitoring wells.
18	4/13/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
19	5/11/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in three of the monitoring wells. Quarterly groundwater sampling was performed.
20	6/15/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
21	7/29/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
22	8/12/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in two of the monitoring wells.
23	8/30/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in two of the monitoring wells.
24	10/1/1993	Report	Preliminary Risk Evaluation	Engineering-Science, Inc.	The risk assessment includes an evaluation of potential contaminant exposure pathways, existing contaminant levels and distribution, chemical characteristics, and site-specific factors such as soil permeability, and local land and water uses. For this assessment, the site was divided into two regions: the former Tank Pit area (source area) and the region surrounding the source area (perimeter). Concentrations of contaminants in groundwater within the source area exceed criteria derived to protect both human health and the environment. None of the chemicals detected in the groundwater within the perimeter were found to exceed the criteria used, indicating that the recovery system is preventing migration of contaminants from the source area. Concentrations of BTEX in soils did not exceed calculated risk-based preliminary remediation goals in either the source area or the perimeter sample locations. TPH was detected in soils in the source area, but risk-based PRGs could not be derived for these contaminants because USEPA-derived toxicity values are not available. It was concluded that a more detailed quantitative risk assessment was not needed.
25	10/15/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
26	11/16/1993	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in four of the monitoring wells. Quarterly groundwater sampling was performed.

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Reference No.	Document Date	Type	Title	Author	Description
27	11/18/1993	Report	Supplemental Site Assessment	Engineering-Science, Inc.	Documented the installation of six soil borings/wells (ES-6 through ES-11) and groundwater monitoring event. No impacts were detected in the soil samples. ES-11 was the only newly installed monitoring well with detectable concentrations of BTEX. While PSH was not detected, the continued operation of the groundwater recovery system on-site and continued groundwater monitoring was recommended. Groundwater impacts were limited to wells near the former USTs and ES-11.
28	12/15/1993	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
29	1/13/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
30	2/26/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in three of the monitoring wells. Quarterly groundwater sampling was performed.
31	3/18/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
32	4/11/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
33	5/18/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in four of the monitoring wells. Quarterly groundwater sampling was performed.
34	6/1/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
35	7/8/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in three of the monitoring wells.
36	9/1/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
37	9/7/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not recorded due to equipment theft. Quarterly groundwater sampling was performed.
38	9/28/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in four of the monitoring wells.
39	10/31/1994	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected in one of the monitoring wells. Quarterly groundwater sampling was performed.
40	12/15/1994	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected in two of the monitoring wells. The last report in which PSH was detected greater than 0.1-foot.
41	1/23/1995	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.
42	2/14/1995	Report	Quarterly Status Report	Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
43	2/23/1995	Letter	Monthly Monitoring Report	Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in two of the monitoring wells.
44	3/23/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.

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Reference No.	Document Date	Type	Title	Author	Description
45	5/19/1995	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
46	7/6/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in three of the monitoring wells.
47	7/7/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.
48	8/8/1995	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
49	9/25/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in two of the monitoring wells.
50	10/17/1995	Letter	Monthly Monitoring Report	Parsons Engineering-Science, Inc.	Continued monthly monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells.
51	12/5/1995	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
52	2/26/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed.
53	5/2/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
54	8/9/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
55	11/26/1996	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
56	2/18/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
57	5/23/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed.
58	9/15/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was not detected in any of the monitoring wells. Quarterly groundwater sampling was performed. Product had not been recovered since September 1994 and to date 1,015 gallons of free product had been recovered. In addition, 82,610 gallons of groundwater had been treated and discharged to the sanitary sewer.
59	11/25/1997	Report	Quarterly Status Report	Parsons Engineering-Science, Inc.	Continued quarterly groundwater monitoring report. PSH was detected at less than 0.1-foot in one of the monitoring wells. Quarterly groundwater sampling was performed. The recovery system was deactivated in January 1997.
60	6/14/2000	Report	Case Closure Checklist, Leaking Underground Storage Tank Program	Central Valley Regional Water Quality Control Board	Case closure checklist, site location map, water well driller's reports, analytical summary (monitoring wells: 07/08/92-10/07/97), site plan, soil analytical data map, groundwater analytical data map.

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Reference No.	Document Date	Type	Title	Author	Description
61	6/15/2000	Report	Risk Management Plan	Parsons Engineering Science, Inc.	Includes stipulations and restrictions that must be followed in order to comply with all requirements of the Risk Management Plan as specified by the ACEH, CASE closure checklist, site location map, analytical summary (monitoring wells: 07/08/92-10/07/97), site plan, soil analytical data map, and groundwater analytical data map.
62	6/15/2000	Report	Final Closure Request	Parsons Engineering Science, Inc.	Reviews site history and existing conditions (in 12/97, the groundwater monitoring program was terminated with ACEH and RWQCB's approval). Requested No Further Action (NFA) as: none of the 384 wells located in Section 26 are used for municipal water supply, Lake Merrit is located approximately 1,700 feet east of the site and is the nearest surface water body, regional groundwater flow is to the south-southwest, no soil remediation was required at the site, a total fluid recovery system was used between 01/93 through 02/97 to remove PSH discovered in four onsite wells (ES-1, ES-2, ES-5, and BC-1), PSH was completely removed and dissolved constituents were reduced to levels of diminishing returns, factors limiting potential adverse impacts include the limited horizontal and vertical extent of the dissolved hydrocarbon plume and the removal of PSH from the vicinity of of the former UST locations, and absence of potable drinking wells or reservoirs within a one-mile radius. Conclusions from the Preliminary Risk Evaluation and Tier II Benzene assessment indicated the lack of any significant health or environmental threats to current or future users of the site under currentuse conditions. It was recommended that a NFA status be granted for the site with a deed restriction and Risk Management Plan in place.
63	11/12/2008	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in September 2008 utilizing 13 wells. PSH was not detected. Benzene, toluene, and naphthalene exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded Cal EPA ESLs. The majority of the groundwater impacts remained on-site.
64	5/12/2009	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in April 2009 utilizing 13 wells. PSH was not detected. Benzene, toluene, naphthalene, and EDB exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
65	7/1/2009	Report	Site Conceptual Model	Green Star Environmental	The Site Conceptual Model evaluated known data for the project. No known exposures appear to be occuring and the majority of the groundwater impacts have remained on-site. No downgradient receptors appear to be at risk. A Workplan to confirm current soil impacts was submitted to ACEH.
66	9/28/2009	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in April 2009 utilizing 13 wells. PSH was not detected. Benzene, toluene, naphthalene, EDB, and EDC exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
67	12/11/2009	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in October 2009 utilizing 13 wells. PSH was not detected. Benzene, toluene, naphthalene, and EDC exceeded City of Oakland RBSLs. TPH-g and TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
68	9/23/2010	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in July 2010 utilizing 13 wells. PSH was not detected. Benzene, toluene, ethylbenzene, xylenes, naphthalene, and EDC exceeded City of Oakland RBSLs. TPH-g, TPH-d, and TPH-o exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.

ACEH = Alameda County Environmental Health RWQCB = Regional Water Quality Control Board

Table 2a - Summary of Groundwater Level Measurements (February 2011)
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Screened Interval (feet bgs)	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-1	02/09/11	unknown	24.41	--	15.88	--	29.56	8.53
BC-2[2]	02/08/11	unknown	24.37	--	15.55	--	19.85	na
BC-3[2]	02/08/11	unknown	24.42	--	15.92	--	20.15	na
ES-1	02/08/11	10.5-30.5	24.11	--	15.59	--	30.11	8.52
ES-2	02/08/11	10.5-30.5	24.66	--	16.12	--	30.15	8.54
ES-3	02/08/11	15-35	24.93	--	16.41	--	31.45	8.52
ES-4	02/08/11	10.5-30.5	23.93	--	15.38	--	29.65	8.55
ES-5	02/08/11	10.5-30.5	24.08	--	15.55	--	30.05	8.53
ES-6	02/08/11	15-35	27.06	--	18.37	--	34.93	8.69
ES-7	02/08/11	15-35	25.66	--	17.18	--	31.33	8.48
ES-8	02/08/11	15-35	24.74	--	16.01	--	29.11	8.73
ES-9	02/08/11	15-35	23.33	--	14.89	--	34.84	8.44
ES-10[3]	02/08/11	15-35	nm	nm	nm	nm	nm	nm
ES-11	02/08/11	15-35	24.08	--	15.51	--	34.94	8.57

nm = not measured na = not applicable -- = none detected BMP = below measuring point

Note: 1) On April 8, 2009, the well network was surveyed according to the North American Vertical Datum 1988 (NAVD 88) system.
2) Well casings are not vertical.
3) Monitoring well ES-10 has been paved over and is not accessible.

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-1	07/07/92	24.41	19.55	20.66	1.11	nm	4.65
BC-1	08/04/92	24.41	18.47	20.90	2.43	nm	5.48
BC-1	08/31/92	24.41	18.68	21.02	2.34	nm	5.29
BC-1	10/06/92	24.41	18.82	21.14	2.32	nm	5.15
BC-1	11/06/92	24.41	18.24	20.69	2.45	nm	5.70
BC-1	01/07/93	24.41	19.60	21.76	2.16	nm	4.40
BC-1	04/06/93	24.41	--	18.26	--	nm	6.15
BC-1	07/03/93	24.41	19.05	19.15	0.10	nm	5.34
BC-1	08/04/93	24.41	19.30	19.40	0.10	nm	5.09
BC-1	09/01/93	24.41	19.23	19.32	0.09	nm	5.16
BC-1	10/07/93	24.41	19.25	19.43	0.18	nm	5.13
BC-1	11/02/93	24.41	19.42	19.61	0.19	nm	4.95
BC-1	12/06/93	24.41	19.31	19.53	0.22	nm	5.06
BC-1	01/05/94	24.41	19.25	19.42	0.17	nm	5.13
BC-1	02/02/94	24.41	19.30	19.50	0.20	nm	5.07
BC-1	03/02/94	24.41	18.40	18.60	0.20	nm	5.97
BC-1	04/07/94	24.41	18.10	18.20	0.10	nm	6.29
BC-1	05/05/94	24.41	18.65	18.84	0.19	nm	5.72
BC-1	06/07/94	24.41	18.25	18.52	0.27	nm	6.11
BC-1	07/13/94	24.41	--	18.70	--	nm	5.71
BC-1	08/03/94	24.41	--	18.40	--	nm	6.01
BC-1	09/14/94	24.41	18.72	18.73	0.01	nm	5.69
BC-1	10/06/94	24.41	--	18.58	--	nm	5.83
BC-1	11/02/94	24.41	18.81	18.82	0.01	nm	5.60
BC-1	12/07/94	24.41	17.93	17.94	0.01	nm	6.48
BC-1	01/13/95	24.41	--	18.58	--	nm	5.83
BC-1	02/14/95	24.41	16.76	16.80	0.04	nm	7.64
BC-1	03/07/95	24.41	--	17.08	--	nm	7.33
BC-1	04/11/95	24.41	--	16.55	--	nm	7.86
BC-1	05/09/95	24.41	16.99	17.00	0.01	nm	7.42
BC-1	06/09/95	24.41	17.38	17.39	0.01	nm	7.03
BC-1	07/06/95	24.41	--	17.64	--	nm	6.77
BC-1	08/10/95	24.41	--	17.89	--	nm	6.52
BC-1	09/07/95	24.41	--	17.96	--	nm	6.45
BC-1	10/03/95	24.41	--	18.23	--	nm	6.18
BC-1	10/05/95	24.41	--	18.23	--	nm	6.18
BC-1	11/02/95	24.41	--	18.02	--	nm	6.39
BC-1	12/07/95	24.41	--	18.64	--	nm	5.77
BC-1	01/03/96	24.41	--	18.36	--	nm	6.05
BC-1	02/06/96	24.41	--	17.43	--	nm	6.98
BC-1	03/12/96	24.41	--	16.85	--	nm	7.56
BC-1	05/07/96	24.41	--	17.45	--	nm	6.96
BC-1	06/05/96	24.41	--	17.46	--	nm	6.95
BC-1	09/05/96	24.41	--	18.16	--	nm	6.25
BC-1	10/08/96	24.41	--	18.40	--	nm	6.01
BC-1	11/08/96	24.41	--	18.57	--	nm	5.84
BC-1	12/13/96	24.41	--	18.24	--	nm	6.17
BC-1	01/16/97	24.41	--	17.19	--	nm	7.22
BC-1	02/14/97	24.41	--	16.88	--	nm	7.53
BC-1	03/07/97	24.41	--	17.31	--	nm	7.10
BC-1	04/17/97	24.41	--	17.92	--	nm	6.49
BC-1	07/15/97	24.41	--	18.61	--	nm	5.80
BC-1	10/07/97	24.41	--	18.72	--	nm	5.69
BC-1	09/24/08	24.41	--	16.68	--	29.55	7.73
BC-1	04/08/09	24.41	--	14.95	--	29.55	9.46
BC-1	07/14/09	24.41	--	15.77	--	29.58	8.64
BC-1	10/06/09	24.41	--	16.27	--	29.59	8.14
BC-1	07/28/10	24.41	--	16.22	--	29.75	8.19
BC-1	02/08/11	24.41	--	15.88	--	29.56	8.53

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-2	07/07/92	24.37	--	16.89	--	nm	nd[2]
BC-2	08/04/92	24.37	--	18.46	--	nm	nd[2]
BC-2	08/31/92	24.37	--	18.89	--	nm	nd[2]
BC-2	10/06/92	24.37	--	18.50	--	nm	nd[2]
BC-2	11/06/92	24.37	--	15.98	--	nm	nd[2]
BC-2	01/07/93	24.37	--	13.50	--	nm	nd[2]
BC-2	04/06/93	24.37	--	15.20	--	nm	nd[2]
BC-2	07/03/93	24.37	--	17.75	--	nm	nd[2]
BC-2	08/04/93	24.37	--	18.10	--	nm	nd[2]
BC-2	09/01/93	24.37	--	18.48	--	nm	nd[2]
BC-2	10/07/93	24.37	--	19.02	--	nm	nd[2]
BC-2	11/02/93	24.37	--	18.76	--	nm	nd[2]
BC-2	12/06/93	24.37	--	18.87	--	nm	nd[2]
BC-2	01/05/94	24.37	--	16.76	--	nm	nd[2]
BC-2	02/02/94	24.37	--	16.42	--	nm	nd[2]
BC-2	05/05/94	24.37	--	17.30	--	nm	nd[2]
BC-2	06/07/94	24.37	--	17.70	--	nm	nd[2]
BC-2	07/13/94	24.37	--	17.10	--	nm	nd[2]
BC-2	08/03/94	24.37	--	18.36	--	nm	nd[2]
BC-2	09/14/94	24.37	--	17.04	--	nm	nd[2]
BC-2	01/13/95	24.37	--	12.80	--	nm	nd[2]
BC-2	02/14/95	24.37	--	15.11	--	nm	nd[2]
BC-2	03/07/95	24.37	--	16.21	--	nm	nd[2]
BC-2	04/11/95	24.37	--	15.56	--	nm	nd[2]
BC-2	05/09/95	24.37	--	15.81	--	nm	nd[2]
BC-2	06/09/95	24.37	--	16.88	--	nm	nd[2]
BC-2	07/06/95	24.37	--	16.88	--	nm	nd[2]
BC-2	08/10/95	24.37	--	17.55	--	nm	nd[2]
BC-2	09/07/95	24.37	--	18.03	--	nm	nd[2]
BC-2	10/03/95	24.37	--	18.24	--	nm	nd[2]
BC-2	10/05/95	24.37	--	18.24	--	nm	nd[2]
BC-2	11/02/95	24.37	--	18.36	--	nm	nd[2]
BC-2	01/03/96	24.37	--	17.86	--	nm	nd[2]
BC-2	02/06/96	24.37	--	16.31	--	nm	nd[2]
BC-2	03/12/96	24.37	--	16.50	--	nm	nd[2]
BC-2	04/09/96	24.37	--	16.90	--	nm	nd[2]
BC-2	05/07/96	24.37	--	17.20	--	nm	nd[2]
BC-2	06/05/96	24.37	--	17.10	--	nm	nd[2]
BC-2	07/09/96	24.37	--	17.70	--	nm	nd[2]
BC-2	10/08/96	24.37	--	18.40	--	nm	nd[2]
BC-2	11/08/96	24.37	--	18.30	--	nm	nd[2]
BC-2	12/13/96	24.37	--	16.80	--	nm	nd[2]
BC-2	01/16/97	24.37	--	16.40	--	nm	nd[2]
BC-2	02/14/97	24.37	--	16.30	--	nm	nd[2]
BC-2	03/07/97	24.37	--	17.00	--	nm	nd[2]
BC-2	04/17/97	24.37	--	17.70	--	nm	nd[2]
BC-2	07/15/97	24.37	--	18.50	--	nm	nd[2]
BC-2	10/07/97	24.37	--	18.69	--	nm	nd[2]
BC-2	09/24/08	24.37	--	16.82	--	19.90	nd[2]
BC-2	04/08/09	24.37	--	16.34	--	19.91	nd[2]
BC-2	07/14/09	24.37	--	17.08	--	19.93	nd[2]
BC-2	10/06/09	24.37	--	16.61	--	19.94	nd[2]
BC-2	07/28/10	24.37	--	16.25	--	20.02	nd[2]
BC-2	02/08/11	24.37	--	15.55	--	19.85	nd[2]

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
BC-3	07/07/92	24.42	--	16.68	--	nm	nd[2]
BC-3	08/04/92	24.42	--	19.24	--	nm	nd[2]
BC-3	08/31/92	24.42	--	19.10	--	nm	nd[2]
BC-3	10/06/92	24.42	--	18.93	--	nm	nd[2]
BC-3	11/06/92	24.42	--	16.81	--	nm	nd[2]
BC-3	01/07/93	24.42	--	16.55	--	nm	nd[2]
BC-3	04/06/93	24.42	--	15.44	--	nm	nd[2]
BC-3	07/03/93	24.42	--	16.81	--	nm	nd[2]
BC-3	08/04/93	24.42	--	18.82	--	nm	nd[2]
BC-3	09/01/93	24.42	--	18.40	--	nm	nd[2]
BC-3	10/07/93	24.42	--	18.58	--	nm	nd[2]
BC-3	11/02/93	24.42	--	18.53	--	nm	nd[2]
BC-3	12/06/93	24.42	--	18.67	--	nm	nd[2]
BC-3	01/05/94	24.42	--	17.51	--	nm	nd[2]
BC-3	02/02/94	24.42	--	16.40	--	nm	nd[2]
BC-3	03/02/94	24.42	--	15.00	--	nm	nd[2]
BC-3	04/07/94	24.42	--	17.70	--	nm	nd[2]
BC-3	05/05/94	24.42	--	17.90	--	nm	nd[2]
BC-3	06/07/94	24.42	--	17.34	--	nm	nd[2]
BC-3	07/13/94	24.42	--	18.10	--	nm	nd[2]
BC-3	08/03/94	24.42	--	18.36	--	nm	nd[2]
BC-3	09/14/94	24.42	--	18.31	--	nm	nd[2]
BC-3	10/06/94	24.42	--	18.58	--	nm	nd[2]
BC-3	11/02/94	24.42	--	18.61	--	nm	nd[2]
BC-3	12/07/94	24.42	--	16.29	--	nm	nd[2]
BC-3	01/13/95	24.42	--	15.40	--	nm	nd[2]
BC-3	02/14/95	24.42	--	15.86	--	nm	nd[2]
BC-3	03/07/95	24.42	--	16.21	--	nm	nd[2]
BC-3	04/11/95	24.42	--	15.08	--	nm	nd[2]
BC-3	05/09/95	24.42	--	16.92	--	nm	nd[2]
BC-3	06/09/95	24.42	--	16.90	--	nm	nd[2]
BC-3	07/06/95	24.42	--	16.87	--	nm	nd[2]
BC-3	08/10/95	24.42	--	17.54	--	nm	nd[2]
BC-3	09/07/95	24.42	--	17.80	--	nm	nd[2]
BC-3	10/03/95	24.42	--	17.95	--	nm	nd[2]
BC-3	10/05/95	24.42	--	17.95	--	nm	nd[2]
BC-3	11/02/95	24.42	--	18.33	--	nm	nd[2]
BC-3	01/03/96	24.42	--	17.55	--	nm	nd[2]
BC-3	02/06/96	24.42	--	17.15	--	nm	nd[2]
BC-3	03/12/96	24.42	--	16.50	--	nm	nd[2]
BC-3	04/09/96	24.42	--	16.60	--	nm	nd[2]
BC-3	05/07/96	24.42	--	16.90	--	nm	nd[2]
BC-3	06/05/96	24.42	--	17.00	--	nm	nd[2]
BC-3	07/09/96	24.42	--	17.40	--	nm	nd[2]
BC-3	10/08/96	24.42	--	18.10	--	nm	nd[2]
BC-3	11/08/96	24.42	--	18.20	--	nm	nd[2]
BC-3	12/13/96	24.42	--	17.60	--	nm	nd[2]
BC-3	09/24/08	24.42	--	17.01	--	20.11	nd[2]
BC-3	04/08/09	24.42	--	14.93	--	20.15	nd[2]
BC-3	07/14/09	24.42	--	16.10	--	20.16	nd[2]
BC-3	10/06/09	24.42	--	16.66	--	20.16	nd[2]
BC-3	07/28/10	24.42	--	16.32	--	20.24	nd[2]
BC-3	02/08/11	24.42	--	15.92	--	20.15	nd[2]

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-1	01/16/97	24.11	--	16.79	--	nm	7.32
ES-1	02/14/97	24.11	--	16.53	--	nm	7.58
ES-1	03/07/97	24.11	--	17.01	--	nm	7.10
ES-1	04/17/97	24.11	--	18.13	--	nm	5.98
ES-1	07/15/97	24.11	--	18.44	--	nm	5.67
ES-1	10/07/97	24.11	18.36	18.37	0.01	nm	5.75
ES-1	09/24/08	24.11	--	16.46	--	30.13	7.65
ES-1	04/08/09	24.11	--	14.75	--	30.15	9.36
ES-1	07/14/09	24.11	--	15.67	--	30.08	8.44
ES-1	10/06/09	24.11	--	16.10	--	30.15	8.01
ES-1	07/28/10	24.11	--	15.98	--	30.24	8.13
ES-1	02/08/11	24.11	--	15.59	--	30.11	8.52
ES-2	06/16/92	24.66	18.63	18.64	0.01	nm	6.03
ES-2	07/07/92	24.66	--	19.62	--	nm	5.04
ES-2	08/04/92	24.66	19.17	19.76	0.59	nm	5.38
ES-2	08/31/92	24.66	19.29	19.90	0.61	nm	5.25
ES-2	10/06/92	24.66	19.41	20.00	0.59	nm	5.14
ES-2	11/06/92	24.66	18.84	19.44	0.60	nm	5.71
ES-2	01/07/93	24.66	20.05	20.40	0.35	nm	4.54
ES-2	04/06/93	24.66	18.20	18.31	0.11	nm	6.44
ES-2	07/03/93	24.66	19.31	19.32	0.01	nm	5.35
ES-2	08/04/93	24.66	19.15	19.18	0.03	nm	5.50
ES-2	09/01/93	24.66	19.50	19.59	0.09	nm	5.14
ES-2	10/07/93	24.66	19.57	19.60	0.03	nm	5.08
ES-2	11/02/93	24.66	19.60	19.61	0.01	nm	5.06
ES-2	12/06/93	24.66	19.71	19.74	0.03	nm	4.94
ES-2	01/05/94	24.66	19.57	19.61	0.04	nm	5.08
ES-2	02/02/94	24.66	19.20	19.25	0.05	nm	5.45
ES-2	03/02/94	24.66	19.00	19.50	0.50	nm	5.57
ES-2	04/07/94	24.66	19.10	19.19	0.09	nm	5.54
ES-2	05/05/94	24.66	18.77	18.79	0.02	nm	5.89
ES-2	06/07/94	24.66	--	18.61	--	nm	6.05
ES-2	07/13/94	24.66	--	18.78	--	nm	5.88
ES-2	08/03/94	24.66	--	18.72	--	nm	5.94
ES-2	09/14/94	24.66	19.10	19.14	0.04	nm	5.55
ES-2	10/06/94	24.66	--	18.86	--	nm	5.80
ES-2	11/02/94	24.66	18.97	19.91	0.94	nm	5.51
ES-2	12/07/94	24.66	--	18.14	--	nm	6.52
ES-2	01/13/95	24.66	--	18.86	--	nm	5.80
ES-2	02/14/95	24.66	--	16.92	--	nm	7.74
ES-2	03/07/95	24.66	--	17.25	--	nm	7.41
ES-2	04/11/95	24.66	--	16.71	--	nm	7.95
ES-2	05/09/95	24.66	--	17.15	--	nm	7.51
ES-2	06/09/95	24.66	17.60	17.61	0.01	nm	7.06
ES-2	07/06/95	24.66	17.78	17.79	0.01	nm	6.88
ES-2	08/10/95	24.66	18.09	18.10	0.01	nm	6.57
ES-2	09/07/95	24.66	--	18.29	--	nm	6.37
ES-2	10/03/95	24.66	18.45	18.48	0.03	nm	6.20
ES-2	10/05/95	24.66	18.45	18.48	0.03	nm	6.20
ES-2	11/02/95	24.66	18.62	18.65	0.03	nm	6.03
ES-2	12/07/95	24.66	18.85	18.90	0.05	nm	5.80
ES-2	01/03/96	24.66	18.54	18.55	0.01	nm	6.12
ES-2	02/06/96	24.66	--	17.60	--	nm	7.06
ES-2	03/12/96	24.66	--	17.08	--	nm	7.58
ES-2	04/09/96	24.66	--	17.18	--	nm	7.48
ES-2	05/07/96	24.66	--	17.66	--	nm	7.00
ES-2	06/05/96	24.66	--	17.66	--	nm	7.00

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-2	07/09/96	24.66	--	18.02	--	nm	6.64
ES-2	09/05/96	24.66	--	18.39	--	nm	6.27
ES-2	10/08/96	24.66	--	18.61	--	nm	6.05
ES-2	11/08/96	24.66	--	18.78	--	nm	5.88
ES-2	12/13/96	24.66	--	18.43	--	nm	6.23
ES-2	01/16/97	24.66	--	17.57	--	nm	7.09
ES-2	02/14/97	24.66	--	17.08	--	nm	7.58
ES-2	03/07/97	24.66	--	17.56	--	nm	7.10
ES-2	04/17/97	24.66	--	18.11	--	nm	6.55
ES-2	07/15/97	24.66	--	18.97	--	nm	5.69
ES-2	10/07/97	24.66	--	18.87	--	nm	5.79
ES-2	09/24/08	24.66	--	16.96	--	30.19	7.70
ES-2	04/08/09	24.66	--	15.25	--	31.15	9.41
ES-2	07/14/09	24.66	--	16.07	--	30.16	8.59
ES-2	10/06/09	24.66	--	16.57	--	30.15	8.09
ES-2	07/28/10	24.66	--	16.49	--	30.30	8.17
ES-2	02/08/11	24.66	--	16.12	--	30.15	8.54
ES-3	06/16/92	24.93	--	19.41	--	nm	5.52
ES-3	07/07/92	24.93	--	19.52	--	nm	5.41
ES-3	08/04/92	24.93	--	19.68	--	nm	5.25
ES-3	08/31/92	24.93	--	19.80	--	nm	5.13
ES-3	10/06/92	24.93	--	19.96	--	nm	4.97
ES-3	11/06/92	24.93	18.84	19.84	1.00	nm	5.90
ES-3	01/07/93	24.93	--	19.20	--	nm	5.73
ES-3	04/06/93	24.93	--	15.92	--	nm	9.01
ES-3	07/03/93	24.93	--	18.12	--	nm	6.81
ES-3	08/04/93	24.93	--	19.18	--	nm	5.75
ES-3	09/01/93	24.93	--	19.36	--	nm	5.57
ES-3	10/07/93	24.93	--	19.62	--	nm	5.31
ES-3	11/02/93	24.93	--	19.70	--	nm	5.23
ES-3	12/06/93	24.93	--	19.68	--	nm	5.25
ES-3	01/05/94	24.93	--	19.52	--	nm	5.41
ES-3	02/02/94	24.93	--	19.30	--	nm	5.63
ES-3	03/02/94	24.93	--	18.68	--	nm	6.25
ES-3	04/07/94	24.93	--	19.00	--	nm	5.93
ES-3	05/05/94	24.93	--	18.78	--	nm	6.15
ES-3	06/07/94	24.93	--	18.90	--	nm	6.03
ES-3	07/13/94	24.93	--	18.71	--	nm	6.22
ES-3	08/03/94	24.93	--	19.03	--	nm	5.90
ES-3	09/14/94	24.93	--	19.84	--	nm	5.09
ES-3	10/06/94	24.93	--	19.24	--	nm	5.69
ES-3	11/02/94	24.93	--	19.37	--	nm	5.56
ES-3	12/07/94	24.93	--	18.44	--	nm	6.49
ES-3	01/13/95	24.93	--	17.35	--	nm	7.58
ES-3	02/14/95	24.93	--	17.22	--	nm	7.71
ES-3	03/07/95	24.93	--	17.52	--	nm	7.41
ES-3	04/11/95	24.93	--	16.95	--	nm	7.98
ES-3	05/09/95	24.93	17.34	17.39	0.05	nm	7.58
ES-3	06/09/95	24.93	--	17.87	--	nm	7.06
ES-3	07/06/95	24.93	--	18.07	--	nm	6.86
ES-3	08/10/95	24.93	--	18.40	--	nm	6.53
ES-3	09/07/95	24.93	--	18.59	--	nm	6.34
ES-3	10/03/95	24.93	--	18.76	--	nm	6.17
ES-3	10/05/95	24.93	--	18.76	--	nm	6.17
ES-3	11/02/95	24.93	--	18.96	--	nm	5.97
ES-3	12/07/95	24.93	--	19.19	--	nm	5.74
ES-3	01/03/96	24.93	--	17.55	--	nm	7.38
ES-3	02/06/96	24.93	--	17.86	--	nm	7.07

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-3	03/12/96	24.93	--	17.35	--	nm	7.58
ES-3	04/09/96	24.93	--	17.65	--	nm	7.28
ES-3	05/07/96	24.93	--	17.94	--	nm	6.99
ES-3	06/05/96	24.93	--	17.94	--	nm	6.99
ES-3	07/09/96	24.93	--	18.33	--	nm	6.60
ES-3	09/05/96	24.93	--	18.63	--	nm	6.30
ES-3	10/08/96	24.93	--	18.98	--	nm	5.95
ES-3	11/08/96	24.93	--	19.16	--	nm	5.77
ES-3	12/13/96	24.93	--	18.81	--	nm	6.12
ES-3	01/16/97	24.93	--	17.72	--	nm	7.21
ES-3	02/14/97	24.93	--	17.47	--	nm	7.46
ES-3	03/07/97	24.93	--	17.90	--	nm	7.03
ES-3	04/17/97	24.93	--	18.42	--	nm	6.51
ES-3	07/15/97	24.93	--	19.01	--	nm	5.92
ES-3	10/07/97	24.93	--	19.18	--	nm	5.75
ES-3	09/24/08	24.93	--	17.38	--	31.44	7.55
ES-3	04/08/09	24.93	--	15.65	--	31.55	9.28
ES-3	07/14/09	24.93	--	16.54	--	31.51	8.39
ES-3	10/06/09	24.93	--	17.06	--	31.56	7.87
ES-3	07/28/10	24.93	--	16.80	--	31.74	8.13
ES-3	02/08/11	24.93	--	16.41	--	31.45	8.52
ES-4	06/16/92	23.93	18.63	18.98	0.35	nm	5.23
ES-4	07/07/92	23.93	--	18.51	--	nm	5.42
ES-4	08/04/92	23.93	--	18.66	--	nm	5.27
ES-4	08/31/92	23.93	--	18.79	--	nm	5.14
ES-4	10/06/92	23.93	--	18.92	--	nm	5.01
ES-4	11/06/92	23.93	--	18.94	--	nm	4.99
ES-4	01/07/93	23.93	--	18.76	--	nm	5.17
ES-4	04/06/93	23.93	--	17.26	--	nm	6.67
ES-4	07/03/93	23.93	--	18.08	--	nm	5.85
ES-4	08/04/93	23.93	--	18.16	--	nm	5.77
ES-4	09/01/93	23.93	--	18.46	--	nm	5.47
ES-4	10/07/93	23.93	--	18.62	--	nm	5.31
ES-4	11/02/93	23.93	--	18.74	--	nm	5.19
ES-4	12/06/93	23.93	--	18.72	--	nm	5.21
ES-4	01/05/94	23.93	--	18.55	--	nm	5.38
ES-4	02/02/94	23.93	--	18.42	--	nm	5.51
ES-4	03/02/94	23.93	--	17.86	--	nm	6.07
ES-4	04/07/94	23.93	--	18.80	--	nm	5.13
ES-4	05/05/94	23.93	--	17.86	--	nm	6.07
ES-4	06/07/94	23.93	--	17.94	--	nm	5.99
ES-4	07/13/94	23.93	--	18.13	--	nm	5.80
ES-4	08/03/94	23.93	--	17.94	--	nm	5.99
ES-4	09/14/94	23.93	--	18.18	--	nm	5.75
ES-4	10/06/94	23.93	--	18.25	--	nm	5.68
ES-4	11/02/94	23.93	--	18.35	--	nm	5.58
ES-4	12/07/94	23.93	--	17.56	--	nm	6.37
ES-4	01/13/95	23.93	--	16.77	--	nm	7.16
ES-4	02/14/95	23.93	--	16.37	--	nm	7.56
ES-4	03/07/95	23.93	--	16.66	--	nm	7.27
ES-4	04/11/95	23.93	--	16.14	--	nm	7.79
ES-4	05/09/95	23.93	--	16.57	--	nm	7.36
ES-4	06/09/95	23.93	--	17.02	--	nm	6.91
ES-4	07/06/95	23.93	--	17.19	--	nm	6.74
ES-4	08/10/95	23.93	--	17.84	--	nm	6.09
ES-4	09/07/95	23.93	--	17.68	--	nm	6.25
ES-4	10/03/95	23.93	--	17.84	--	nm	6.09
ES-4	10/05/95	23.93	--	17.84	--	nm	6.09

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-4	11/02/95	23.93	--	18.02	--	nm	5.91
ES-4	12/07/95	23.93	--	18.23	--	nm	5.70
ES-4	01/03/96	23.93	--	17.87	--	nm	6.06
ES-4	02/06/96	23.93	--	17.02	--	nm	6.91
ES-4	03/12/96	23.93	--	16.54	--	nm	7.39
ES-4	04/09/96	23.93	--	16.76	--	nm	7.17
ES-4	05/07/96	23.93	--	16.17	--	nm	7.76
ES-4	06/05/96	23.93	--	17.05	--	nm	6.88
ES-4	07/09/96	23.93	--	17.37	--	nm	6.56
ES-4	09/05/96	23.93	--	17.74	--	nm	6.19
ES-4	10/08/96	23.93	--	17.97	--	nm	5.96
ES-4	11/08/96	23.93	--	18.13	--	nm	5.80
ES-4	12/13/96	23.93	--	17.83	--	nm	6.10
ES-4	01/16/97	23.93	--	16.92	--	nm	7.01
ES-4	02/14/97	23.93	--	16.56	--	nm	7.37
ES-4	03/07/97	23.93	--	16.95	--	nm	6.98
ES-4	04/17/97	23.93	--	17.45	--	nm	6.48
ES-4	07/15/97	23.93	--	18.05	--	nm	5.88
ES-4	10/07/97	23.93	--	18.23	--	nm	5.70
ES-4	09/24/08	23.93	--	16.20	--	29.94	7.73
ES-4	04/08/09	23.93	--	14.46	--	29.95	9.47
ES-4	07/14/09	23.93	--	15.29	--	29.96	8.64
ES-4	10/06/09	23.93	--	15.80	--	29.94	8.13
ES-4	07/28/10	23.93	--	15.77	--	29.83	8.16
ES-4	02/08/11	23.93	--	15.38	--	29.65	8.55
ES-5	06/16/92	24.08	18.40	20.40	2.00	nm	5.30
ES-5	07/07/92	24.08	--	20.23	--	nm	3.85
ES-5	08/04/92	24.08	18.16	20.43	2.27	nm	5.49
ES-5	08/31/92	24.08	18.24	20.80	2.56	nm	5.35
ES-5	10/06/92	24.08	18.24	21.37	3.13	nm	5.25
ES-5	11/06/92	24.08	17.60	20.92	3.32	nm	5.85
ES-5	01/05/93	24.08	18.42	19.75	1.33	nm	5.41
ES-5	01/07/93	24.08	19.35	22.00	2.65	nm	4.23
ES-5	04/06/93	24.08	--	17.28	--	nm	6.80
ES-5	07/03/93	24.08	--	19.50	--	nm	4.58
ES-5	08/04/93	24.08	--	18.61	--	nm	5.47
ES-5	09/01/93	24.08	18.79	18.80	0.01	nm	5.29
ES-5	10/07/93	24.08	18.65	19.33	0.68	nm	5.30
ES-5	11/02/93	24.08	18.91	19.45	0.54	nm	5.07
ES-5	12/06/93	24.08	18.78	19.25	0.47	nm	5.21
ES-5	02/02/94	24.08	18.18	19.98	1.80	nm	5.56
ES-5	03/02/94	24.08	18.07	18.30	0.23	nm	5.97
ES-5	04/07/94	24.08	18.37	18.38	0.01	nm	5.71
ES-5	05/05/94	24.08	18.24	18.26	0.02	nm	5.84
ES-5	06/07/94	24.08	18.26	18.27	0.01	nm	5.82
ES-5	07/13/94	24.08	--	18.30	--	nm	5.78
ES-5	08/03/94	24.08	--	17.90	--	nm	6.18
ES-5	09/14/94	24.08	18.41	18.42	0.01	nm	5.67
ES-5	10/06/94	24.08	--	18.23	--	nm	5.85
ES-5	11/02/94	24.08	--	18.47	--	nm	5.61
ES-5	12/07/94	24.08	--	17.45	--	nm	6.63
ES-5	01/13/95	24.08	--	18.23	--	nm	5.85
ES-5	02/14/95	24.08	--	16.45	--	nm	7.63
ES-5	03/07/95	24.08	--	16.53	--	nm	7.55
ES-5	04/11/95	24.08	--	16.00	--	nm	8.08
ES-5	05/09/95	24.08	--	16.45	--	nm	7.63
ES-5	06/09/95	24.08	--	16.90	--	nm	7.18
ES-5	07/06/95	24.08	--	17.09	--	nm	6.99

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-5	08/10/95	24.08	--	17.44	--	nm	6.64
ES-5	09/07/95	24.08	--	17.61	--	nm	6.47
ES-5	10/03/95	24.08	--	18.74	--	nm	5.34
ES-5	10/05/95	24.08	--	18.74	--	nm	5.34
ES-5	11/02/95	24.08	--	17.98	--	nm	6.10
ES-5	12/07/95	24.08	18.21	18.22	0.01	nm	5.87
ES-5	01/03/96	24.08	--	17.89	--	nm	6.19
ES-5	02/06/96	24.08	--	16.76	--	nm	7.32
ES-5	03/12/96	24.08	--	16.36	--	nm	7.72
ES-5	04/09/96	24.08	--	16.70	--	nm	7.38
ES-5	05/07/96	24.08	--	16.95	--	nm	7.13
ES-5	06/05/96	24.08	--	16.95	--	nm	7.13
ES-5	07/09/96	24.08	--	17.34	--	nm	6.74
ES-5	01/16/97	24.08	--	16.68	--	nm	7.40
ES-5	02/14/97	24.08	--	16.43	--	nm	7.65
ES-5	03/07/97	24.08	--	16.90	--	nm	7.18
ES-5	04/17/97	24.08	--	17.41	--	nm	6.67
ES-5	07/15/97	24.08	--	18.29	--	nm	5.79
ES-5	10/07/97	24.08	--	18.48	--	nm	5.60
ES-5	09/24/08	24.08	--	16.49	--	30.06	7.59
ES-5	04/08/09	24.08	--	14.75	--	30.13	9.33
ES-5	07/15/09	24.08	--	15.61	--	30.08	8.47
ES-5	10/06/09	24.08	--	16.12	--	30.08	7.96
ES-5	07/28/10	24.08	--	15.97	--	30.26	8.11
ES-5	02/08/11	24.08	--	15.55	--	30.05	8.53
ES-6	01/05/93	27.06	--	21.76	--	nm	5.30
ES-6	09/01/93	27.06	--	21.94	--	nm	5.12
ES-6	10/07/93	27.06	--	21.81	--	nm	5.25
ES-6	11/02/93	27.06	--	21.91	--	nm	5.15
ES-6	12/06/93	27.06	--	21.90	--	nm	5.16
ES-6	02/02/94	27.06	--	21.74	--	nm	5.32
ES-6	03/02/94	27.06	--	21.10	--	nm	5.96
ES-6	04/07/94	27.06	--	21.30	--	nm	5.76
ES-6	05/05/94	27.06	--	21.16	--	nm	5.90
ES-6	06/07/94	27.06	--	21.02	--	nm	6.04
ES-6	07/13/94	27.06	--	21.40	--	nm	5.66
ES-6	08/03/94	27.06	--	21.58	--	nm	5.48
ES-6	09/14/94	27.06	--	21.52	--	nm	5.54
ES-6	10/06/94	27.06	--	21.58	--	nm	5.48
ES-6	11/02/94	27.06	--	21.64	--	nm	5.42
ES-6	12/07/94	27.06	--	20.94	--	nm	6.12
ES-6	01/13/95	27.06	--	20.25	--	nm	6.81
ES-6	02/14/95	27.06	--	19.82	--	nm	7.24
ES-6	03/07/95	27.06	--	20.06	--	nm	7.00
ES-6	04/11/95	27.06	--	19.56	--	nm	7.50
ES-6	05/09/95	27.06	nd[4]	nd[4]	nd[4]	nm	nd[4]
ES-6	06/09/95	27.06	--	20.37	--	nm	6.69
ES-6	07/06/95	27.06	--	20.55	--	nm	6.51
ES-6	08/10/95	27.06	--	20.81	--	nm	6.25
ES-6	09/07/95	27.06	--	20.94	--	nm	6.12
ES-6	10/03/95	27.06	--	21.14	--	nm	5.92
ES-6	10/05/95	27.06	--	21.14	--	nm	5.92
ES-6	11/02/95	27.06	--	21.31	--	nm	5.75
ES-6	12/07/95	27.06	--	21.48	--	nm	5.58
ES-6	01/03/96	27.06	--	21.24	--	nm	5.82
ES-6	02/06/96	27.06	--	20.52	--	nm	6.54
ES-6	03/12/96	27.06	--	19.85	--	nm	7.21
ES-6	04/09/96	27.06	--	20.14	--	nm	6.92

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-6	05/07/96	27.06	--	20.42	--	nm	6.64
ES-6	06/05/96	27.06	--	20.41	--	nm	6.65
ES-6	07/09/96	27.06	--	20.74	--	nm	6.32
ES-6	10/08/96	27.06	--	21.23	--	nm	5.83
ES-6	11/08/96	27.06	--	21.44	--	nm	5.62
ES-6	12/13/96	27.06	--	21.19	--	nm	5.87
ES-6	01/16/97	27.06	--	20.15	--	nm	6.91
ES-6	02/14/97	27.06	--	19.92	--	nm	7.14
ES-6	03/07/97	27.06	--	20.31	--	nm	6.75
ES-6	04/17/97	27.06	--	20.78	--	nm	6.28
ES-6	07/15/97	27.06	--	21.32	--	nm	5.74
ES-6	10/07/97	27.06	--	21.48	--	nm	5.58
ES-6	09/24/08	27.06	--	19.02	--	34.98	8.04
ES-6	04/08/09	27.06	--	17.39	--	35.00	9.67
ES-6	07/14/09	27.06	--	18.13	--	35.03	8.93
ES-6	10/06/09	27.06	--	18.52	--	35.00	8.54
ES-6	07/28/10	27.06	--	18.77	--	35.12	8.29
ES-6	02/08/11	27.06	--	18.37	--	34.93	8.69
ES-7	01/05/93	25.66	--	19.90	--	nm	5.76
ES-7	09/01/93	25.66	--	19.71	--	nm	5.95
ES-7	10/07/93	25.66	--	19.99	--	nm	5.67
ES-7	11/02/93	25.66	--	20.12	--	nm	5.54
ES-7	12/06/93	25.66	--	20.15	--	nm	5.51
ES-7	02/02/94	25.66	--	19.79	--	nm	5.87
ES-7	03/02/94	25.66	--	19.14	--	nm	6.52
ES-7	04/07/94	25.66	--	19.44	--	nm	6.22
ES-7	05/05/94	25.66	--	19.30	--	nm	6.36
ES-7	06/07/94	25.66	--	19.33	--	nm	6.33
ES-7	07/13/94	25.66	--	19.11	--	nm	6.55
ES-7	08/03/94	25.66	--	19.40	--	nm	6.26
ES-7	09/14/94	25.66	--	19.64	--	nm	6.02
ES-7	10/06/94	25.66	--	19.73	--	nm	5.93
ES-7	11/02/94	25.66	--	19.79	--	nm	5.87
ES-7	12/07/94	25.66	--	19.89	--	nm	5.77
ES-7	01/13/95	25.66	--	18.11	--	nm	7.55
ES-7	02/14/95	25.66	--	17.63	--	nm	8.03
ES-7	03/07/95	25.66	--	17.92	--	nm	7.74
ES-7	04/11/95	25.66	--	17.35	--	nm	8.31
ES-7	05/09/95	25.66	--	17.79	--	nm	7.87
ES-7	06/09/95	25.66	--	18.29	--	nm	7.37
ES-7	07/06/95	25.66	--	18.46	--	nm	7.20
ES-7	08/10/95	25.66	--	18.77	--	nm	6.89
ES-7	09/07/95	25.66	--	18.98	--	nm	6.68
ES-7	10/03/95	25.66	--	19.15	--	nm	6.51
ES-7	10/05/95	25.66	--	19.15	--	nm	6.51
ES-7	11/02/95	25.66	--	19.36	--	nm	6.30
ES-7	12/07/95	25.66	--	19.57	--	nm	6.09
ES-7	01/03/96	25.66	--	19.29	--	nm	6.37
ES-7	02/06/96	25.66	--	18.41	--	nm	7.25
ES-7	03/12/96	25.66	--	17.76	--	nm	7.90
ES-7	04/09/96	25.66	--	18.05	--	nm	7.61
ES-7	05/07/96	25.66	--	18.36	--	nm	7.30
ES-7	06/05/96	25.66	--	18.36	--	nm	7.30
ES-7	07/09/96	25.66	--	18.72	--	nm	6.94
ES-7	09/05/96	25.66	--	19.12	--	nm	6.54
ES-7	10/08/96	25.66	--	19.37	--	nm	6.29
ES-7	11/08/96	25.66	--	19.56	--	nm	6.10
ES-7	12/13/96	25.66	--	19.28	--	nm	6.38
ES-7	01/16/97	25.66	--	18.19	--	nm	7.47
ES-7	02/14/97	25.66	--	17.88	--	nm	7.78

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-7	03/07/97	25.66	--	18.30	--	nm	7.36
ES-7	04/17/97	25.66	--	18.81	--	nm	6.85
ES-7	09/24/08	25.66	--	18.20	--	31.28	7.46
ES-7	04/08/09	25.66	--	16.52	--	31.29	9.14
ES-7	07/14/09	25.66	--	17.36	--	31.30	8.30
ES-7	10/06/09	25.66	--	17.90	--	31.72	7.76
ES-7	07/28/10	25.66	--	17.52	--	31.50	8.14
ES-7	02/08/11	25.66	--	17.18	--	31.33	8.48
ES-8	09/01/93	24.74	--	18.88	--	nm	5.86
ES-8	10/07/93	24.74	--	19.13	--	nm	5.61
ES-8	11/02/93	24.74	--	19.26	--	nm	5.48
ES-8	12/06/93	24.74	--	19.24	--	nm	5.50
ES-8	01/05/94	24.74	--	19.10	--	nm	5.64
ES-8	02/02/94	24.74	--	19.08	--	nm	5.66
ES-8	03/02/94	24.74	--	18.28	--	nm	6.46
ES-8	04/07/94	24.74	--	18.44	--	nm	6.30
ES-8	05/05/94	24.74	--	18.26	--	nm	6.48
ES-8	06/07/94	24.74	--	18.32	--	nm	6.42
ES-8	07/13/94	24.74	--	18.50	--	nm	6.24
ES-8	08/03/94	24.74	--	18.42	--	nm	6.32
ES-8	09/14/94	24.74	--	18.50	--	nm	6.24
ES-8	10/06/94	24.74	--	18.76	--	nm	5.98
ES-8	11/02/94	24.74	--	18.76	--	nm	5.98
ES-8	12/07/94	24.74	--	18.00	--	nm	6.74
ES-8	01/13/95	24.74	--	16.83	--	nm	7.91
ES-8	02/14/95	24.74	--	16.67	--	nm	8.07
ES-8	03/07/95	24.74	--	16.99	--	nm	7.75
ES-8	04/11/95	24.74	--	16.41	--	nm	8.33
ES-8	05/09/95	24.74	--	16.92	--	nm	7.82
ES-8	06/09/95	24.74	--	17.35	--	nm	7.39
ES-8	07/06/95	24.74	--	17.56	--	nm	7.18
ES-8	08/10/95	24.74	--	17.89	--	nm	6.85
ES-8	09/07/95	24.74	--	18.09	--	nm	6.65
ES-8	10/03/95	24.74	--	18.27	--	nm	6.47
ES-8	10/05/95	24.74	--	18.27	--	nm	6.47
ES-8	11/02/95	24.74	--	18.51	--	nm	6.23
ES-8	12/07/95	24.74	--	18.72	--	nm	6.02
ES-8	01/03/96	24.74	--	18.36	--	nm	6.38
ES-8	02/06/96	24.74	--	17.07	--	nm	7.67
ES-8	03/12/96	24.74	--	16.79	--	nm	7.95
ES-8	04/09/96	24.74	--	17.10	--	nm	7.64
ES-8	05/07/96	24.74	--	17.34	--	nm	7.40
ES-8	06/05/96	24.74	--	17.36	--	nm	7.38
ES-8	07/09/96	24.74	--	17.71	--	nm	7.03
ES-8	09/05/96	24.74	--	18.13	--	nm	6.61
ES-8	10/08/96	24.74	--	18.44	--	nm	6.30
ES-8	11/08/96	24.74	--	18.61	--	nm	6.13
ES-8	12/13/96	24.74	--	18.32	--	nm	6.42
ES-8	01/16/97	24.74	--	17.22	--	nm	7.52
ES-8	02/14/97	24.74	--	16.94	--	nm	7.80
ES-8	03/07/97	24.74	--	17.36	--	nm	7.38
ES-8	09/24/08	24.74	--	17.35	--	28.94	7.39
ES-8	04/08/09	24.74	--	15.64	--	28.80	9.10
ES-8	07/14/09	24.74	--	16.49	--	28.85	8.25
ES-8	10/06/09	24.74	--	17.03	--	29.16	7.71
ES-8	07/28/10	24.74	--	16.41	--	29.21	8.33
ES-8	02/08/11	24.74	--	16.01	--	29.11	8.73

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-9	09/01/93	23.33	--	19.74	--	nm	3.59
ES-9	10/07/93	23.33	--	17.90	--	nm	5.43
ES-9	12/06/93	23.33	--	18.00	--	nm	5.33
ES-9	01/05/94	23.33	--	17.80	--	nm	5.53
ES-9	02/02/94	23.33	--	17.02	--	nm	6.31
ES-9	03/02/94	23.33	--	17.12	--	nm	6.21
ES-9	04/07/94	23.33	--	17.24	--	nm	6.09
ES-9	05/05/94	23.33	--	17.04	--	nm	6.29
ES-9	06/07/94	23.33	--	17.06	--	nm	6.27
ES-9	07/13/94	23.33	--	17.40	--	nm	5.93
ES-9	08/03/94	23.33	--	17.10	--	nm	6.23
ES-9	09/14/94	23.33	--	17.09	--	nm	6.24
ES-9	10/06/94	23.33	--	17.46	--	nm	5.87
ES-9	11/02/94	23.33	--	17.55	--	nm	5.78
ES-9	12/07/94	23.33	--	16.79	--	nm	6.54
ES-9	01/13/95	23.33	--	15.80	--	nm	7.53
ES-9	02/14/95	23.33	--	15.49	--	nm	7.84
ES-9	03/07/95	23.33	--	15.79	--	nm	7.54
ES-9	04/11/95	23.33	--	15.23	--	nm	8.10
ES-9	05/09/95	23.33	--	15.72	--	nm	7.61
ES-9	06/09/95	23.33	--	16.13	--	nm	7.20
ES-9	07/06/95	23.33	--	16.34	--	nm	6.99
ES-9	08/10/95	23.33	--	16.67	--	nm	6.66
ES-9	09/07/95	23.33	--	16.87	--	nm	6.46
ES-9	10/03/95	23.33	--	17.09	--	nm	6.24
ES-9	10/05/95	23.33	--	17.09	--	nm	6.24
ES-9	11/02/95	23.33	--	17.30	--	nm	6.03
ES-9	12/07/95	23.33	--	17.48	--	nm	5.85
ES-9	01/03/96	23.33	--	17.12	--	nm	6.21
ES-9	02/06/96	23.33	--	16.00	--	nm	7.33
ES-9	03/12/96	23.33	--	15.63	--	nm	7.70
ES-9	04/09/96	23.33	--	15.92	--	nm	7.41
ES-9	05/07/96	23.33	--	16.17	--	nm	7.16
ES-9	06/05/96	23.33	--	16.19	--	nm	7.14
ES-9	07/09/96	23.33	--	16.52	--	nm	6.81
ES-9	09/05/96	23.33	--	16.92	--	nm	6.41
ES-9	10/08/96	23.33	--	17.19	--	nm	6.14
ES-9	11/08/96	23.33	--	17.37	--	nm	5.96
ES-9	12/13/96	23.33	--	17.09	--	nm	6.24
ES-9	01/16/97	23.33	--	15.99	--	nm	7.34
ES-9	02/14/97	23.33	--	15.71	--	nm	7.62
ES-9	03/07/97	23.33	--	16.12	--	nm	7.21
ES-9	04/17/97	23.33	--	16.66	--	nm	6.67
ES-9	09/24/08	23.33	--	15.88	--	34.91	7.45
ES-9	04/08/09	23.33	--	14.14	--	34.97	9.19
ES-9	07/14/09	23.33	--	14.98	--	34.94	8.35
ES-9	10/06/09	23.33	--	15.52	--	34.91	7.81
ES-9	07/28/10	23.33	--	15.31	--	34.94	8.02
ES-9	02/08/11	23.33	--	14.89	--	34.84	8.44

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-10	09/01/93	95.24	--	18.04	--	nm	77.20
ES-10	10/07/93	95.24	--	17.40	--	nm	77.84
ES-10	11/02/93	95.24	--	17.46	--	nm	77.78
ES-10	12/06/93	95.24	--	17.44	--	nm	77.80
ES-10	01/05/94	95.24	--	17.27	--	nm	77.97
ES-10	02/02/94	95.24	--	17.25	--	nm	77.99
ES-10	03/02/94	95.24	--	16.61	--	nm	78.63
ES-10	04/07/94	95.24	--	16.74	--	nm	78.50
ES-10	05/05/94	95.24	--	16.55	--	nm	78.69
ES-10	06/07/94	95.24	--	17.50	--	nm	77.74
ES-10	07/13/94	95.24	--	16.10	--	nm	79.14
ES-10	08/03/94	95.24	--	16.20	--	nm	79.04
ES-10	09/14/94	95.24	--	16.48	--	nm	78.76
ES-10	10/06/94	95.24	--	16.96	--	nm	78.28
ES-10	11/02/94	95.24	--	17.05	--	nm	78.19
ES-10	12/07/94	95.24	--	16.29	--	nm	78.95
ES-10	01/13/95	95.24	--	15.42	--	nm	79.82
ES-10	02/14/95	95.24	--	15.05	--	nm	80.19
ES-10	03/07/95	95.24	--	15.34	--	nm	79.90
ES-10	04/11/95	95.24	--	14.82	--	nm	80.42
ES-10	05/09/95	95.24	--	15.26	--	nm	79.98
ES-10	06/09/95	95.24	--	15.70	--	nm	79.54
ES-10	07/06/95	95.24	--	15.89	--	nm	79.35
ES-10	08/10/95	95.24	--	16.21	--	nm	79.03
ES-10	09/07/95	95.24	--	16.42	--	nm	78.82
ES-10	10/03/95	95.24	--	16.59	--	nm	78.65
ES-10	10/05/95	95.24	--	16.59	--	nm	78.65
ES-10	11/02/95	95.24	--	16.77	--	nm	78.47
ES-10	12/07/95	95.24	--	16.97	--	nm	78.27
ES-10	01/03/96	95.24	--	16.61	--	nm	78.63
ES-10	02/06/96	95.24	--	15.71	--	nm	79.53
ES-10	03/12/96	95.24	--	17.35	--	nm	77.89
ES-10	04/09/96	95.24	--	15.44	--	nm	79.80
ES-10	05/07/96	95.24	--	15.75	--	nm	79.49
ES-10	06/05/96	95.24	--	17.75	--	nm	77.49
ES-10	07/09/96	95.24	--	18.04	--	nm	77.20
ES-10	09/05/96	95.24	--	16.45	--	nm	78.79
ES-10	10/08/96	95.24	--	16.70	--	nm	78.54
ES-10	11/08/96	95.24	--	16.87	--	nm	78.37
ES-10	12/13/96	95.24	--	16.55	--	nm	78.69
ES-10	01/16/97	95.24	--	15.49	--	nm	79.75
ES-10	02/14/97	95.24	--	15.23	--	nm	80.01
ES-10	03/07/97	95.24	--	15.67	--	nm	79.57
ES-10	04/17/97	95.24	--	16.18	--	nm	79.06
ES-10[3]	09/24/08	nm	nm	nm	nm	nm	nm
ES-10[3]	07/14/09	nm	nm	nm	nm	nm	nm
ES-10[3]	10/06/09	nm	nm	nm	nm	nm	nm
ES-10[3]	07/28/10	nm	nm	nm	nm	nm	nm
ES-10[3]	02/08/11	nm	nm	nm	nm	nm	nm

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 11-1379

Well No.	Date	Elevation to Top of Casing (feet MSL)[1]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Groundwater Elevation (feet MSL)
ES-11	09/01/93	24.08	--	18.74	--	nm	5.34
ES-11	10/07/93	24.08	--	18.90	--	nm	5.18
ES-11	11/02/93	24.08	--	19.00	--	nm	5.08
ES-11	12/06/93	24.08	--	19.02	--	nm	5.06
ES-11	01/05/94	24.08	--	18.86	--	nm	5.22
ES-11	02/02/94	24.08	--	18.74	--	nm	5.34
ES-11	03/02/94	24.08	--	18.14	--	nm	5.94
ES-11	04/07/94	24.08	--	18.38	--	nm	5.70
ES-11	05/05/94	24.08	--	18.15	--	nm	5.93
ES-11	06/07/94	24.08	--	18.28	--	nm	5.80
ES-11	07/13/94	24.08	--	18.60	--	nm	5.48
ES-11	08/03/94	24.08	--	18.18	--	nm	5.90
ES-11	09/14/94	24.08	--	18.47	--	nm	5.61
ES-11	10/06/94	24.08	--	18.55	--	nm	5.53
ES-11	11/02/94	24.08	--	18.64	--	nm	5.44
ES-11	12/07/94	24.08	--	17.49	--	nm	6.59
ES-11	01/13/95	24.08	--	17.16	--	nm	6.92
ES-11	02/14/95	24.08	--	16.76	--	nm	7.32
ES-11	03/07/95	24.08	--	17.04	--	nm	7.04
ES-11	04/11/95	24.08	--	16.54	--	nm	7.54
ES-11	05/09/95	24.08	--	16.95	--	nm	7.13
ES-11	06/09/95	24.08	--	17.34	--	nm	6.74
ES-11	07/06/95	24.08	--	17.54	--	nm	6.54
ES-11	08/10/95	24.08	--	17.85	--	nm	6.23
ES-11	09/07/95	24.08	--	18.03	--	nm	6.05
ES-11	10/03/95	24.08	--	18.20	--	nm	5.88
ES-11	10/05/95	24.08	--	18.20	--	nm	5.88
ES-11	11/02/95	24.08	--	18.38	--	nm	5.70
ES-11	12/07/95	24.08	--	18.59	--	nm	5.49
ES-11	01/03/96	24.08	--	18.21	--	nm	5.87
ES-11	02/06/96	24.08	--	17.45	--	nm	6.63
ES-11	03/12/96	24.08	--	16.83	--	nm	7.25
ES-11	04/09/96	24.08	--	17.13	--	nm	6.95
ES-11	05/07/96	24.08	--	17.42	--	nm	6.66
ES-11	06/05/96	24.08	--	17.42	--	nm	6.66
ES-11	07/09/96	24.08	--	17.71	--	nm	6.37
ES-11	09/05/96	24.08	--	18.07	--	nm	6.01
ES-11	10/08/96	24.08	--	18.29	--	nm	5.79
ES-11	11/08/96	24.08	--	18.45	--	nm	5.63
ES-11	12/13/96	24.08	--	18.09	--	nm	5.99
ES-11	01/16/97	24.08	--	17.10	--	nm	6.98
ES-11	02/14/97	24.08	--	16.90	--	nm	7.18
ES-11	03/07/97	24.08	--	17.30	--	nm	6.78
ES-11	04/17/97	24.08	--	17.80	--	nm	6.28
ES-11	09/24/08	24.08	--	16.29	--	35.00	7.79
ES-11	04/08/09	24.08	--	14.59	--	35.05	9.49
ES-11	07/14/09	24.08	--	15.38	--	35.03	8.70
ES-11	10/06/09	24.08	--	15.90	--	35.04	8.18
ES-11	07/28/10	24.08	--	15.94	--	35.19	8.14
ES-11	02/08/11	24.08	--	15.51	--	34.94	8.57

nm = not measured nd = not determined -- = none detected BMP = Below Measuring Point

Note: 1) On April 8, 2009, the well network was surveyed according to the North American Vertical Datum 1988 (NAVD 88) system.
2) Well casings are not vertical.
3) Monitoring well ES-10 has been paved over and is not accessible.
4) Data not entered due to apparent typographical error in previous consultant's findings.

Table 3a - Summary of Groundwater Analytical Results (February 2011)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o
BC-1	02/09/11	0.035	0.0025	0.0028	0.0047	0.045	0.0023	<0.0005	<0.0005	<0.0005	0.049	<0.0005	<0.0005	<0.004	<0.100	**0.420**	**0.370**	<0.250
BC-2	02/09/11	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
BC-3	02/09/11	0.00044 J	0.00069	0.0013	0.0022	0.005	0.00088	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250
ES-1	02/09/11	**0.390**	0.041	**0.052**	0.071	0.554	**0.033**	<0.005	<0.005	<0.005	0.049	<0.005	<0.005	<0.040	<1.00	**4.40**	**0.810**	<0.250
ES-2	02/09/11	**1.00**	0.076	0.020 J	**0.110**	1.21	<0.012	<0.012	<0.012	<0.012	0.099	<0.012	<0.012	<0.100	<2.50	**5.50**	**1.70**	**0.500**
ES-3	02/09/11	**0.120**	0.074	**0.360**	**0.400**	0.954	**0.180**	<0.0025	<0.0025	<0.0025	0.180	<0.0025	<0.0025	<0.020	<0.500	**4.30**	**1.60**	<0.250
ES-4	02/09/11	0.001	0.00058	0.00049 J	0.00097	0.003	0.00056	<0.00025	<0.00025	<0.00025	0.017	<0.00025	<0.00025	<0.002	<0.050	**0.220**	0.072	<0.250
ES-5	02/09/11	**0.650**	**0.180**	**0.400**	**0.330**	1.56	**0.170**	<0.0083	<0.0083	<0.0083	0.017	<0.0083	<0.0083	<0.067	<1.70	**9.70**	**2.20**	<0.250
ES-6	02/09/11	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	0.00037 J	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250
ES-7	02/09/11	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250
ES-8	02/08/11	0.0014	<0.00025	<0.00025	<0.00025	0.001	<0.00025	<0.00025	<0.00025	<0.00025	0.120	<0.00025	<0.00025	<0.002	<0.050	**0.280**	0.091	<0.250
ES-9	02/08/11	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	0.00045 J	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250
ES-10	02/09/11	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	02/09/11	0.00047 J	<0.00025	0.00026 J	<0.00025	0.001	0.00027 J	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250
San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs; drinking water resource)		0.001	0.040	0.030	0.020	ne	0.017	0.005	ne	ne	ne	0.00005	0.0005	0.012	ne	0.100	0.100	0.100
RWQCB ESLs (non-drinking water resource)		**0.046**	**0.130**	**0.043**	**0.100**	ne	**0.024**	**1.80**	ne	ne	ne	**0.150**	**0.200**	**18.0**	ne	**0.210**	**0.210**	**0.210**
RWQCB ESLs (potential vapor intrusion concerns, commercial)		**1.80**	**530**	**170**	**160**	ne	**11.0**	**80.0**	ne	ne	ne	**0.510**	**0.690**	(use soil gas)	ne	(use soil gas)	(use soil gas)	ne

Analytical test results are reported in milligrams per liter (mg/L).
Bolded results indicate detected concentrations exceeded RWQCB ESLs for non-drinking water resource.
ne = not established ns = not sampled dne = does not exist na = not analyzed <, BDL = below laboratory detection limits
J = reported result is between the MDL and PQL

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
BC-1	04/17/97	**0.160**	**0.072**	**0.035**	**0.093**	0.360	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.200**	**0.640**	nt	nt
	07/15/97	**0.520**	**0.130**	**0.170**	**0.290**	1.110	nt	**0.100**	nt	nt	nt	nt	nt	nt	nt	**11.0**	**95.0**	nt	**0.203**
	10/07/97	**0.310**	**0.600**	**0.370**	**1.90**	3.180	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**31.0**	**484**	nt	**4.34**
	09/25/08	**0.220**	**0.022**	**0.032**	**0.038**	0.312	**0.016**	<0.00031	<0.00014	**0.00026 J**	**0.082**	**0.00039 J**	<0.00024	<0.006	<0.074	**3.70**	**2.00**	<0.290	nt
	04/09/09	**0.130**	**0.020**	**0.017**	**0.033**	0.200	**0.006**	<0.0003	<0.00014	**0.00058 J**	**0.074**	**0.00027 J**	<0.00023	<0.017	<0.074	**2.10**	**3.70**	<0.033	nt
	07/15/09	**0.200**	**0.039**	**0.035**	**0.058**	0.332	**0.014**	<0.00032	<0.00014	<0.00014	**0.110**	**0.00028 J**	<0.00023	<0.017	<0.074	**3.20**	**0.910**	**0.150**	nt
	10/07/09	**0.230**	0.034	0.045	0.062	0.371	0.023	<0.00032	<0.00014	<0.00014	0.060	<0.00017	<0.00023	<0.017	<0.074	**3.70**	**0.630**	0.064	nt
	07/29/10	**0.076**	0.0049	0.0086	0.0085	0.098	0.0048	<0.00083	<0.00083	<0.00083	nt	<0.00083	<0.00083	<0.0033	<0.083	**1.00**	**0.290**	<0.250	nt
	02/09/11	0.035	0.0025	0.0028	0.0047	0.045	0.0023	<0.0005	<0.0005	<0.0005	0.049	<0.0005	<0.0005	<0.004	<0.100	**0.420**	**0.370**	<0.250	nt
BC-2	07/08/92	BDL	BDL	BDL	**0.008**	0.008	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**2.10**	nt	nt
	10/06/92	BDL	**0.001**	**0.001**	**0.007**	0.009	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	BDL	**0.001**	**0.002**	**0.010**	0.012	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.130**	nt	nt
	07/23/93	**0.001**	**0.002**	**0.002**	**0.008**	0.013	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	**0.500**	nt	BDL
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.40**	nt	nt
	01/05/94	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt
	04/07/94	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt
	07/13/94	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt
	10/06/94	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**1.10**	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.290**	nt	nt
	10/05/95	**0.001**	BDL	BDL	**0.001**	0.002	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**1.50**	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.050**	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.680**	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.920**	nt	BDL
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	04/09/09	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	07/15/09	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	10/07/09	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	07/29/10	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	02/09/11	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
BC-3	07/08/92	BDL	**0.003**	BDL	**0.006**	0.009	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**3.90**	nt	nt
	10/06/92	BDL	**0.002**	**0.001**	**0.002**	0.004	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.800**	nt	nt
	01/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.120**	nt	nt
	07/23/93	**0.003**	**0.004**	**0.002**	**0.008**	0.018	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**nt***	nt	nt
	10/07/93	BDL	BDL	**0.0001**	**0.002**	0.003	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.40**	nt	nt
	01/05/94	BDL	BDL	BDL	**0.002**	0.002	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**1.80**	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.850**	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.200**	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.820**	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.890**	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.380**	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.490**	nt	BDL
	10/07/97	BDL	BDL	**0.002**	**0.002**	0.003	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.051**	**1.34**	nt	BDL
	09/25/08	<0.0004	**0.0006 J**	**0.0006 J**	<0.0003	0.001	<0.0003	<0.00031	<0.00014	**0.0007 J**	<0.00036	<0.00031	<0.00024	<0.006	<0.074	<0.084	<0.021	**1.30**	nt
	04/09/09	**0.006**	**0.0008 J**	**0.0008 J**	**0.0012 J**	0.009	**0.005**	<0.0003	<0.00014	**0.00052 J**	**0.00043 J**	<0.00017	<0.00023	<0.017	<0.074	<0.024	**0.018 J**	**0.880**	nt
	07/15/09	**0.0049 J**	**0.0006 J**	**0.0003 J**	<0.00013	0.006	**0.00022 J**	<0.00032	<0.00014	**0.00044 J**	**0.0003 J**	<0.00017	<0.00023	<0.017	<0.074	**0.019 J**	**0.059**	**0.170**	nt
	10/07/09	**0.003**	0.0003 J	0.0002 J	0.0004 J	0.004	0.0002 J	<0.00032	<0.00014	<0.00014	0.0004 J	<0.00017	<0.00023	<0.017	<0.074	0.025 J	0.058	0.110	nt
	07/29/10	0.0017	0.00047 J	0.00078	0.00055	0.002	0.00059	<0.00025	<0.00025	<0.00025	nt	<0.00025	<0.00025	<0.001	<0.025	<0.050	<0.050	<0.250	nt
	02/09/11	0.00044 J	0.00069	0.0013	0.0022	0.005	0.00088	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250	nt
ES-1	11/19/91	**0.130**	**0.043**	**0.010**	**0.091**	0.274	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/17/97	**0.110**	**0.018**	**0.007**	**0.045**	0.180	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**1.00**	BDL	nt	nt
	07/16/97	**0.076**	**0.008**	**0.011**	**0.025**	0.120	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.960**	**1.20**	nt	**0.014**
	10/07/97	**0.049**	**0.034**	**0.011**	**0.023**	0.100	nt	**0.014**	nt	nt	nt	nt	nt	nt	nt	**1.70**	**2.77**	nt	**0.010**
	09/25/08	**0.140**	**0.009**	**0.014**	**0.016**	0.179	**0.011**	<0.00031	<0.00014	<0.00026	**0.130**	<0.00031	**0.00049 J**	<0.006	<0.074	**2.90**	**2.50**	<0.290	nt
	04/09/09	**0.260**	**0.029**	**0.027**	**0.049**	0.365	**0.025**	<0.00032	<0.00014	<0.00014	**0.066**	**0.00037 J**	**0.00047 J**	<0.017	<0.074	**2.40**	**3.60**	<0.036	nt
	07/15/09	**0.300**	**0.063**	**0.092**	**0.090**	0.545	**0.053**	<0.00032	<0.00014	**0.00023 J**	**0.100**	**0.00038 J**	**0.00086 J**	<0.017	<0.074	**5.00**	**0.930**	**0.210**	nt
	10/07/09	**0.340**	0.036	0.044	0.053	0.473	**0.037**	<0.00032	<0.00014	<0.00014	0.082	<0.00017	**0.0007 J**	<0.017	<0.074	**4.10**	**0.610**	0.100	nt
	07/29/10	**0.630**	0.061	**0.110**	**0.120**	0.921	**0.095**	<0.0062	<0.0062	<0.0062	nt	<0.0062	<0.0062	<0.025	<0.620	**5.20**	**1.10**	<0.250	nt
	02/09/11	**0.390**	0.041	**0.052**	0.071	0.554	**0.033**	<0.005	<0.005	<0.005	0.049	<0.005	<0.005	<0.040	<1.00	**4.40**	**0.810**	<0.250	nt
ES-2	11/19/91	**0.390**	**0.096**	**0.078**	**0.310**	0.874	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/17/97	**0.340**	**0.110**	**0.110**	**0.240**	0.800	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**3.80**	**1.80**	nt	nt
	07/15/97	**0.190**	**0.140**	**0.073**	**0.250**	0.653	nt	**0.081**	nt	nt	nt	nt	nt	nt	nt	**3.70**	**16.0**	nt	**0.194**
	10/07/97	**0.190**	**0.046**	**0.046**	**0.070**	0.352	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**7.20**	**8.04**	nt	**0.993**
	09/25/08	**0.700**	**0.053**	**0.029**	**0.084**	0.866	**0.010**	<0.00031	<0.00014	**0.00041 J**	**0.100**	<0.00031	**0.00038 J**	<0.006	<0.074	**6.00**	**1.50**	nt	<0.290
	04/09/09	**0.690**	**0.059**	**0.027 J**	**0.072**	0.848	**0.008 J**	<0.0032	<0.0014	**0.0056 J**	**0.110**	<0.0017	<0.0023	<0.170	<0.740	**2.20**	**7.50**	<0.038	nt
	07/15/09	**0.700**	**0.068**	**0.023**	**0.094**	0.885	**0.0019 J**	<0.00032	<0.00014	**0.00042 J**	**0.120**	**0.00025 J**	<0.00023	<0.017	<0.074	**8.40**	**1.30**	**0.230**	nt
	10/07/09	**0.730**	0.061	0.030	0.090	0.911	0.004	<0.00032	<0.00014	<0.00014	0.085	<0.00017	<0.00023	<0.017	<0.074	**6.00**	**1.10**	0.980	nt
	07/29/10	**0.800**	0.057	0.015 J	0.078	0.950	0.011 J	<0.0083	<0.0083	<0.0083	nt	<0.0083	<0.0083	<0.033	<0.830	**8.30**	**1.30**	<0.250	nt
	02/09/11	**1.00**	0.076	0.020 J	**0.110**	1.21	<0.012	<0.012	<0.012	<0.012	0.099	<0.012	<0.012	<0.100	<2.50	**5.50**	**1.70**	**0.500**	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-3	11/19/91	**0.061**	**0.016**	**0.014**	**0.033**	0.124	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**BDL**	nt	nt
	07/08/92	**0.051**	**0.021**	**0.048**	**0.034**	0.157	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.30**	nt	nt
	10/06/92	**0.093**	**0.018**	BDL	**0.011**	0.122	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	**0.052**	**0.049**	**0.100**	**0.250**	0.451	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	**0.053**	BDL	**0.067**	**0.078**	0.198	nt	nt	nt	nt	nt	nt	nt	nt	nt	**4.50**	**0.510**	nt	nt
	07/23/93	**0.028**	**0.006**	**0.005**	**0.005**	0.043	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.50**	**0.600**	nt	nt
	10/07/93	**0.002**	**0.001**	BDL	**0.002**	0.005	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	**0.013**	**0.002**	**0.007**	**0.005**	0.027	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.530**	nt	nt	nt
	04/07/94	**0.010**	**0.009**	**0.026**	**0.034**	0.079	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.850**	**0.910**	nt	nt
	07/13/94	**0.002**	**0.001**	**0.001**	**0.003**	0.007	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.370**	**0.280**	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	**0.019**	**0.015**	**0.072**	**0.088**	0.194	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.60**	**1.10**	nt	nt
	04/11/95	**0.020**	**0.007**	**0.036**	**0.022**	0.085	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.940**	**0.390**	nt	nt
	07/06/95	**0.006**	BDL	**0.007**	BDL	0.013	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.240**	**1.20**	nt	nt
	10/05/95	**0.002**	**0.002**	BDL	BDL	0.004	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.110**	nt	nt
	01/05/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.120**	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/08/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/16/97	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.051**	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.120**	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.170**	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.205**	nt	BDL
	09/24/08	**0.230**	**0.017**	**0.023**	**0.048**	0.318	**0.028**	<0.00031	<0.00014	**0.00028 J**	**0.110**	<0.00031	**0.00078 J**	<0.006	<0.074	**3.00**	**1.40**	<0.290	nt
	04/09/09	**0.340**	**0.091**	**0.180**	**0.372**	0.983	**0.083**	<0.0016	<0.00071	<0.00068	**0.096**	<0.00086	<0.0011	<0.084	<0.370	**2.60**	**9.70**	<0.032	nt
	07/15/09	**0.230**	**0.075**	**0.190**	**0.413**	0.908	**0.110**	<0.0016	<0.00071	<0.00068	**0.045 J**	<0.00086	<0.0011	<0.084	<0.370	**9.40**	**1.40**	**0.280**	nt
	10/07/09	**0.250**	0.028	0.042	0.105	0.425	**0.035**	<0.00032	<0.00014	<0.00014	0.100	<0.00017	**0.0008 J**	<0.017	<0.074	**4.70**	**0.860**	0.084	nt
	07/29/10	**0.120**	0.044	**0.200**	**0.200**	0.564	**0.110**	<0.0025	<0.0025	<0.0025	nt	<0.0025	<0.0025	<0.010	<0.250	**5.80**	**1.20**	<0.250	nt
	02/09/11	**0.120**	0.074	**0.360**	**0.400**	0.954	**0.180**	<0.0025	<0.0025	<0.0025	0.180	<0.0025	<0.0025	<0.020	<0.500	**4.30**	**1.60**	<0.250	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-4	11/19/91	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	07/08/92	**0.031**	**0.006**	BDL	**0.003**	0.039	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	10/06/92	**0.100**	**0.008**	BDL	**0.008**	0.116	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	**0.030**	**0.007**	**0.008**	**0.016**	0.060	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	**0.033**	**0.002**	**0.002**	**0.005**	0.042	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.360**	BDL	nt	nt
	07/23/93	**0.024**	**0.001**	**0.001**	**0.008**	0.034	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	**0.008**	BDL	BDL	**0.002**	0.010	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	**0.015**	**0.001**	**0.0004**	**0.003**	0.019	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.130**	BDL	nt	nt
	04/07/94	**0.011**	BDL	BDL	BDL	0.011	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.170**	BDL	nt	nt
	07/13/94	**0.009**	BDL	BDL	**0.001**	0.010	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.130**	BDL	nt	nt
	10/06/94	**0.018**	BDL	**0.002**	**0.003**	0.023	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.100**	BDL	nt	nt
	01/13/95	**0.012**	BDL	BDL	**0.002**	0.014	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.150**	BDL	nt	nt
	04/11/95	**0.039**	**0.004**	**0.012**	**0.024**	0.079	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.180**	BDL	nt	nt
	07/06/95	**0.100**	**0.010**	**0.026**	**0.061**	0.197	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.600**	**0.160**	nt	nt
	10/05/95	**0.210**	**0.016**	**0.071**	**0.084**	0.381	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.20**	**0.170**	nt	nt
	01/05/96	**0.034**	BDL	**0.005**	**0.004**	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.120**	BDL	nt	nt
	04/09/96	**0.057**	**0.003**	**0.017**	**0.019**	0.096	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	07/09/96	**0.043**	**0.005**	**0.021**	**0.017**	0.086	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.220**	BDL	nt	nt
	10/08/96	**0.110**	**0.004**	**0.042**	**0.039**	0.195	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.860**	BDL	nt	nt
	01/16/97	**0.005**	BDL	BDL	**0.001**	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.059**	BDL	nt	nt
	04/17/97	**0.087**	**0.011**	**0.049**	**0.024**	0.171	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.100**	nt	nt
	07/15/97	**0.110**	**0.011**	**0.042**	**0.040**	0.203	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.920**	**0.370**	nt	**0.018**
	10/07/97	**0.011**	BDL	**0.028**	**0.023**	0.016	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.120**	**0.101**	nt	**0.024**
	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.0007 J**	**0.007 J**	<0.00031	<0.00024	<0.006	<0.074	**0.069**	**0.091**	nt	<0.029
	04/09/09	**0.008**	**0.0008 J**	**0.0016 J**	**0.0025 J**	0.013	**0.0007 J**	<0.0003	<0.00014	**0.00054 J**	**0.020**	<0.00017	<0.00023	<0.017	<0.074	**0.640**	**0.520**	<0.034	nt
	07/15/09	**0.0076**	**0.0017 J**	**0.0042 J**	<0.00013	0.014	**0.0019 J**	<0.00032	<0.00014	<0.00014	**0.025**	<0.00017	<0.00023	<0.017	<0.074	**0.800**	**0.110**	**0.045 J**	nt
	10/07/09	0.0002 J	<0.00029	0.0002 J	0.0005 J	0.001	<0.00011	<0.00032	<0.00014	<0.00014	0.014	<0.00017	<0.00023	<0.017	<0.074	**0.310**	0.081	<0.029	nt
	07/29/10	0.00081	<0.00025	0.00031 J	0.00058	0.002	0.00026 J	<0.00025	<0.00025	<0.00025	nt	<0.00025	<0.00025	<0.001	<0.025	**0.250**	0.120	<0.250	nt
	02/09/11	0.001	0.00058	0.00049 J	0.00097	0.003	0.00056	<0.00025	<0.00025	<0.00025	0.017	<0.00025	<0.00025	<0.002	<0.050	**0.220**	0.072	<0.250	nt
ES-5	11/19/91	**2.10**	**3.90**	**0.840**	**6.00**	12.840	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**950**	nt	nt
	04/17/97	**0.590**	**1.20**	**0.180**	**1.00**	2.970	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**2.40**	**1.60**	nt	nt
	07/16/97	**0.810**	**1.80**	**0.430**	**1.80**	9.680	nt	**0.350**	nt	nt	nt	nt	nt	nt	nt	**27.0**	**15.0**	nt	**216**
	10/07/97	**0.260**	**0.470**	**0.160**	**0.590**	1.480	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**15.0**	**6.51**	nt	**0.424**
	09/25/08	**0.970**	**0.190**	**0.400**	**0.350**	1.910	**0.180**	<0.00031	<0.00014	<0.00026	**0.150**	<0.00031	**0.00057 J**	<0.006	<0.074	**12.0**	**1.90**	<0.290	nt
	04/09/09	**0.590**	**0.150**	**0.230**	**0.248**	1.220	**0.100**	<0.0032	<0.0014	**0.0059 J**	**0.030 J**	<0.0017	<0.0023	<0.170	<0.740	**3.70**	**10.0**	<0.033	nt
	07/15/09	**0.770**	**0.220**	**0.430**	**0.407**	1.827	**0.180**	<0.0016	<0.00071	<0.00068	**0.063**	<0.00086	<0.0011	<0.084	<0.370	**16.0**	**1.30**	**0.180**	nt
	10/07/09	**0.710**	**0.190**	0.440	0.373	1.713	**0.160**	<0.0032	<0.0014	<0.0014	0.068	<0.0017	<0.0023	<0.170	<0.740	**12.0**	**1.50**	0.140	nt
	07/29/10	**0.400**	**0.120**	**0.270**	**0.220**	1.010	**0.160**	<0.005	<0.005	<0.005	nt	<0.005	<0.005	<0.020	<0.500	**11.0**	**1.80**	**0.310**	nt
	02/09/11	**0.650**	**0.180**	**0.400**	**0.330**	1.56	**0.170**	<0.0083	<0.0083	<0.0083	0.017	<0.0083	<0.0083	<0.067	<1.70	**9.70**	**2.20**	<0.250	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-6	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	**0.001**	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.160**	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	**0.002**	0.002	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/05/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.220**	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/08/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/16/97	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.120**	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.060**	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	BDL
	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	**0.0005 J**	<0.00031	<0.00014	**0.00065 J**	**0.003 J**	<0.00031	<0.00024	<0.006	<0.074	<0.017	**0.068**	<0.290	nt
	04/08/09	<0.0001	<0.0002	<0.0001	<0.0001	BDL	<0.0001	<0.0003	<0.00014	**0.00055 J**	**0.00093 J**	<0.00017	<0.00023	<0.017	<0.074	<0.022	<0.016	**0.170**	nt
	07/15/09	**0.0021 J**	**0.00086 J**	**0.0021 J**	<0.00013	0.005	**0.0012 J**	<0.00032	<0.00014	**0.00074 J**	**0.00088 J**	<0.00017	<0.00023	<0.017	<0.074	**0.061**	**0.073**	**0.200**	nt
	10/06/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	0.0004 J	<0.00017	<0.00023	<0.017	<0.074	0.017 J	0.030 J	0.034 J	nt
	07/29/10	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	nt	<0.00025	<0.00025	<0.001	<0.025	<0.050	<0.050	<0.250	nt
	02/09/11	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	0.00037 J	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250	nt
ES-7	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.110**	**0.100**	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**0.060**	nt	nt
	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.00066 J**	<0.00036	<0.00031	<0.00024	<0.006	<0.074	<0.017	<0.002	**0.150**	nt
	04/08/09	<0.0001	<0.0002	<0.0001	<0.0001	BDL	<0.0001	<0.0003	<0.00014	**0.00053 J**	<0.00015	<0.00017	<0.00023	<0.017	<0.074	<0.023	<0.016	**0.690**	nt
	07/15/09	**0.0013 J**	**0.00051 J**	**0.00096 J**	<0.00013	0.003	**0.00052 J**	<0.00032	<0.00014	**0.0007 J**	<0.00015	<0.00017	<0.00023	<0.017	<0.074	**0.027 J**	**0.031 J**	**0.093**	nt
	10/06/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	<0.00015	<0.00017	<0.00023	<0.017	<0.074	0.024 J	<0.02	0.041 J	nt
	07/29/10	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	nt	<0.00025	<0.00025	<0.001	<0.025	<0.050	<0.050	<0.250	nt
	02/09/11	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-8	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	04/08/09	**0.015**	**0.0014 J**	**0.002 J**	**0.0027 J**	0.021	**0.0003 J**	<0.0003	<0.00014	<0.00014	**0.056**	<0.00017	<0.00023	<0.017	<0.074	**1.60**	**2.30**	<0.033	nt
	07/14/09	**0.0058**	**0.00083 J**	**0.00061 J**	<0.00013	0.007	<0.00011	<0.00032	<0.00014	<0.00014	**0.045**	<0.00017	<0.00023	<0.017	<0.074	**1.80**	**0.540**	**0.230**	nt
	10/06/09	**0.007**	0.001 J	0.001 J	0.001 J	0.010	0.0002 J	<0.00032	<0.00014	<0.00014	0.036	<0.00017	<0.00023	<0.017	<0.074	**1.90**	**0.270**	0.170	nt
	07/28/10	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	nt	<0.00025	<0.00025	<0.001	<0.025	**0.260**	0.084	<0.250	nt
	02/08/11	0.0014	<0.00025	<0.00025	<0.00025	0.001	<0.00025	<0.00025	<0.00025	<0.00025	0.120	<0.00025	<0.00025	<0.002	<0.050	**0.280**	0.091	<0.250	nt
ES-9	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**1.10**	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	04/08/09	<0.0001	<0.0002	<0.0001	<0.0001	BDL	<0.0001	<0.0003	<0.00014	**0.00055 J**	**0.00056 J**	<0.00017	<0.00023	<0.017	<0.074	<0.023	<0.016	**0.210**	nt
	07/15/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	**0.00066 J**	**0.00052 J**	<0.00017	<0.00023	<0.017	<0.074	<0.016	**0.028 J**	**0.061**	nt
	10/06/09	<0.0001	<0.00029	<0.00015	0.0002 J	0.000	<0.00011	<0.00032	<0.00014	<0.00014	0.0005 J	<0.00017	<0.00023	<0.017	<0.074	0.022 J	0.027 J	0.052	nt
	07/28/10	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	nt	<0.00025	<0.00025	<0.001	<0.025	<0.050	<0.050	<0.250	nt
	02/08/11	<0.00025	<0.00025	<0.00025	<0.00025	BDL	<0.00025	<0.00025	<0.00025	<0.00025	0.00045 J	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDB	EDC	TBA	Ethanol	TPH-g	TPH-d	TPH-o	Total PAHs
ES-10	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/24/08	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	04/09/09	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	07/15/09	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	10/7/2009	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	07/29/10	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	02/09/11	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	07/23/93	<0.0003	**0.001**	<0.0003	**0.001**	0.002	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.350**	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.170**	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.00067 J**	<0.00036	<0.00031	<0.00024	<0.006	<0.074	<0.017	**0.028 J**	<0.029	nt
	04/09/09	**0.0025 J**	**0.0009 J**	**0.0017 J**	**0.0030 J**	0.008	**0.0011 J**	<0.0003	<0.00014	**0.00052 J**	**0.00025 J**	<0.00017	<0.00023	<0.017	<0.074	<0.025	<0.016	**0.200**	nt
	07/15/09	**0.0028 J**	**0.00097 J**	**0.0021 J**	<0.00013	0.006	**0.0014 J**	<0.00032	<0.00014	<0.00014	**0.00025 J**	<0.00017	<0.00023	<0.017	<0.074	**0.041 J**	<0.020	<0.029	nt
	10/07/09	<0.0001	<0.00029	<0.00015	<0.00013	BDL	<0.00011	<0.00032	<0.00014	<0.00014	<0.00015	<0.00017	<0.00023	<0.017	<0.074	<0.016	<0.020	<0.029	nt
	07/29/10	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	02/09/11	0.00047 J	<0.00025	0.00026 J	<0.00025	0.001	0.00027 J	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.002	<0.050	<0.050	<0.050	<0.250	nt
San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs; drinking water resource)		0.001	0.040	0.030	0.020	ne	0.017	0.005	ne	ne	ne	0.00005	0.0005	0.012	ne	0.100	0.100	0.100	ne
RWQCB ESLs (non-drinking water resource)		**0.046**	**0.130**	**0.043**	**0.100**	ne	**0.024**	**1.80**	ne	ne	ne	**0.150**	**0.200**	**18.0**	ne	**0.210**	**0.210**	**0.210**	ne
RWQCB ESLs (potential vapor intrusion concerns, commercial)		**1.80**	**530**	**170**	**160**	ne	**11.0**	**80.0**	ne	ne	ne	**0.510**	**0.690**	(use soil gas)	ne	(use soil gas)	(use soil gas)	ne	ne

Analytical test results are reported in milligrams per liter (mg/L).
Bolded results indicate detected concentrations exceeded laboratory detection limits.

na = not analyzed nt = not tested for that constituent ns = not sampled dne = does not exist ne = not established <, BDL = below laboratory detection limits J = reported result is between the MDL and PQL

Notes: 1) BTEX analyzed by EPA Method 8020
2) TPH-d analyzed by EPA Method 3550/8015 Modified
3) TPH-g analyzed by EPA Method 8015M
* Sample not analyzed due to broken sample bottle during shipment

Table 4 - Cumulative Summary of Soil Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 11-1379

Sample ID	Depth in feet BGS	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-g	TPH-d	TPH-o	TFH
Investigation Samples (Collected by a Previous Consultant)																				
BC-1	16-16.5	07/08/89	nr	1.78	**37.5**	1.13	40.4	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	3,060
BC-1	25-25.5	07/08/89	<10.0	<0.001	0.027	0.008	0.035	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	<10.0
BC-2	16-16.5	07/08/89	nr	4.00	2.00	**49.5**	55.5	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	4,260
BC-2	25-25.5	07/08/89	<10.0	0.090	0.402	0.154	0.646	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	<10.0
BC-3	16-16.5	07/08/89	nr	2.24	**28.9**	1.03	32.2	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	1,850
BC-3	25-25.5	07/08/89	<10.0	<0.001	0.008	<0.001	0.008	nt	nt	nt	nt	nt	nt	nt	nt	nt	nr	nr	nr	<10.0
ES-1	16-18	11/11/91	<1.00	3.00	3.40	**22.0**	28.4	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<2.50	nt	nt
ES-2	16-18	11/12/91	<2.00	**27.0**	**28.0**	**150**	205	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<2.50	nt	nt
ES-3	16-18	11/12/91	<0.001	<0.002	<0.002	<0.004	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	<2.50	nt	nt
ES-4	16-18	11/13/91	<0.001	<0.002	<0.002	<0.004	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
ES-5	16-18	11/14/91	<0.001	0.080	0.065	0.330	0.475	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	160	nt	nt
ES-6	15-16.5	07/23/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-7	20-21.5	07/20/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-8	20-21.5	07/20/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-9	15-16.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-10	20-21.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
ES-11	20-21.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<10.0	<10.0	nt	nt
Source Area Confirmation Samples																				
B-1	6.5	10/22/10	0.0052	0.0073	<0.0037	0.033	0.0455	nt	<0.037	nt	nt	nt	nt	nt	nt	nt	16.0	27.0	nt	nt
B-1	14.0	10/22/10	0.053	0.0049	0.021	0.018	0.0969	nt	<0.040	nt	nt	nt	nt	nt	nt	nt	5.70	2.40	nt	nt
B-2	7.5	10/22/10	0.0071	<0.0039	<0.0039	<0.0039	0.0071	nt	<0.039	nt	nt	nt	nt	nt	nt	nt	1.20	<1.0	nt	nt
B-2	15.5	10/22/10	**2.50**	<2.0	4.60	**13.0**	20.1	nt	<20	nt	nt	nt	nt	nt	nt	nt	**2,400**	57.0	nt	nt
B-3	5.5	10/22/10	<0.0035	<0.0035	<0.0035	<0.0035	BDL	nt	<0.035	nt	nt	nt	nt	nt	nt	nt	<0.71	2.20	nt	nt
B-3	16.0	10/22/10	1.30	0.380	3.60	3.10	8.38	nt	<1.5	nt	nt	nt	nt	nt	nt	nt	**880**	35.0	nt	nt
B-4	9.5	10/20/10	<0.0042	<0.0042	<0.0042	<0.0042	BDL	nt	<0.042	nt	nt	nt	nt	nt	nt	nt	<0.83	<1.0	nt	nt
B-4	15.5	10/20/10	<0.82	0.870	**6.70**	**13.0**	20.6	nt	<8.2	nt	nt	nt	nt	nt	nt	nt	**1,800**	**1,400**	nt	nt
B-5	11.5	10/20/10	0.018	<0.0039	<0.0039	0.014	0.032	nt	<0.039	nt	nt	nt	nt	nt	nt	nt	8.90	9.70	nt	nt
B-5	16.0	10/20/10	<0.45	<0.45	<0.45	1.70	1.70	nt	<4.5	nt	nt	nt	nt	nt	nt	nt	**930**	**260**	nt	nt
B-6	6.0	10/21/10	<0.0038	<0.0038	<0.0038	<0.0038	BDL	nt	<0.038	nt	nt	nt	nt	nt	nt	nt	<0.76	7.70	nt	nt
B-7	5.5	10/21/10	<0.0045	<0.0045	<0.0045	<0.0045	BDL	nt	<0.045	nt	nt	nt	nt	nt	nt	nt	<0.89	1.50	nt	nt
B-7	16.0	10/21/10	<0.45	1.10	<0.45	7.10	8.20	nt	5.90	nt	nt	nt	nt	nt	nt	nt	**2,500**	**1,300**	nt	nt
B-8	5.5	10/21/10	<0.0042	<0.0042	<0.0042	<0.0042	BDL	nt	<0.042	nt	nt	nt	nt	nt	nt	nt	<0.83	4.90	nt	nt
B-8	16.0	10/21/10	**3.40**	<2.2	**7.30**	6.00	16.7	nt	<22	nt	nt	nt	nt	nt	nt	nt	**2,600**	**3,100**	nt	nt
B-9	13.0	10/21/10	<0.0042	<0.0042	<0.0042	0.0043	0.0043	nt	<0.042	nt	nt	nt	nt	nt	nt	nt	2.80	2.20	nt	nt
B-10	5.5	10/21/10	<0.0040	<0.0040	<0.0040	<0.0040	BDL	nt	<0.040	nt	nt	nt	nt	nt	nt	nt	<0.80	1.80	nt	nt
B-10	16.0	10/21/10	<2.2	<2.2	**6.80**	9.90	16.7	nt	<22	nt	nt	nt	nt	nt	nt	nt	**2,200**	99.0	nt	nt
B-11	5.5	10/21/10	<0.0040	<0.0040	<0.0040	<0.0040	BDL	nt	<0.040	nt	nt	nt	nt	nt	nt	nt	1.30	<1.0	nt	nt
B-11	14.5	10/21/10	<0.0043	<0.0043	<0.0043	<0.0043	BDL	nt	<0.043	nt	nt	nt	nt	nt	nt	nt	<0.85	7.20	nt	nt
San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs; shallow soils, <3m bgs, commercial/industrial, non-drinking water resource)			**0.270**	**9.30**	**4.70**	**11.0**	ne	**2.80**	**8.40**	ne	ne	ne	**0.480**	**0.044**	**110**	ne	**180**	**180**	**2,500**	ne
RWQCB ESLs (deep soils, >3m bgs, commercial/industrial, non-drinking water resource)			**2.00**	**9.30**	**4.70**	**11.0**	ne	**4.80**	**8.40**	ne	ne	ne	**4.30**	**1.00**	**110**	ne	**180**	**180**	**5,000**	ne

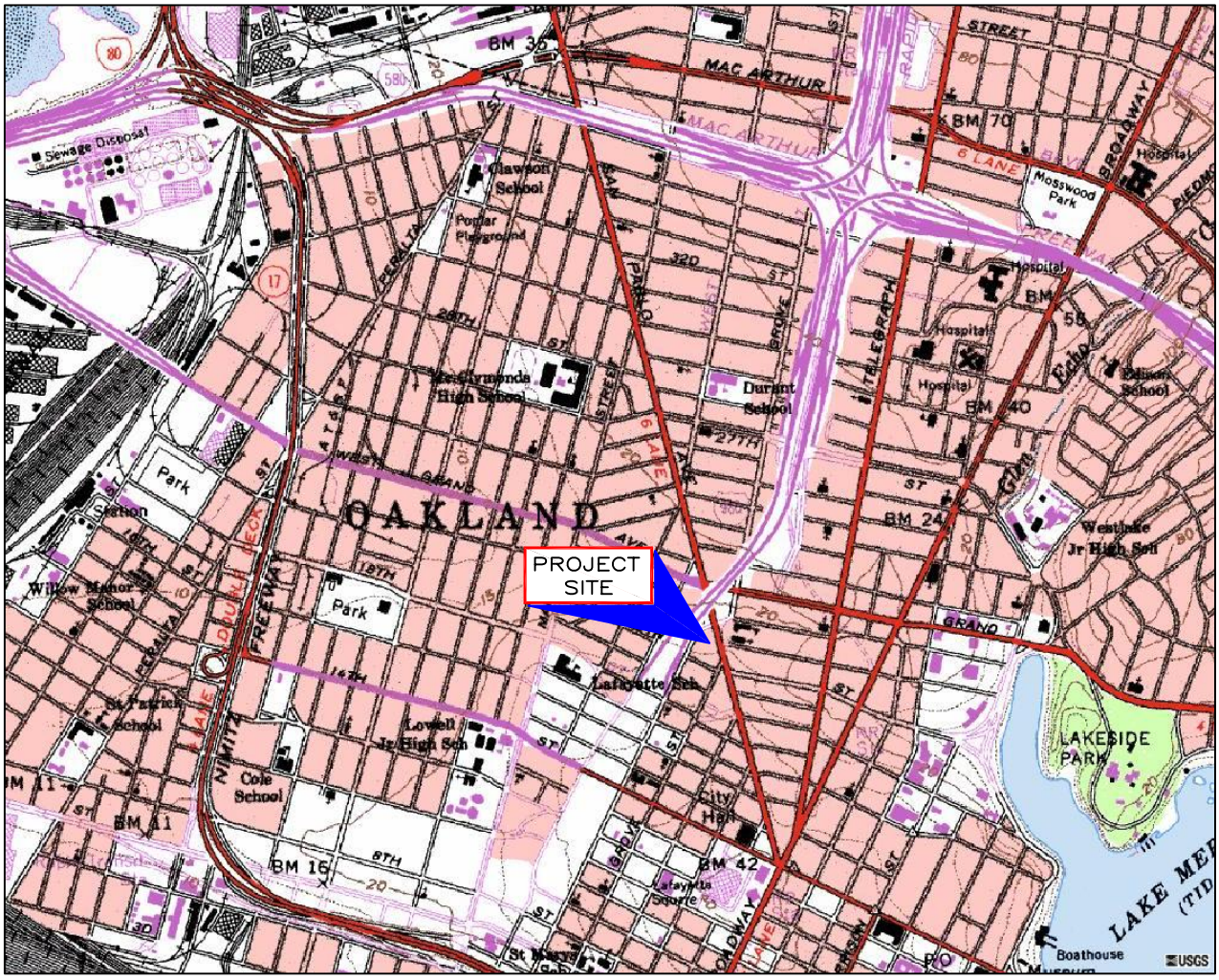
Analytical test results are reported in milligrams per Kilogram (mg/Kg).
<, BDL = below laboratory detection limits
nt = not tested for that constituent ne = not established
nr = Interpretation of results not possible as reported by previous consultant.
SAT = ESL exceeds saturated soil concentration of chemical
Bolded results indicate detected concentrations exceeded RWQCB ESLs.

LIST OF FIGURES

OAKLAND WEST QUADRANGLE
OAKLAND, CALIFORNIA

LAT=37° 48' 40" N
LONG=122° 16' 24" W

1996



NORTH

SCALE 1:24000

0 1/2 1
(Miles)

0 2000 4000
(Feet)

CONTOUR INTERVAL 10 FEET

1379

FIGURE 1

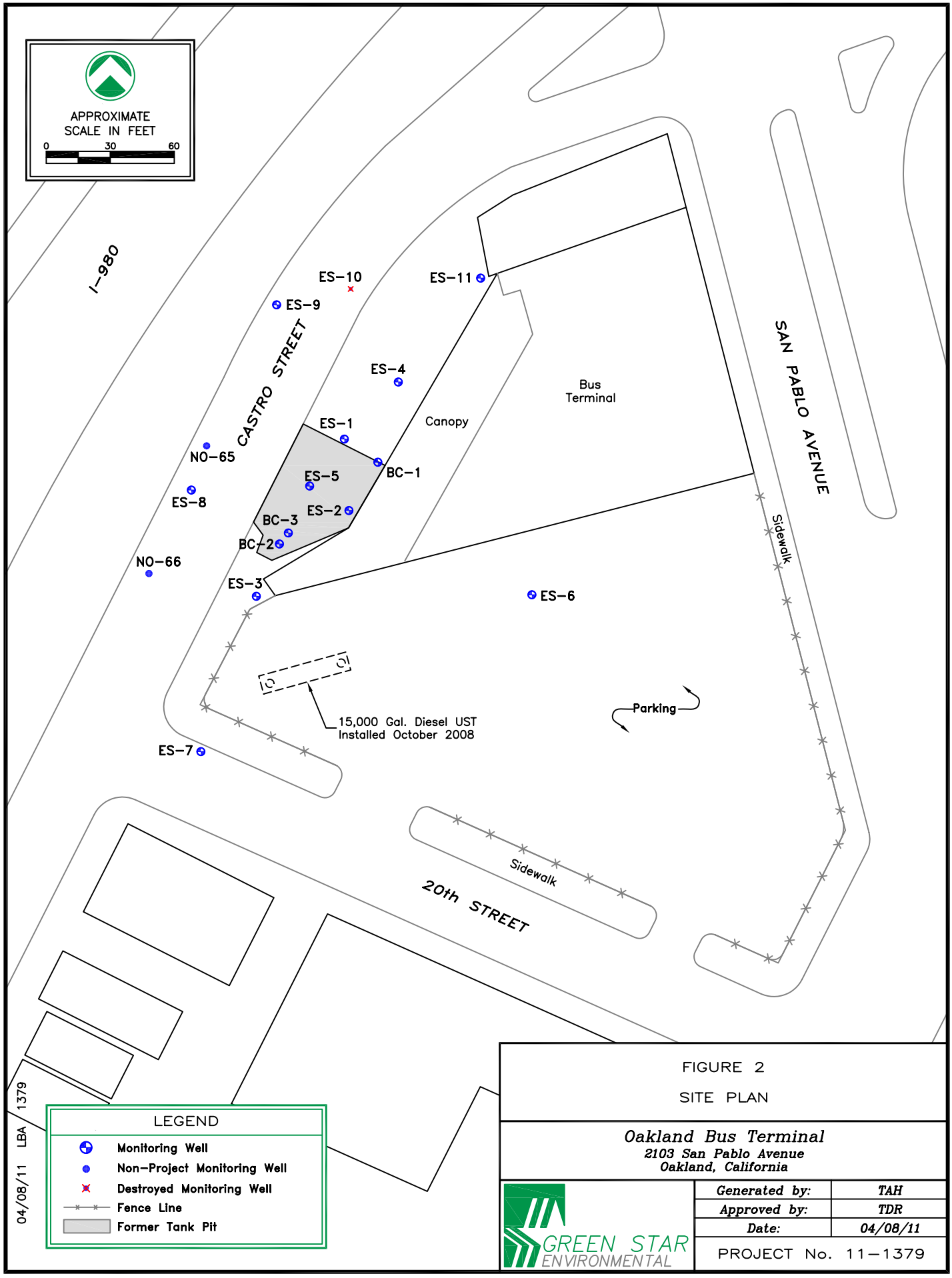
SITE LOCATION/USGS TOPOGRAPHIC MAP

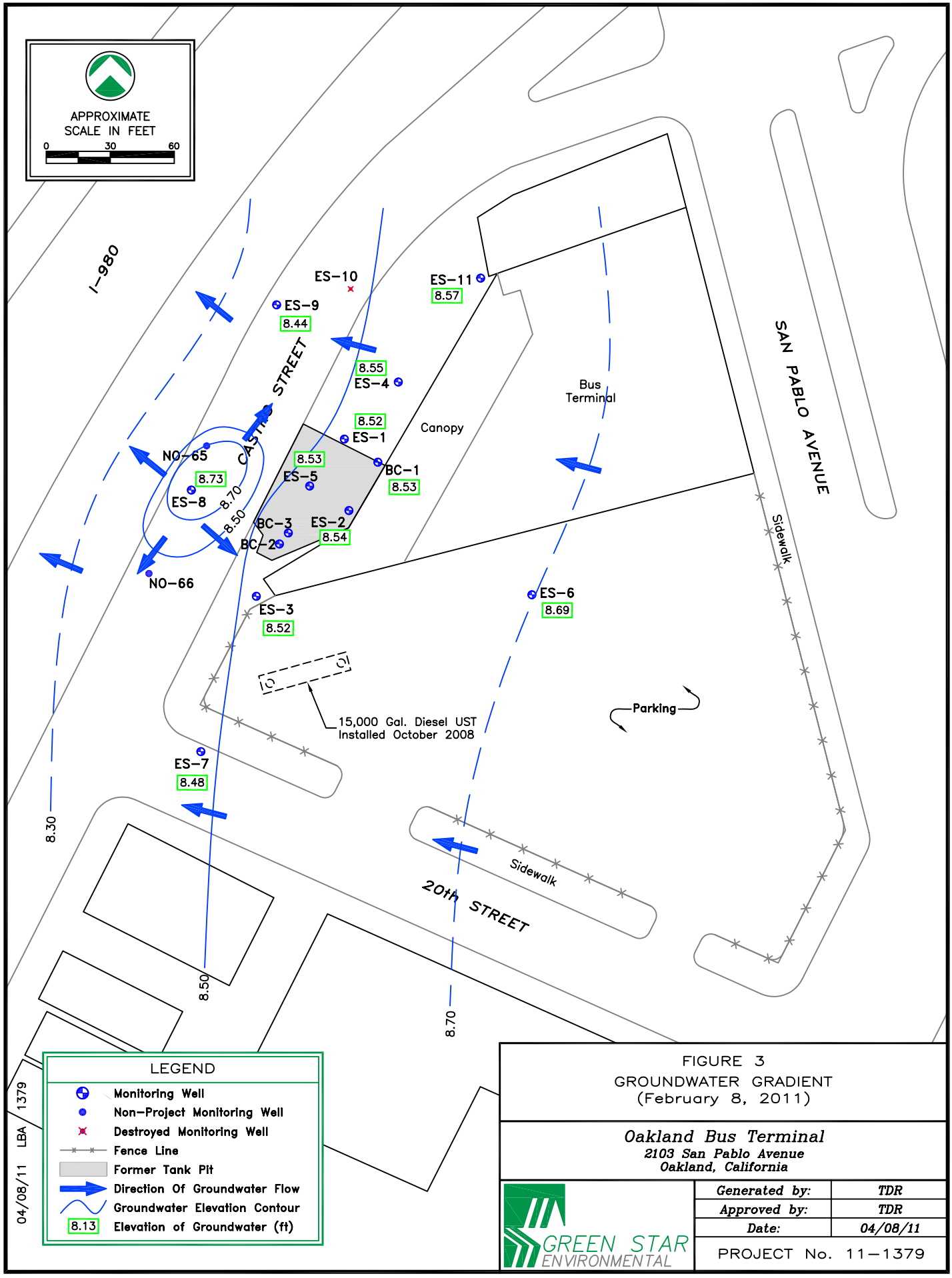
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California

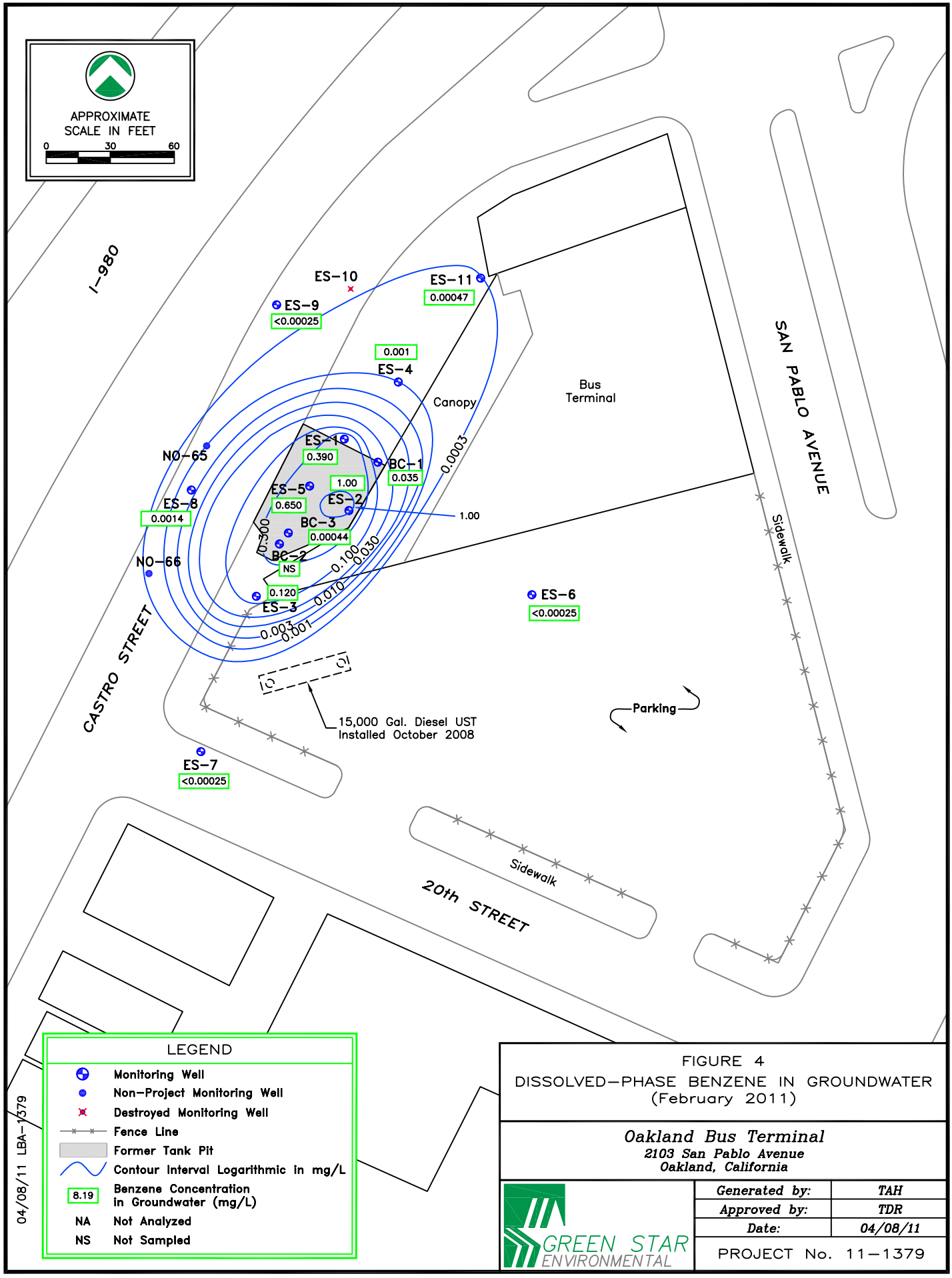
GREEN STAR ENVIRONMENTAL

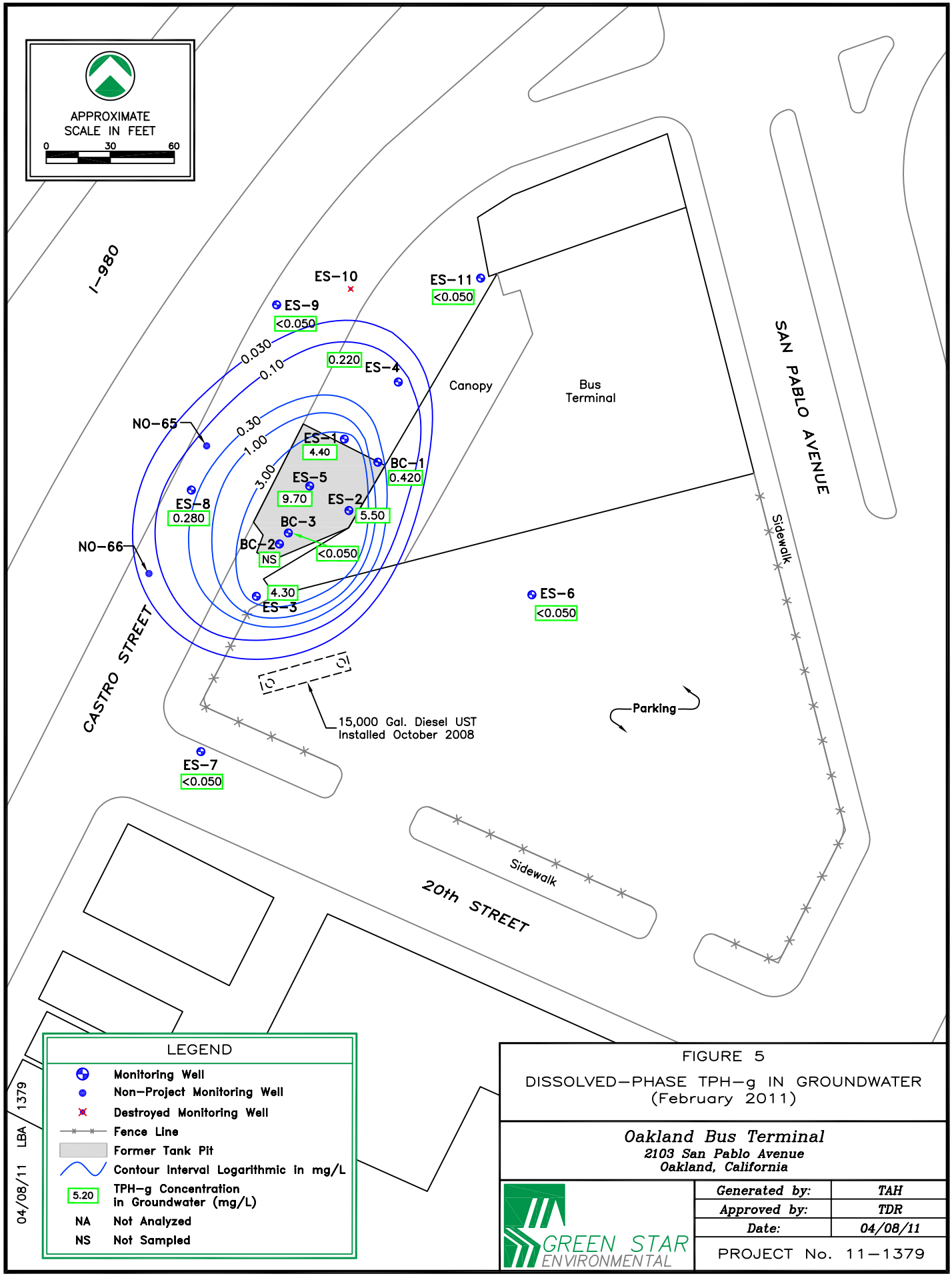
Generated by:	TAH
Approved by:	TDR
Date:	04/08/11

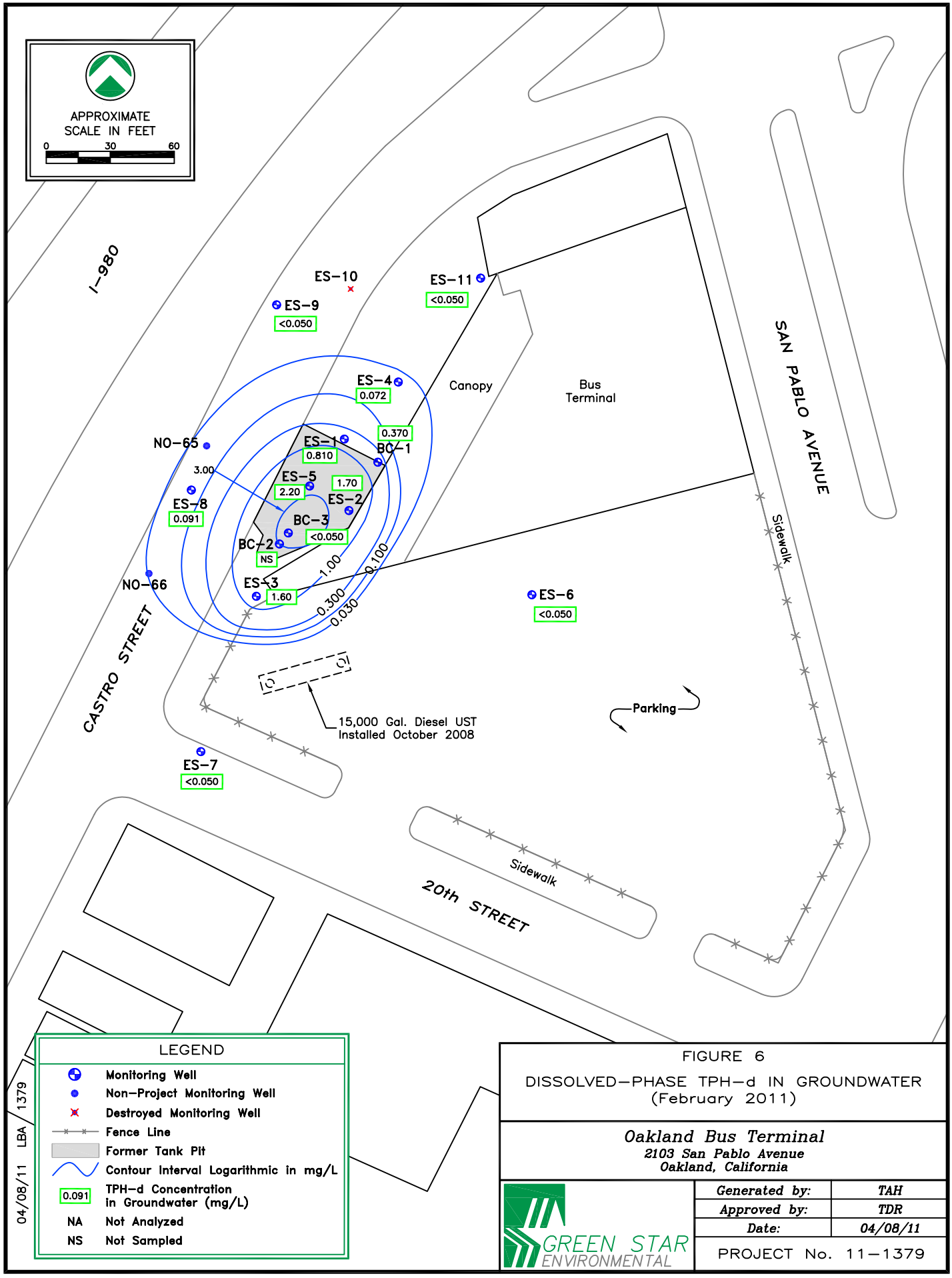
PROJECT No. 11-1379


APPROXIMATE
SCALE IN FEET
0
30
60
I-980
CASTRO STREET
SAN PABLO AVENUE
ES-10
ES-11
ES-9
ES-4
ES-1
ES-5
ES-2
ES-3
ES-6
ES-7
ES-8
BC-1
BC-2
BC-3
NO-65
NO-66
Bus
Terminal
Canopy
Sidewalk
Parking
15,000 Gal. Diesel UST
Installed October 2008
20th STREET
Sidewalk
LEGEND
Monitoring Well
Non-Project Monitoring Well
Destroyed Monitoring Well
Fence Line
Former Tank Pit
04/08/11 LBA 1379
FIGURE 2
SITE PLAN
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California
GREEN STAR
ENVIRONMENTAL
Generated by: TAH
Approved by: TDR
Date: 04/08/11
PROJECT No. 11-1379


APPROXIMATE
SCALE IN FEET
0
30
60
I-980
ES-10
ES-9
8.44
ES-11
8.57
8.55
ES-4
CASTRO STREET
Bus
Terminal
Canopy
8.52
ES-1
NO-65
8.73
8.53
ES-5
BC-1
8.53
ES-8
8.70
8.50
BC-3
ES-2
8.54
BC-2
NO-66
SAN PABLO AVENUE
Sidewalk
ES-3
8.52
ES-6
8.69
15,000 Gal. Diesel UST
Installed October 2008
Parking
ES-7
8.48
8.30
Sidewalk
20th STREET
8.50
8.70
LEGEND
Monitoring Well
Non-Project Monitoring Well
Destroyed Monitoring Well
Fence Line
Former Tank Pit
Direction Of Groundwater Flow
Groundwater Elevation Contour
8.13
Elevation of Groundwater (ft)
04/08/11 LBA 1379
FIGURE 3
GROUNDWATER GRADIENT
(February 8, 2011)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California
GREEN STAR ENVIRONMENTAL
Generated by: TDR
Approved by: TDR
Date: 04/08/11
PROJECT No. 11-1379


APPROXIMATE
SCALE IN FEET
0
30
60
I-980
ES-10
ES-11
0.00047
ES-9
<0.00025
0.001
ES-4
Canopy
Bus
Terminal
SAN PABLO AVENUE
Sidewalk
ES-1
0.390
BC-1
0.035
0.0003
NO-65
1.00
ES-5
0.650
ES-2
ES-8
0.0014
BC-3
0.00044
0.300
0.100
0.030
NO-66
BC-2
NS
0.120
0.010
ES-3
0.003
0.001
ES-6
<0.00025
CASTRO STREET
15,000 Gal. Diesel UST
Installed October 2008
Parking
ES-7
<0.00025
Sidewalk
20th STREET
LEGEND
Monitoring Well
Non-Project Monitoring Well
Destroyed Monitoring Well
Fence Line
Former Tank Pit
Contour Interval Logarithmic in mg/L
8.19
Benzene Concentration
in Groundwater (mg/L)
NA
Not Analyzed
NS
Not Sampled
04/08/11 LBA-1379
FIGURE 4
DISSOLVED-PHASE BENZENE IN GROUNDWATER
(February 2011)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California
GREEN STAR
ENVIRONMENTAL
Generated by: TAH
Approved by: TDR
Date: 04/08/11
PROJECT No. 11-1379


APPROXIMATE
SCALE IN FEET
0
30
60
I-980
ES-10
ES-9
<0.050
ES-11
<0.050
0.030
0.10
0.220
ES-4
Canopy
Bus
Terminal
SAN PABLO AVENUE
NO-65
0.30
1.00
3.00
ES-1
4.40
BC-1
0.420
ES-5
9.70
ES-2
5.50
ES-8
0.280
BC-3
BC-2
NS
<0.050
NO-66
4.30
ES-3
ES-6
<0.050
Sidewalk
CASTRO STREET
15,000 Gal. Diesel UST
Installed October 2008
Parking
ES-7
<0.050
Sidewalk
20th STREET
LEGEND
Monitoring Well
Non-Project Monitoring Well
Destroyed Monitoring Well
Fence Line
Former Tank Pit
Contour Interval Logarithmic in mg/L
5.20
TPH-g Concentration
in Groundwater (mg/L)
NA
Not Analyzed
NS
Not Sampled
04/08/11 LBA 1379
FIGURE 5
DISSOLVED-PHASE TPH-g IN GROUNDWATER
(February 2011)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California
GREEN STAR
ENVIRONMENTAL
Generated by: TAH
Approved by: TDR
Date: 04/08/11
PROJECT No. 11-1379


APPROXIMATE
SCALE IN FEET
0
30
60
I-980
ES-10
ES-11
<0.050
ES-9
<0.050
ES-4
0.072
Canopy
Bus
Terminal
SAN PABLO AVENUE
NO-65
0.370
ES-1
0.810
BC-1
3.00
ES-5
2.20
1.70
ES-2
ES-8
0.091
BC-3
<0.050
BC-2
NS
1.00
0.100
ES-3
1.60
0.300
0.030
NO-66
ES-6
<0.050
Sidewalk
CASTRO STREET
15,000 Gal. Diesel UST
Installed October 2008
Parking
ES-7
<0.050
Sidewalk
20th STREET
LEGEND
Monitoring Well
Non-Project Monitoring Well
Destroyed Monitoring Well
Fence Line
Former Tank Pit
Contour Interval Logarithmic in mg/L
0.091
TPH-d Concentration
in Groundwater (mg/L)
NA
Not Analyzed
NS
Not Sampled
04/08/11 LBA 1379
FIGURE 6
DISSOLVED-PHASE TPH-d IN GROUNDWATER
(February 2011)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California
GREEN STAR
ENVIRONMENTAL
Generated by: TAH
Approved by: TDR
Date: 04/08/11
PROJECT No. 11-1379

APPENDIX A

Analytical Results with Chain-of-Custody Documentation

McCampbell Analytical, Inc.
"When Quality Counts"

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

Greenstar Environmental 354 McDonnell Street, Suite 9 Lewisville, TX 75057	Client Project ID: #1379.05; Oakland Bus Terminal	Date Sampled: 02/08/11-02/09/11
		Date Received: 02/10/11
	Client Contact: Trent Ripley	Date Reported: 02/16/11
	Client P.O.:	Date Completed: 02/24/11

WorkOrder: 1102309

February 24, 2011

Dear Trent:

Enclosed within are:

1) The results of the **12** analyzed samples from your project: **#1379.05; Oakland Bus Terminal,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1102309

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

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

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

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

Report To: Trent Ripley Bill To: Green Star

Company: Green Star Environmental

tripley@greenstarenvironmental.com

E-Mail:

Tele: (214) 222-8752 Fax: (214) 222-8762

Project #: 1379.05 Project Name: GLI-OAK

Project Location: 2103 San Pablo Ave. Oakland, CA 03 Oakland BUS TERMINAL

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: ~~BTEX & TPH as~~ Gas (602 / 8021 + (8015)) ~~+ MTBE~~	TPH as Diesel (8015) + oil 2/12/11	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
ES-8	GLI-OAK	2/8/11	17:03	5	1/40	✓					✓	✓			✓	✓									✓							Filter Samples for Metals analysis: Yes / No
ES-9		2-8-11	17:50	5	1/40	✓					✓	✓			✓	✓									✓							
ES-6		2-9-11	8:18	5	1/40	✓					✓	✓			✓	✓									✓							
ES-7			9:20	5	1/40	✓					✓	✓			✓	✓									✓							
ES-3			10:03	5	1/40	✓					✓	✓			✓	✓									✓							
BC-3			10:50	5	1/40	✓					✓	✓			✓	✓									✓							
BC-1			11:53	5	1/40	✓					✓	✓			✓	✓									✓							
ES-5			12:30	5	1/40	✓					✓	✓			✓	✓									✓							
ES-2			13:17	5	1/40	✓					✓	✓			✓	✓									✓							
ES-1			14:08	5	1/40	✓					✓	✓			✓	✓									✓							
ES-4			15:59	5	1/40	✓					✓	✓			✓	✓									✓							
ES-11	GLI-OAK	2-9-11	16:47	5	1/40	✓					✓	✓			✓	✓									✓							

TRIP Blanks 4 ✓ ✓✓

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and compliance.

Relinquished By:	Date:	Time:	Received By:
	2-9-11	620	for Greyhound
	2/10/11	1200	
	2/10/11	1400	

ICE/t° 5.2

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

APPROPRIATE CONTAINERS

PRESERVED IN LAB

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1102309 **ClientCode: GSET**

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

Report to:
Trent Ripley
Greenstar Environmental
354 McDonnell Street, Suite 9
Lewisville, TX 75057
(214) 222-8752 FAX (214) 222.876

Email: tdripley@greenstarenvironmental.com
cc:
PO:
ProjectNo: #1379.05; Oakland BusTerminal

Bill to:
Patricia Cardenas
Greenstar Environmental
P.O Box 13482
Arlington, TX 76094-0482
admin@greenstarenvironmental.co

Requested TAT: 5 days

Date Received: **02/10/2011**
Date Printed: **02/11/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1102309-001	ES-8	Water	2/8/2011 17:03	☐	C	A	A									
1102309-002	ES-9	Water	2/8/2011 17:50	☐	C		A									
1102309-003	ES-6	Water	2/8/2011 8:18	☐	C		A									
1102309-004	ES-7	Water	2/8/2011 9:20	☐	C		A									
1102309-005	ES-3	Water	2/8/2011 10:03	☐	C		A									
1102309-006	BC-3	Water	2/8/2011 10:50	☐	C		A									
1102309-007	BC-1	Water	2/8/2011 11:53	☐	C		A									
1102309-008	ES-5	Water	2/8/2011 12:30	☐	C		A									
1102309-009	ES-2	Water	2/8/2011 13:17	☐	C		A									
1102309-010	ES-1	Water	2/8/2011 14:08	☐	C		A									
1102309-011	ES-4	Water	2/8/2011 15:59	☐	C		A									
1102309-012	ES-11	Water	2/9/2011 16:47	☐	C		A									

Test Legend:

1	8260B_W	2	PREDF REPORT	3	TPH(DMO)_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments:

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

McCampbell Analytical, Inc.
"When Quality Counts"

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

Sample Receipt Checklist

Client Name: **Greenstar Environmental**

Date and Time Received: **2/10/2011 3:13:22 PM**

Project Name: **#1379.05; Oakland Bus Terminal**

Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1102309** Matrix Water

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

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

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

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

Greenstar Environmental	Client Project ID: #1379.05; Oakland Bus Terminal	Date Sampled: 02/08/11-02/09/11
		Date Received: 02/10/11
354 McDonnell Street, Suite 9	Client Contact: Trent Ripley	Date Extracted: 02/11/11-02/14/11
Lewisville, TX 75057	Client P.O.:	Date Analyzed 02/11/11-02/14/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1102309

Lab ID	1102309-001C	1102309-002C	1102309-003C	1102309-004C	Reporting Limit for DF =1	
Client ID	ES-8	ES-9	ES-6	ES-7		
Matrix	W	W	W	W		
DF	1	1	1	1	RL	MDL
Compound	**Concentration**				µg/L	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.5	0.25
Benzene	1.4	ND	ND	ND	0.5	0.25
t-Butyl alcohol (TBA)	ND	ND	ND	ND	2.0	2.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.5	0.25
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.5	0.25
Diisopropyl ether (DIPE)	120	0.45,J	0.37,J	ND	0.5	0.25
Ethanol	ND	ND	ND	ND	50	50
Ethylbenzene	ND	ND	ND	ND	0.5	0.25
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.5	0.25
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.5	0.25
Naphthalene	ND	ND	ND	ND	0.5	0.25
Toluene	ND	ND	ND	ND	0.5	0.25
Xylenes	ND	ND	ND	ND	0.5	0.25
Surrogate Recoveries (%)						
%SS1:	96	100	103	101		
%SS2:	104	103	101	102		
%SS3:	102	85	85	86		
Comments						

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

J) analyte detected below quantitation limits

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

Greenstar Environmental	Client Project ID: #1379.05; Oakland Bus Terminal	Date Sampled: 02/08/11-02/09/11
		Date Received: 02/10/11
354 McDonnell Street, Suite 9	Client Contact: Trent Ripley	Date Extracted: 02/11/11-02/14/11
Lewisville, TX 75057	Client P.O.:	Date Analyzed 02/11/11-02/14/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1102309

Lab ID	1102309-005C	1102309-006C	1102309-007C	1102309-008C	Reporting Limit for DF =1	
Client ID	ES-3	BC-3	BC-1	ES-5		
Matrix	W	W	W	W		
DF	10	1	2	33	RL	MDL
Compound	**Concentration**				µg/L	µg/L
tert-Amyl methyl ether (TAME)	ND<2.5	ND	ND<0.50	ND<8.3	0.5	0.25
Benzene	120	0.44,J	35	650	0.5	0.25
t-Butyl alcohol (TBA)	ND<20	ND	ND<4.0	ND<67	2.0	2.0
1,2-Dibromoethane (EDB)	ND<2.5	ND	ND<0.50	ND<8.3	0.5	0.25
1,2-Dichloroethane (1,2-DCA)	ND<2.5	ND	ND<0.50	ND<8.3	0.5	0.25
Diisopropyl ether (DIPE)	18	ND	49	17	0.5	0.25
Ethanol	ND<500	ND	ND<100	ND<1700	50	50
Ethylbenzene	360	1.3	2.8	400	0.5	0.25
Ethyl tert-butyl ether (ETBE)	ND<2.5	ND	ND<0.50	ND<8.3	0.5	0.25
Methyl-t-butyl ether (MTBE)	ND<2.5	ND	ND<0.50	ND<8.3	0.5	0.25
Naphthalene	180	0.88	2.3	170	0.5	0.25
Toluene	74	0.69	2.5	180	0.5	0.25
Xylenes	400	2.2	4.7	330	0.5	0.25
Surrogate Recoveries (%)						
%SS1:	104	97	102	98		
%SS2:	97	103	100	106		
%SS3:	89	89	101	103		
Comments						

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

J) analyte detected below quantitation limits

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Angela Rydelius, Lab Manager

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

Greenstar Environmental	Client Project ID: #1379.05; Oakland Bus Terminal	Date Sampled: 02/08/11-02/09/11
		Date Received: 02/10/11
354 McDonnell Street, Suite 9	Client Contact: Trent Ripley	Date Extracted: 02/11/11-02/14/11
Lewisville, TX 75057	Client P.O.:	Date Analyzed 02/11/11-02/14/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1102309

Lab ID	1102309-009C	1102309-010C	1102309-011C	1102309-012C	Reporting Limit for DF =1	
Client ID	ES-2	ES-1	ES-4	ES-11		
Matrix	W	W	W	W		
DF	50	20	1	1	RL	MDL
Compound	**Concentration**				µg/L	µg/L
tert-Amyl methyl ether (TAME)	ND<12	ND<5.0	ND	ND	0.5	0.25
Benzene	1000	390	1.0	0.47,J	0.5	0.25
t-Butyl alcohol (TBA)	ND<100	ND<40	ND	ND	2.0	2.0
1,2-Dibromoethane (EDB)	ND<12	ND<5.0	ND	ND	0.5	0.25
1,2-Dichloroethane (1,2-DCA)	ND<12	ND<5.0	ND	ND	0.5	0.25
Diisopropyl ether (DIPE)	99	49	17	ND	0.5	0.25
Ethanol	ND<2500	ND<1000	ND	ND	50	50
Ethylbenzene	20,J	52	0.49,J	0.26,J	0.5	0.25
Ethyl tert-butyl ether (ETBE)	ND<12	ND<5.0	ND	ND	0.5	0.25
Methyl-t-butyl ether (MTBE)	ND<12	ND<5.0	ND	ND	0.5	0.25
Naphthalene	ND<12	33	0.56	0.27,J	0.5	0.25
Toluene	76	41	0.58	ND	0.5	0.25
Xylenes	110	71	0.97	ND	0.5	0.25
Surrogate Recoveries (%)						
%SS1:	99	96	104	104		
%SS2:	106	104	106	106		
%SS3:	95	98	101	92		
Comments						

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

J) analyte detected below quantitation limits

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Greenstar Environmental	Client Project ID: #1379.05; Oakland Bus Terminal	Date Sampled: 02/08/11-02/09/11
		Date Received: 02/10/11
354 McDonnell Street, Suite 9	Client Contact: Trent Ripley	Date Extracted: 02/11/11-02/14/11
Lewisville, TX 75057	Client P.O.:	Date Analyzed 02/11/11-02/14/11

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

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1102309

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001B	ES-8	W	280	1	117	d1
002B	ES-9	W	ND	1	113	
003B	ES-6	W	ND	1	113	
004B	ES-7	W	ND	1	112	
005B	ES-3	W	4300	10	103	d1
006B	BC-3	W	ND	1	112	
007B	BC-1	W	420	1	107	d1
008B	ES-5	W	9700	50	106	d1
009B	ES-2	W	5500	10	91	d1
010B	ES-1	W	4400	10	110	d1
011B	ES-4	W	220	1	119	d1
012B	ES-11	W	ND	1	100	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	RL	50	µg/L
	MDL	50	µg/L

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

J) analyte detected below quantitation limits
d1) weakly modified or unmodified gasoline is significant

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Greenstar Environmental	Client Project ID: #1379.05; Oakland Bus Terminal	Date Sampled: 02/08/11-02/09/11
		Date Received: 02/10/11
354 McDonnell Street, Suite 9	Client Contact: Trent Ripley	Date Extracted: 02/10/11
Lewisville, TX 75057	Client P.O.:	Date Analyzed: 02/11/11-02/14/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C Analytical methods: SW8015B Work Order: 1102309

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1102309-001A	ES-8	W	91	ND	1	101	e2
1102309-002A	ES-9	W	ND	ND	1	99	
1102309-003A	ES-6	W	ND	ND	1	99	
1102309-004A	ES-7	W	ND	ND	1	102	
1102309-005A	ES-3	W	1600	ND	1	102	e4,e2
1102309-006A	BC-3	W	ND	ND	1	101	
1102309-007A	BC-1	W	370	ND	1	101	e2,e4
1102309-008A	ES-5	W	2200	ND	1	105	e4,e2
1102309-009A	ES-2	W	1700	500	1	98	e4,e2
1102309-010A	ES-1	W	810	ND	1	102	e4,e2
1102309-011A	ES-4	W	72	ND	1	98	e2,e4
1102309-012A	ES-11	W	ND	ND	1	101	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	RL	50	250	µg/L
	MDL	50	250	µg/L

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

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

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

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

e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56176 WorkOrder 1102309

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 1102309-001C**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	90.9	94.3	3.62	84.4	84.2	0.284	70 - 130	30	70 - 130	30
Benzene	1.4	10	110	111	0.228	102	103	0.455	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	85.6	87.2	1.89	80.1	81.2	1.30	70 - 130	30	70 - 130	30
Chlorobenzene	1.3	10	82.2	85.6	3.43	102	104	1.99	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	92.5	96.3	4.02	99.1	101	1.73	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	1.3	10	75.5	77.9	2.78	95.2	94.4	0.909	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	112	109	2.88	112	112	0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	120	10	NR	NR	NR	100	100	0	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	92.3	95.3	3.28	93.7	92.8	0.984	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	107	109	1.79	102	101	0.330	70 - 130	30	70 - 130	30
Toluene	1.9	10	77.6	85.8	8.12	97.7	99.4	1.67	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	107	102	4.81	107	106	0.528	70 - 130	30	70 - 130	30
%SS1:	102	25	96	94	1.43	89	88	1.89	70 - 130	30	70 - 130	30
%SS2:	97	25	96	104	7.50	100	101	0.951	70 - 130	30	70 - 130	30
%SS3:	92	2.5	96	101	4.90	82	82	0	70 - 130	30	70 - 130	30

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

BATCH 56176 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102309-001C	02/08/11 5:03 PM	02/12/11	02/12/11 5:25 AM	1102309-001C	02/08/11 5:03 PM	02/14/11	02/14/11 9:18 PM
1102309-002C	02/08/11 5:50 PM	02/11/11	02/11/11 10:15 PM	1102309-003C	02/08/11 8:18 AM	02/11/11	02/11/11 10:56 PM
1102309-004C	02/08/11 9:20 AM	02/11/11	02/11/11 11:34 PM	1102309-005C	02/08/11 10:03 AM	02/12/11	02/12/11 12:15 AM

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

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

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

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

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

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

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

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56185 WorkOrder 1102309

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 1102309-012C**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	91.3	93.8	2.67	80.6	82.8	2.66	70 - 130	30	70 - 130	30
Benzene	ND	10	107	111	3.41	98.8	101	2.69	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	90.9	92.4	1.63	74.1	80.2	7.95	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	93.1	96.5	3.61	101	102	1.32	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	93.6	97.1	3.66	96.3	99.9	3.68	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	85.6	88.5	3.27	90.9	92.3	1.58	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	111	116	3.74	107	109	2.20	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	99.2	103	4.02	96.2	98.1	1.92	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	90.8	94.8	4.32	89.1	90.5	1.50	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	112	115	2.94	97.8	99.6	1.84	70 - 130	30	70 - 130	30
Toluene	ND	10	89	93.5	4.61	95.6	98.1	2.50	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	104	106	2.59	103	104	0.924	70 - 130	30	70 - 130	30
%SS1:	108	25	97	100	2.55	88	88	0	70 - 130	30	70 - 130	30
%SS2:	98	25	96	97	1.30	101	102	0.749	70 - 130	30	70 - 130	30
%SS3:	91	2.5	90	90	0	81	79	2.32	70 - 130	30	70 - 130	30

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

BATCH 56185 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102309-006C	02/08/11 10:50 AM	02/12/11	02/12/11 12:53 AM	1102309-007C	02/08/11 11:53 AM	02/12/11	02/12/11 1:33 AM
1102309-008C	02/08/11 12:30 PM	02/12/11	02/12/11 2:11 AM	1102309-009C	02/08/11 1:17 PM	02/12/11	02/12/11 2:50 AM
1102309-010C	02/08/11 2:08 PM	02/12/11	02/12/11 3:28 AM	1102309-011C	02/08/11 3:59 PM	02/12/11	02/12/11 4:08 AM
1102309-012C	02/09/11 4:47 PM	02/12/11	02/12/11 4:46 AM				

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

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

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

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

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

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

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

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56163 WorkOrder 1102309

EPA Method SW8015B **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	125	123	1.03	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	73	74	0.382	N/A	N/A	70 - 130	30

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

BATCH 56163 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102309-001A	02/08/11 5:03 PM	02/10/11	02/11/11 4:27 AM	1102309-002A	02/08/11 5:50 PM	02/10/11	02/11/11 5:34 AM
1102309-003A	02/08/11 8:18 AM	02/10/11	02/11/11 6:41 AM	1102309-004A	02/08/11 9:20 AM	02/10/11	02/11/11 8:01 PM
1102309-005A	02/08/11 10:03 AM	02/10/11	02/11/11 6:54 PM	1102309-006A	02/08/11 10:50 AM	02/10/11	02/14/11 5:55 PM
1102309-007A	02/08/11 11:53 AM	02/10/11	02/11/11 7:20 AM				

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

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

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

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

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

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56164 WorkOrder 1102309

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1102284-016A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	84.9	97.9	14.2	94.2	80.6	15.5	70 - 130	20	70 - 130	20
MTBE	ND	10	123	112	8.79	125	121	3.50	70 - 130	20	70 - 130	20
Benzene	ND	10	112	120	6.75	108	103	5.42	70 - 130	20	70 - 130	20
Toluene	ND	10	99.1	102	2.49	96.8	90.1	7.15	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	98.6	101	2.80	95.6	89.7	6.40	70 - 130	20	70 - 130	20
Xylenes	ND	30	110	116	4.87	107	102	5.27	70 - 130	20	70 - 130	20
%SS:	109	10	104	99	4.68	107	103	4.16	70 - 130	20	70 - 130	20

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

BATCH 56164 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102309-001B	02/08/11 5:03 PM	02/11/11	02/11/11 2:24 AM	1102309-002B	02/08/11 5:50 PM	02/11/11	02/11/11 2:53 AM
1102309-003B	02/08/11 8:18 AM	02/11/11	02/11/11 3:23 AM	1102309-004B	02/08/11 9:20 AM	02/11/11	02/11/11 3:53 AM
1102309-005B	02/08/11 10:03 AM	02/14/11	02/14/11 9:26 PM	1102309-006B	02/08/11 10:50 AM	02/11/11	02/11/11 4:22 AM
1102309-007B	02/08/11 11:53 AM	02/14/11	02/14/11 10:27 PM	1102309-008B	02/08/11 12:30 PM	02/11/11	02/11/11 3:58 PM
1102309-009B	02/08/11 1:17 PM	02/14/11	02/14/11 10:57 PM	1102309-010B	02/08/11 2:08 PM	02/11/11	02/11/11 4:52 PM
1102309-011B	02/08/11 3:59 PM	02/11/11	02/11/11 5:58 PM	1102309-012B	02/09/11 4:47 PM	02/11/11	02/11/11 6:31 PM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56184 WorkOrder 1102309

EPA Method SW8015B **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	115	116	1.16	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	95	96	0.725	N/A	N/A	70 - 130	30

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

BATCH 56184 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102309-008A	02/08/11 12:30 PM	02/10/11	02/12/11 1:41 AM	1102309-009A	02/08/11 1:17 PM	02/10/11	02/11/11 7:20 AM
1102309-010A	02/08/11 2:08 PM	02/10/11	02/11/11 8:28 AM	1102309-011A	02/08/11 3:59 PM	02/10/11	02/14/11 3:16 PM
1102309-012A	02/09/11 4:47 PM	02/10/11	02/11/11 3:30 PM				

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

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

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

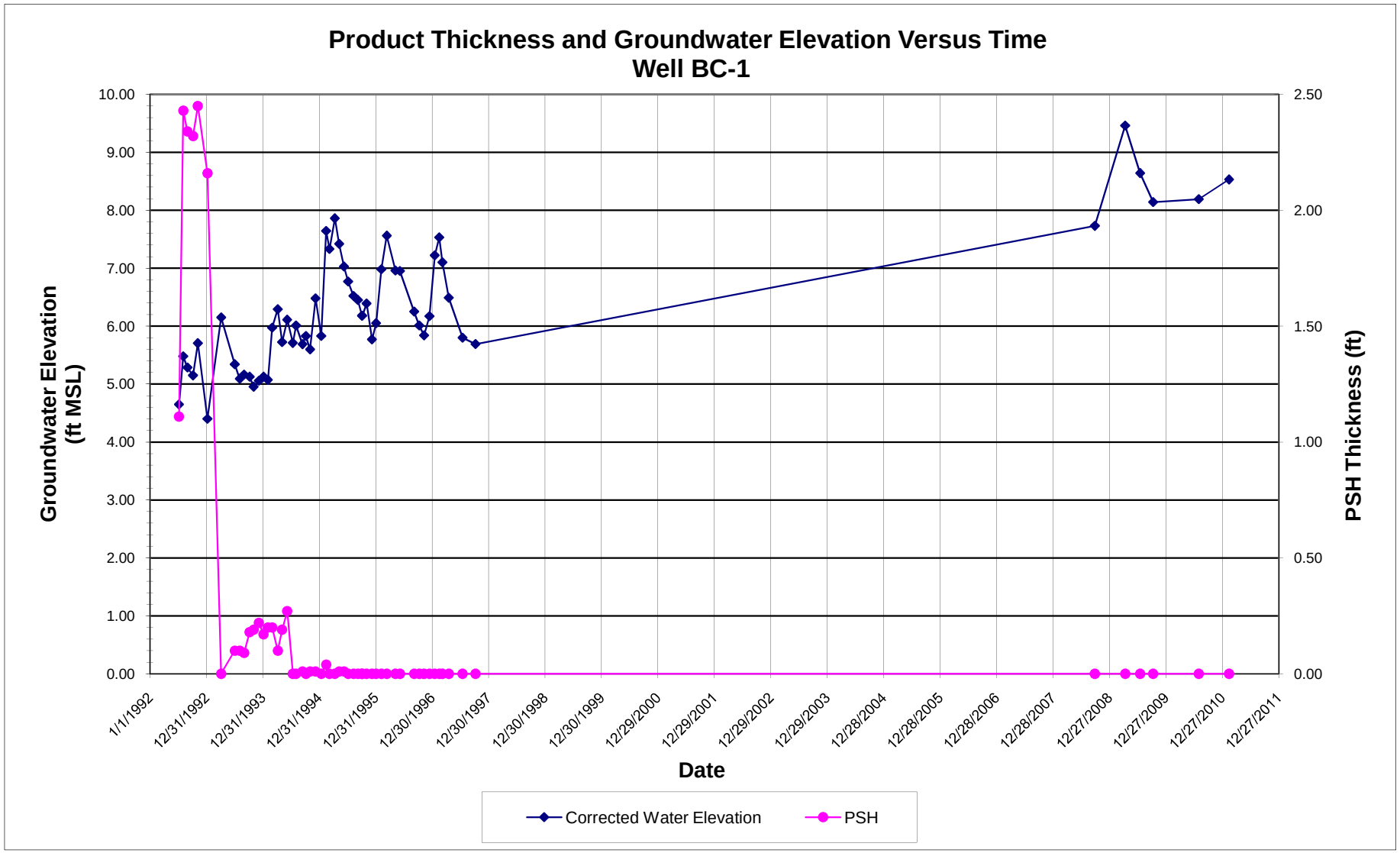
N/A = not enough sample to perform matrix spike and matrix spike duplicate.

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

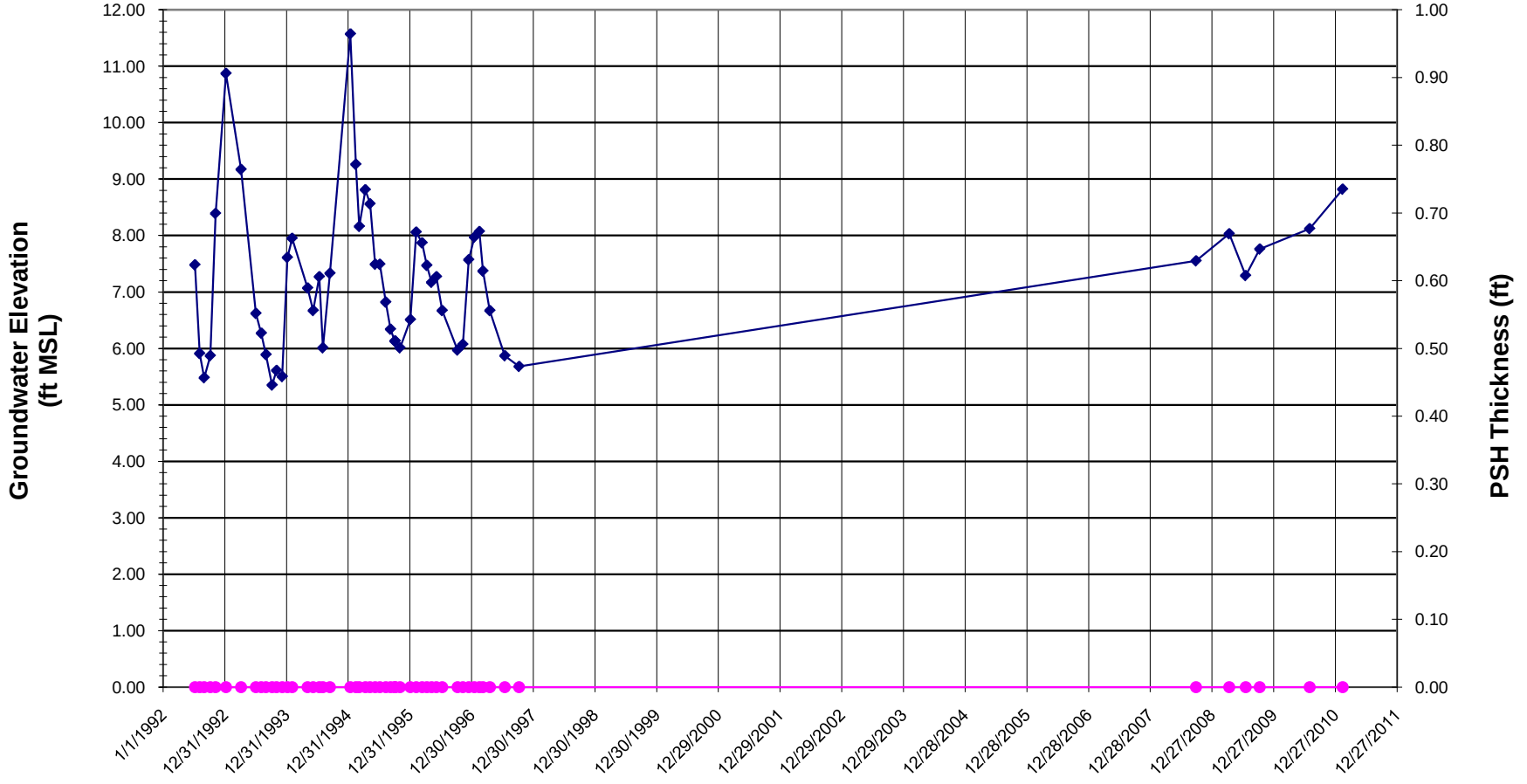
DHS ELAP Certification 1644 QA/QC Officer

APPENDIX B

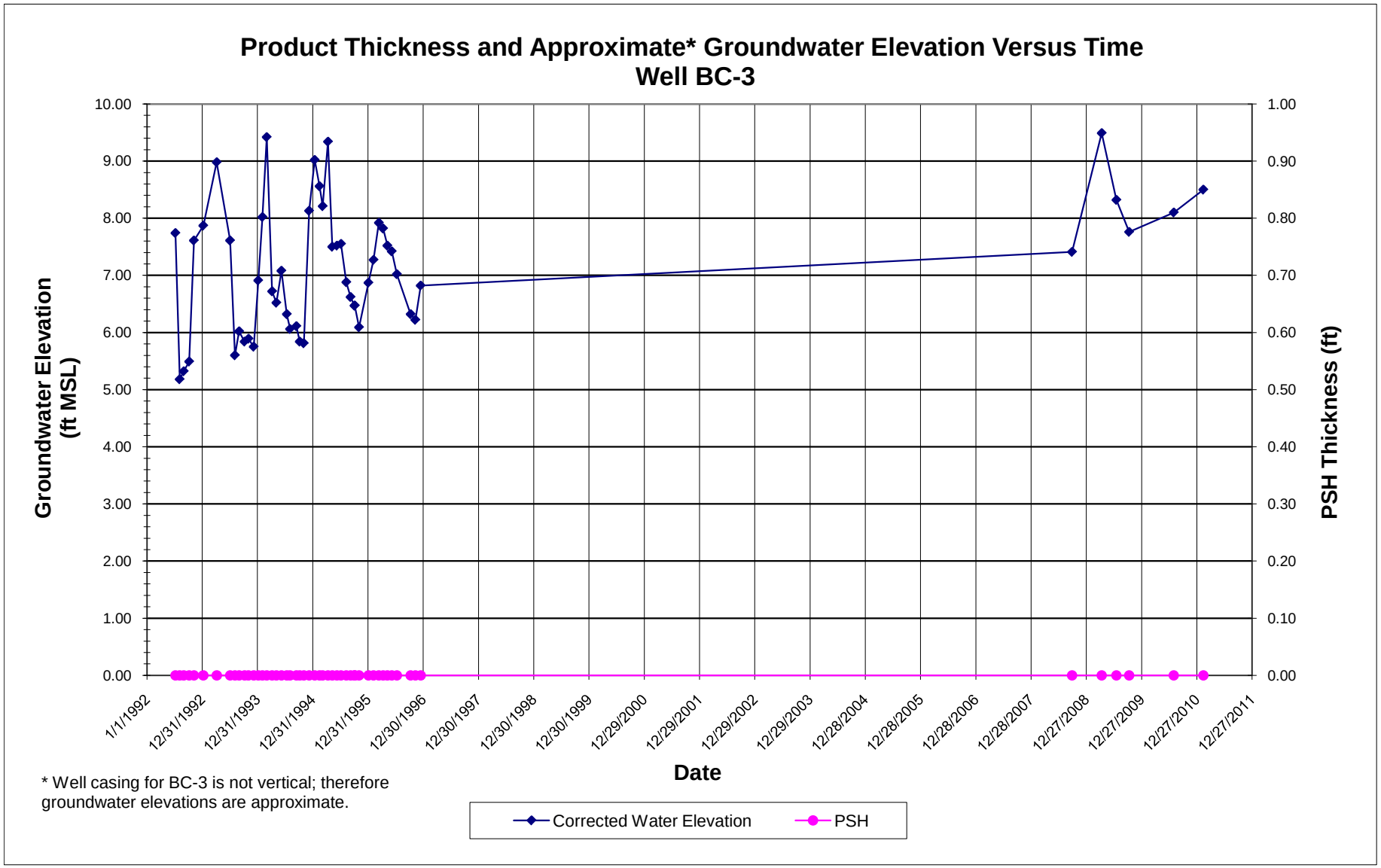
PSH Thickness and Groundwater Elevation Graphs

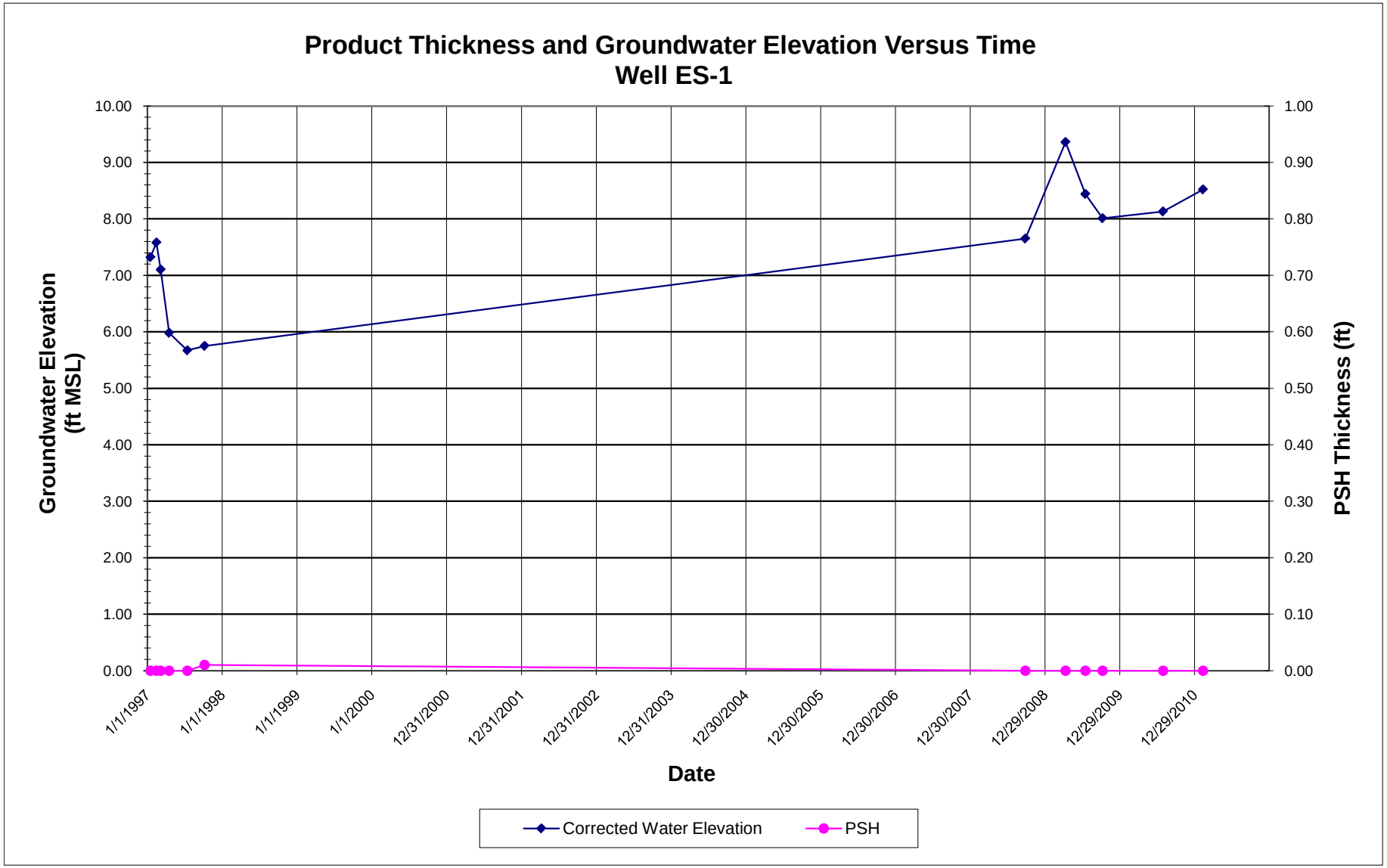

Product Thickness and Groundwater Elevation Versus Time
Well BC-1
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
2.50
2.00
1.50
1.00
0.50
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
Corrected Water Elevation
PSH

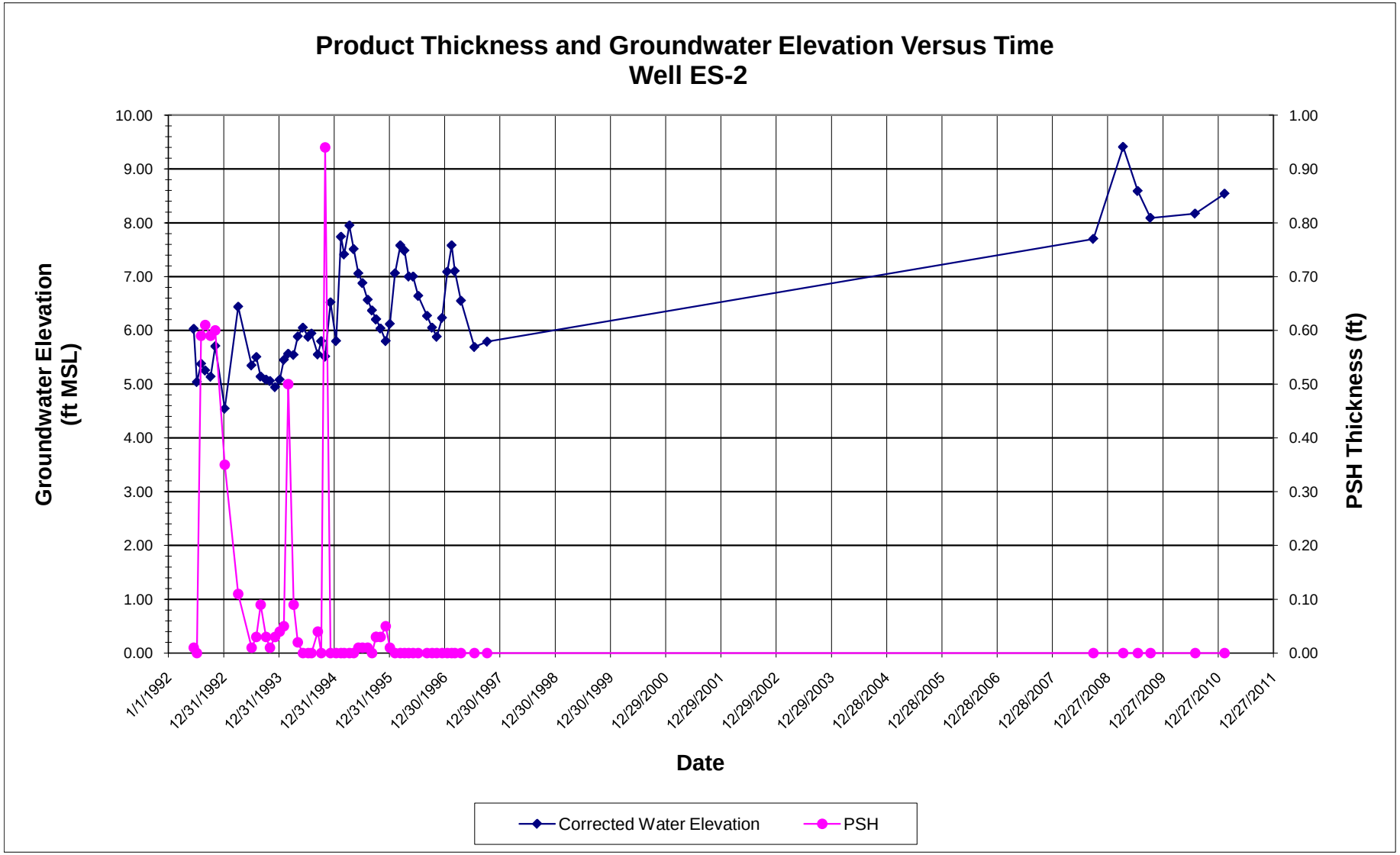
Product Thickness and Approximate* Groundwater Elevation Versus Time
Well BC-2

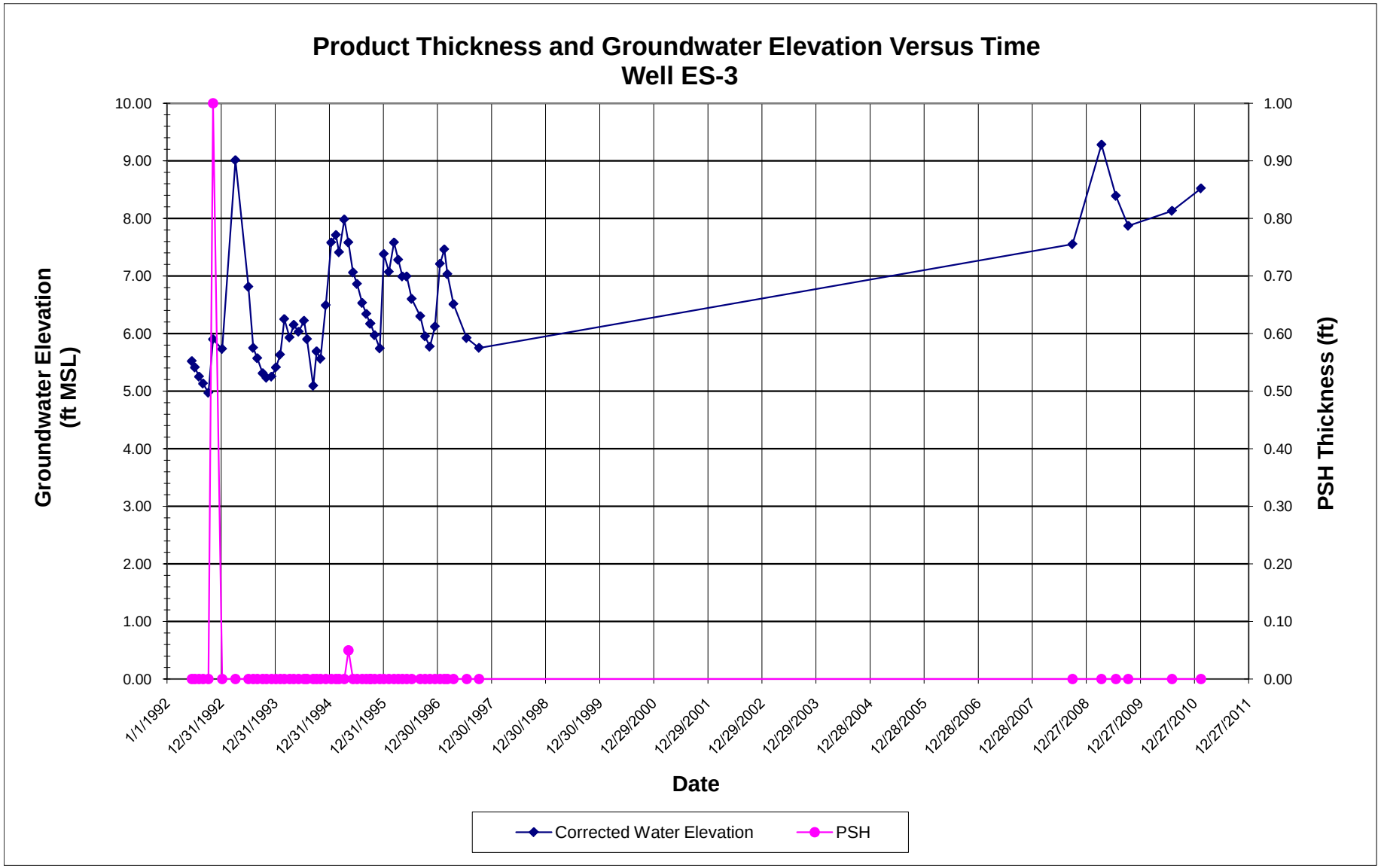


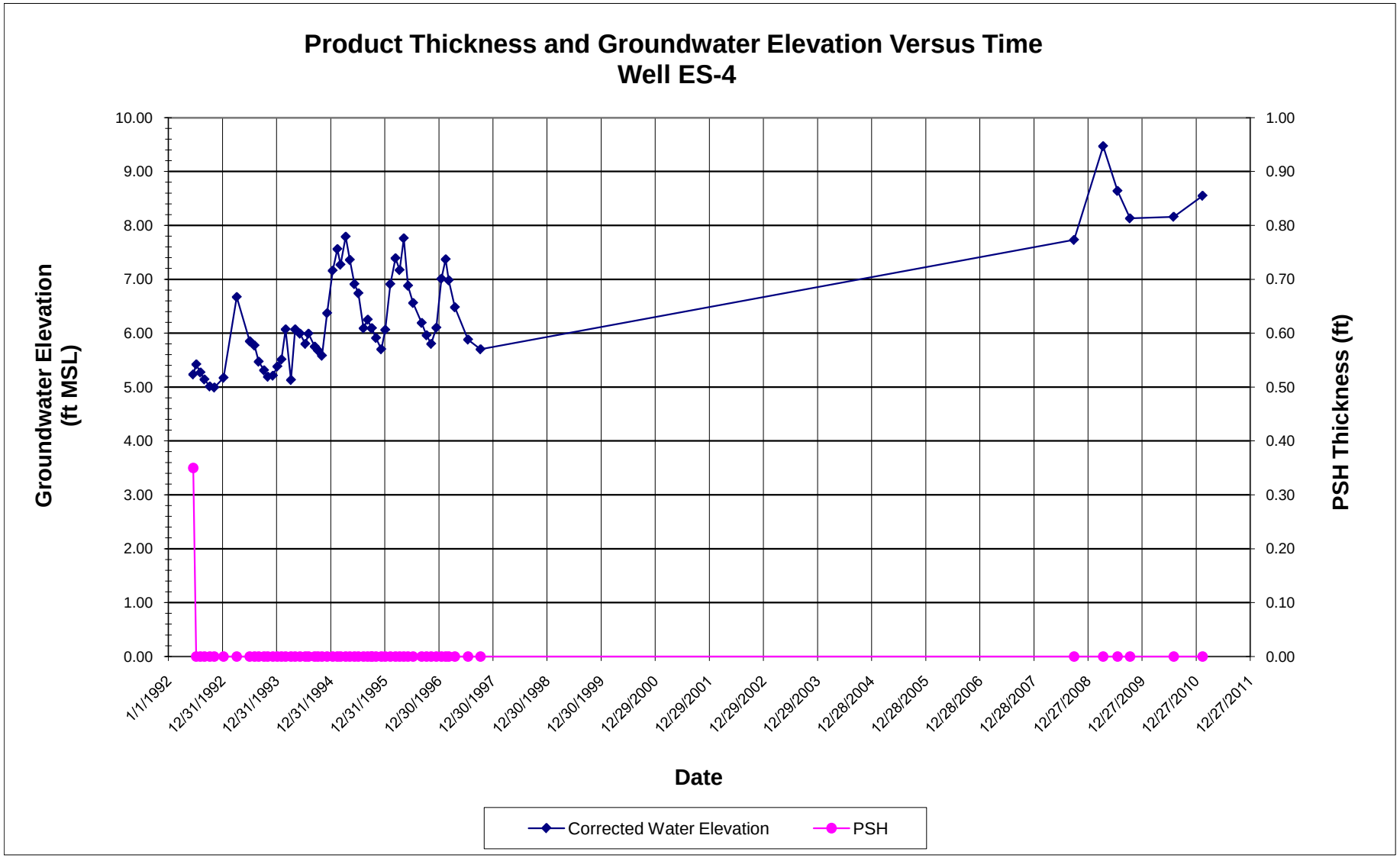
*Well casing for BC-2 is not vertical; therefore groundwater elevations are approximate.

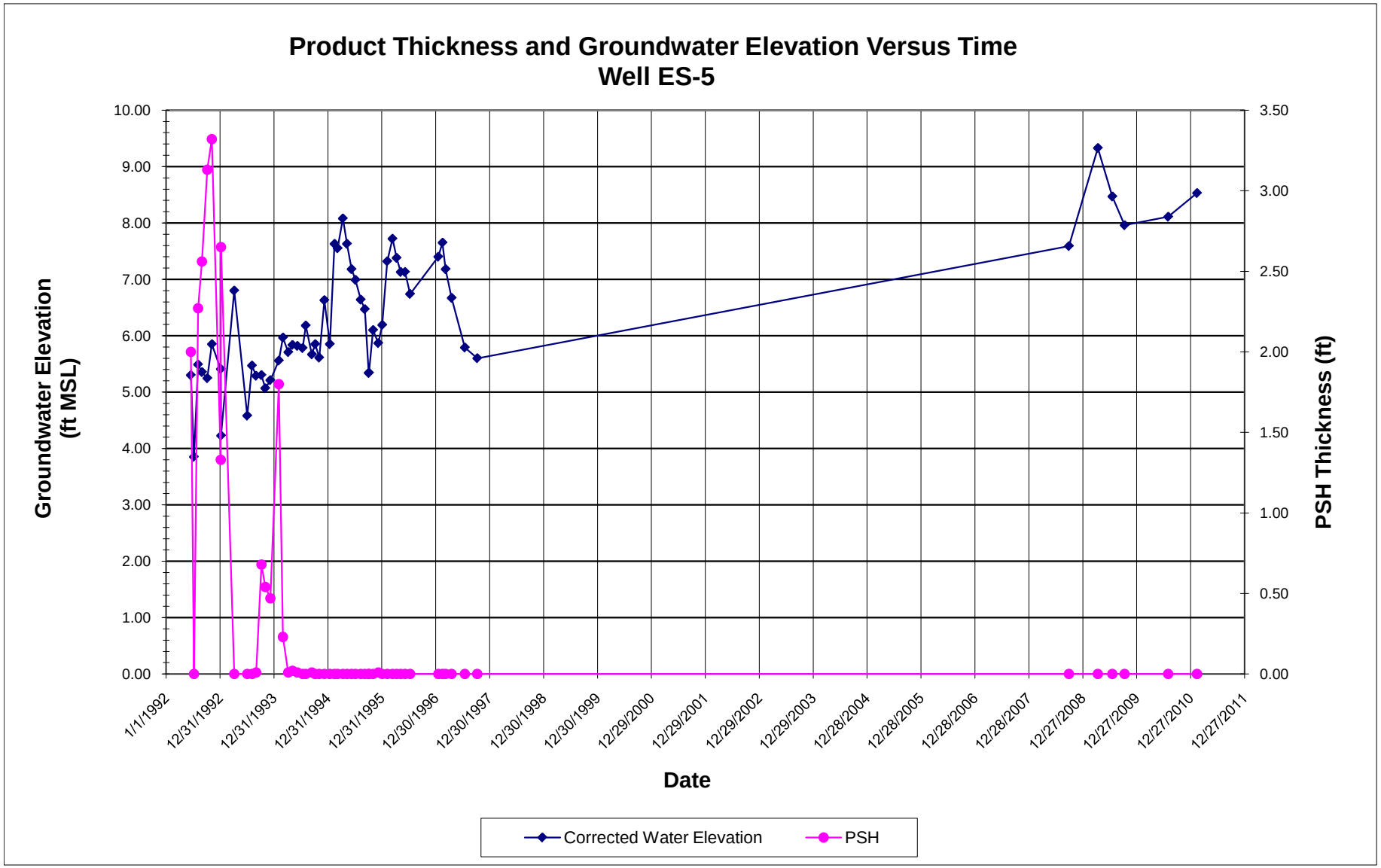

Product Thickness and Approximate* Groundwater Elevation Versus Time
Well BC-3
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
* Well casing for BC-3 is not vertical; therefore groundwater elevations are approximate.
Corrected Water Elevation
PSH

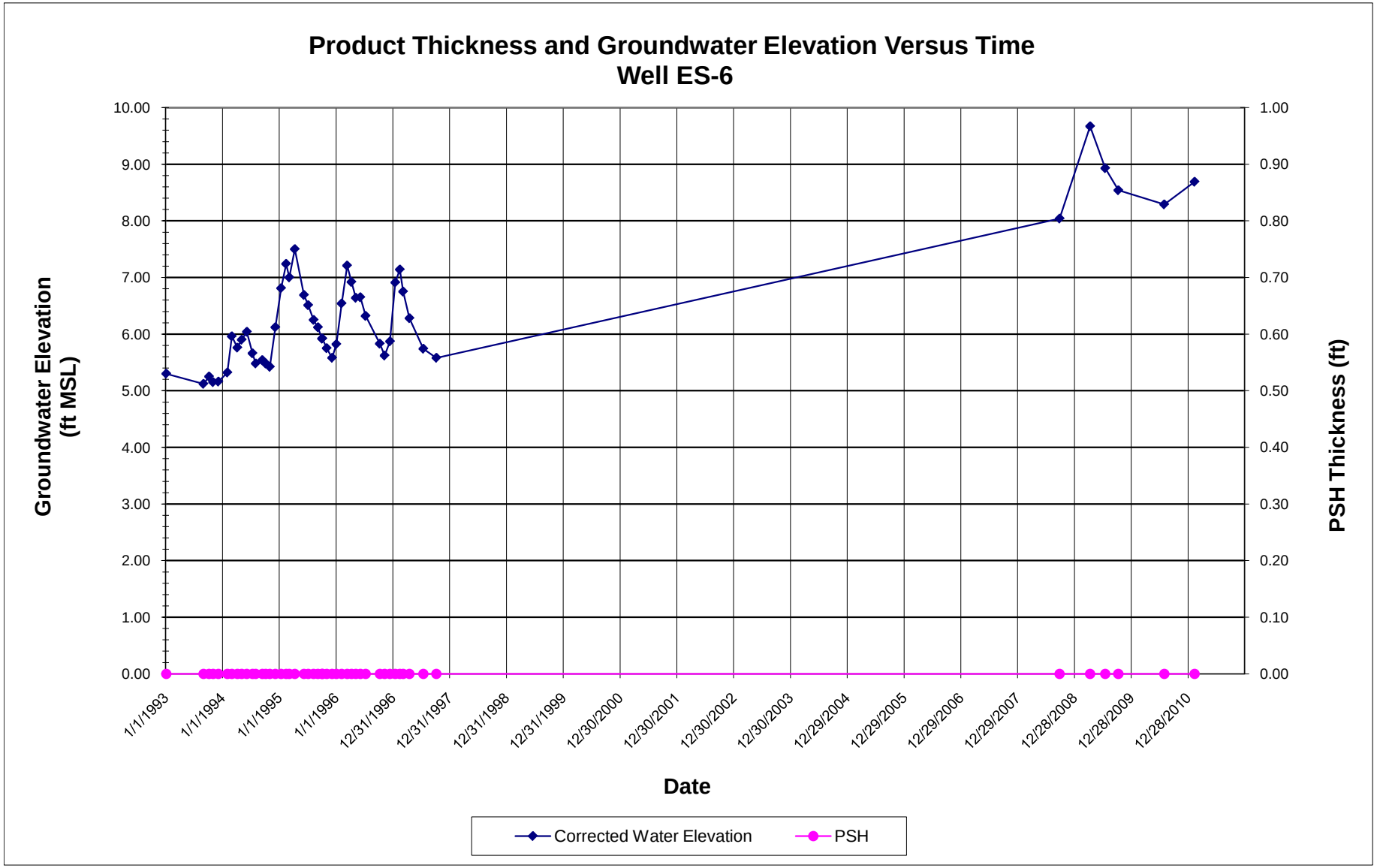

Product Thickness and Groundwater Elevation Versus Time
Well ES-1
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1997
1/1/1998
1/1/1999
1/1/2000
12/31/2000
12/31/2001
12/31/2002
12/31/2003
12/30/2004
12/30/2005
12/30/2006
12/30/2007
12/29/2008
12/29/2009
12/29/2010
Date
Corrected Water Elevation
PSH

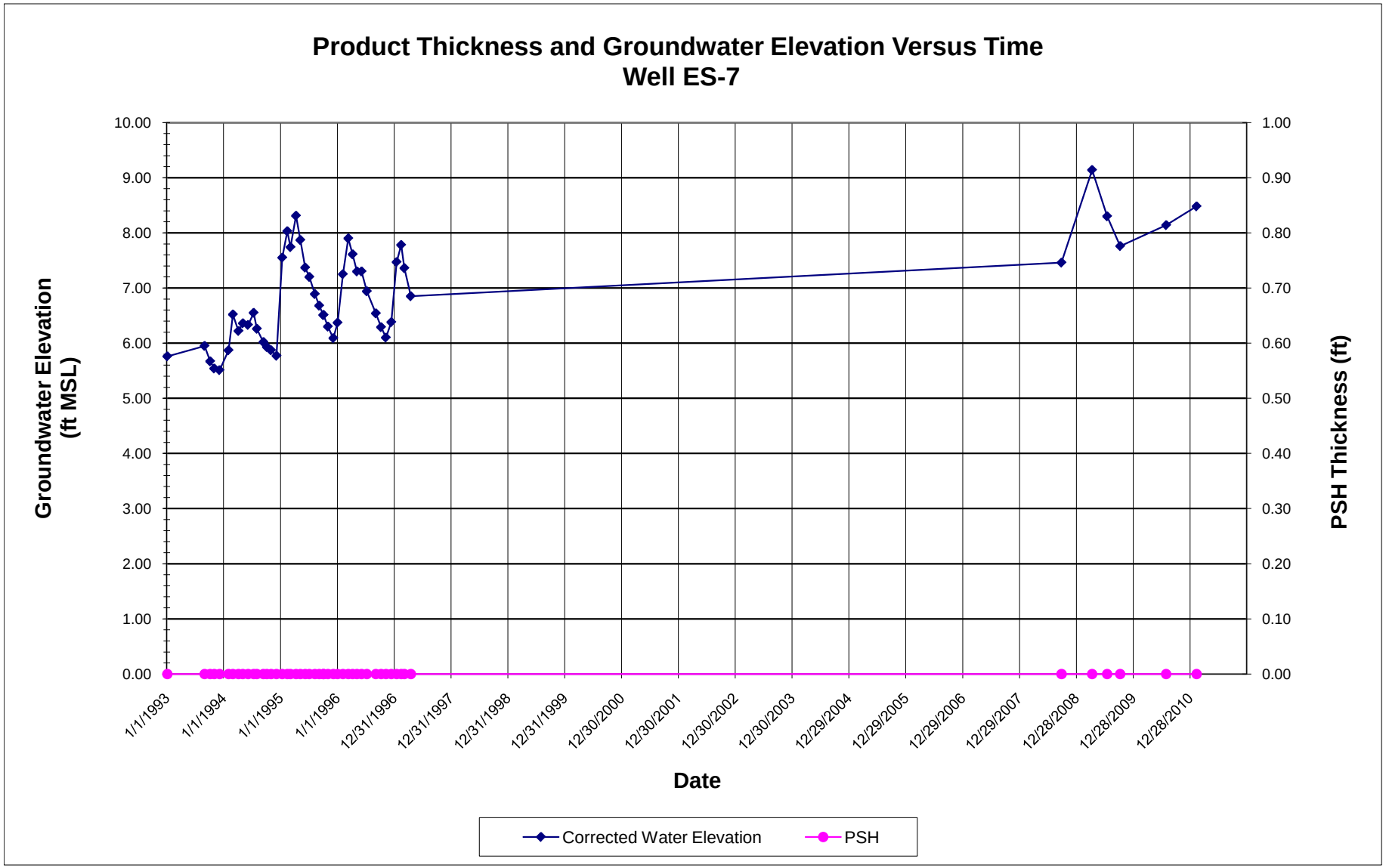

Product Thickness and Groundwater Elevation Versus Time
Well ES-2
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
Corrected Water Elevation
PSH

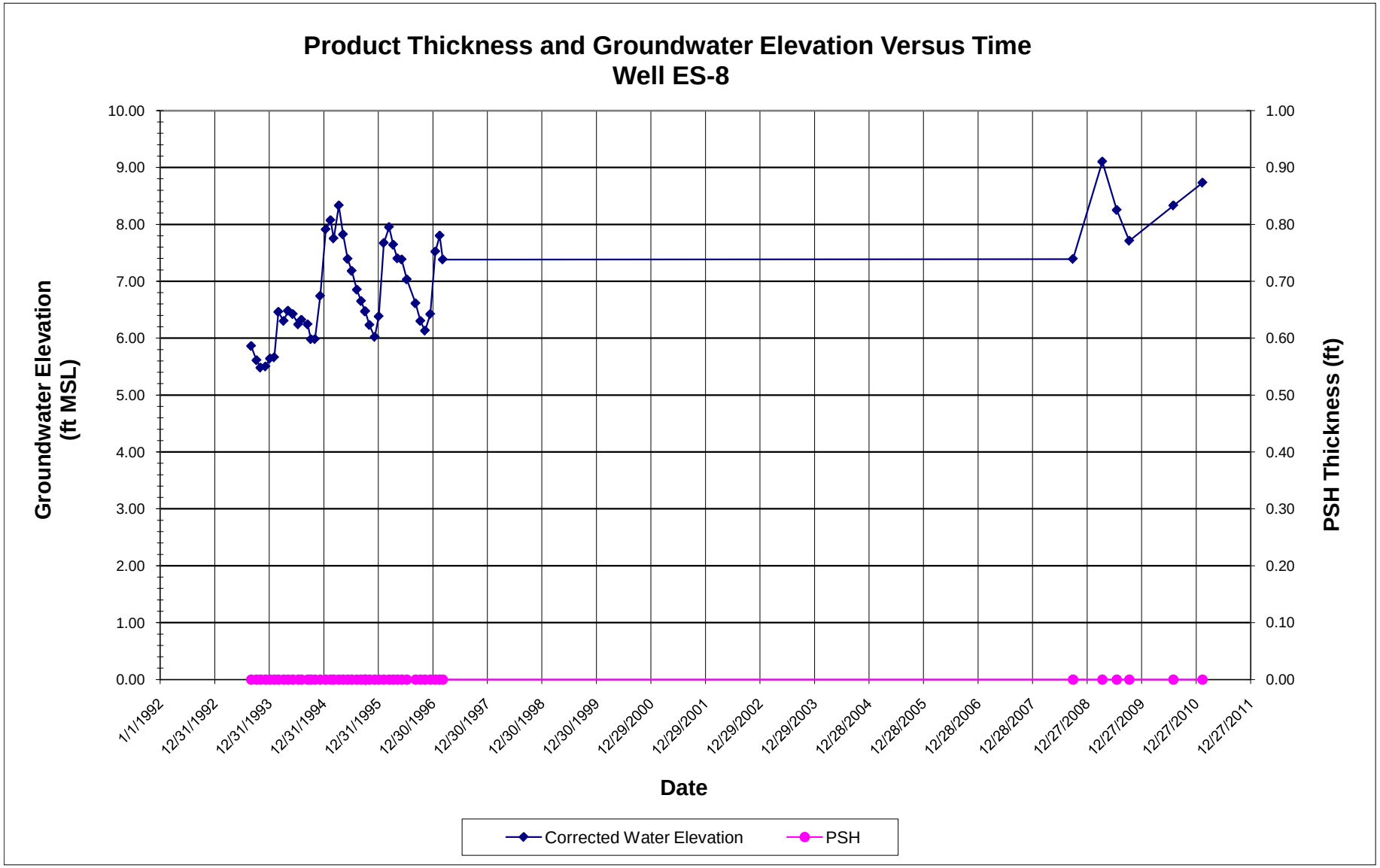

Product Thickness and Groundwater Elevation Versus Time
Well ES-3
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
Corrected Water Elevation
PSH

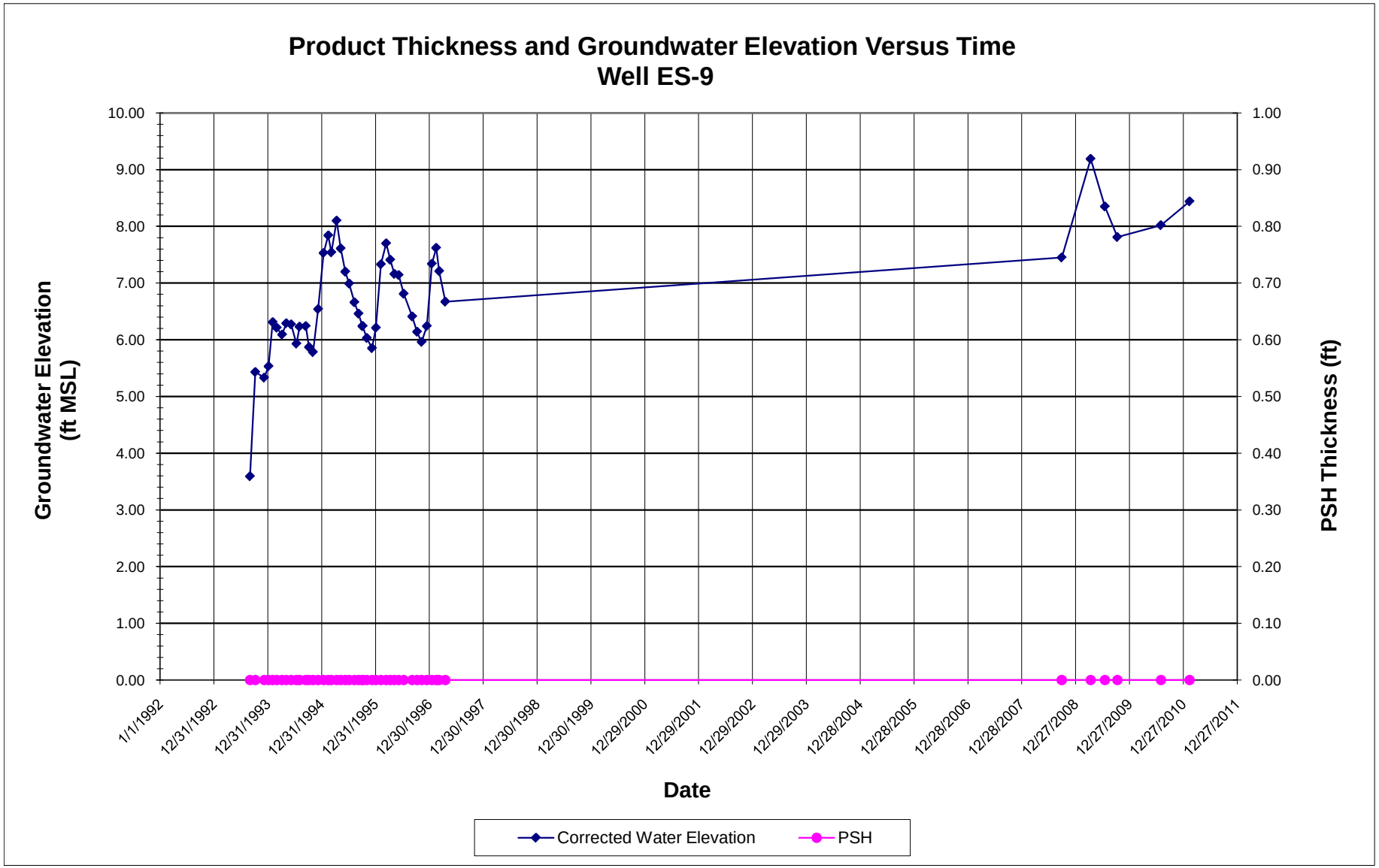

Product Thickness and Groundwater Elevation Versus Time
Well ES-4
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
Corrected Water Elevation
PSH

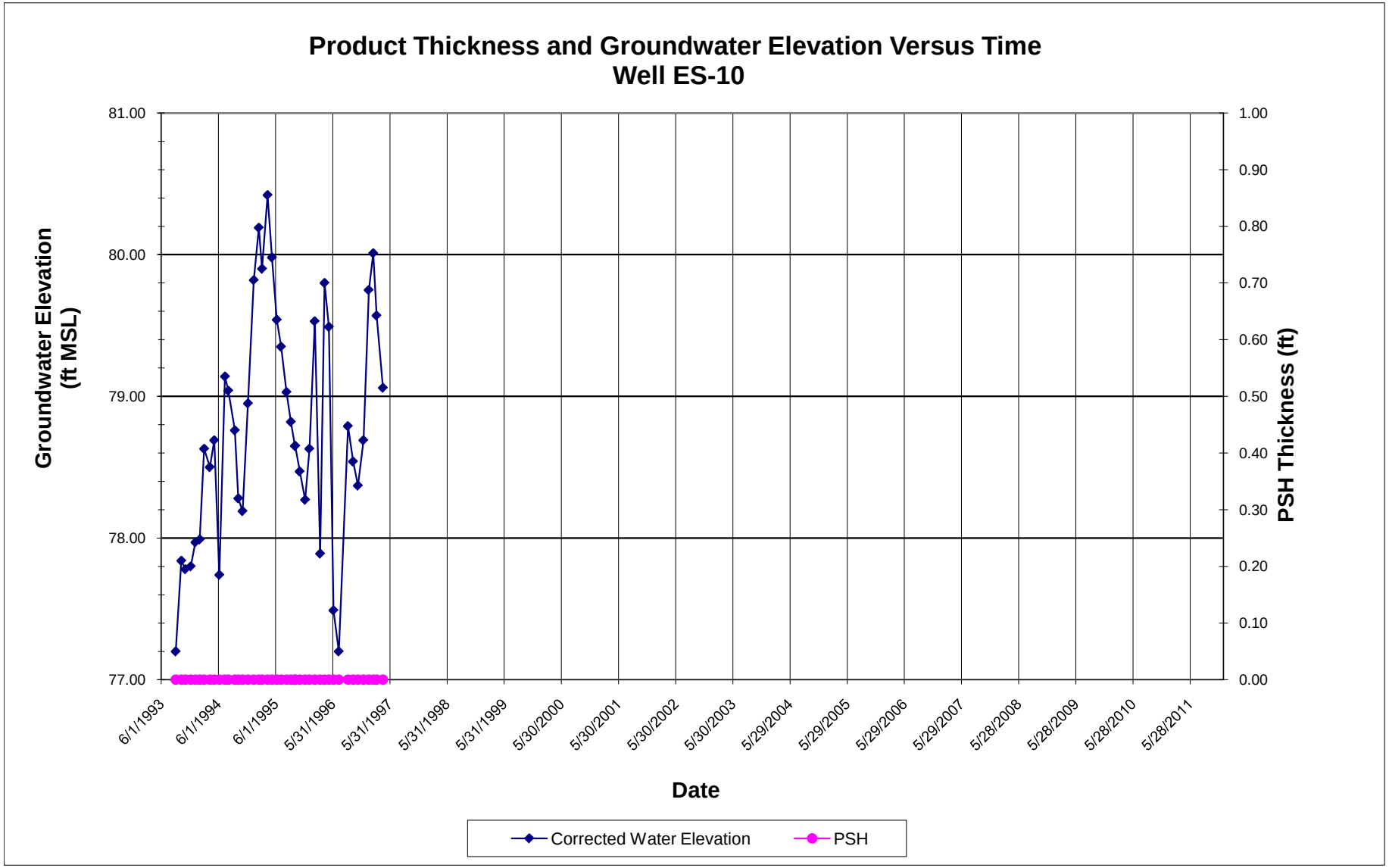

Product Thickness and Groundwater Elevation Versus Time
Well ES-5
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
Date
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Corrected Water Elevation
PSH

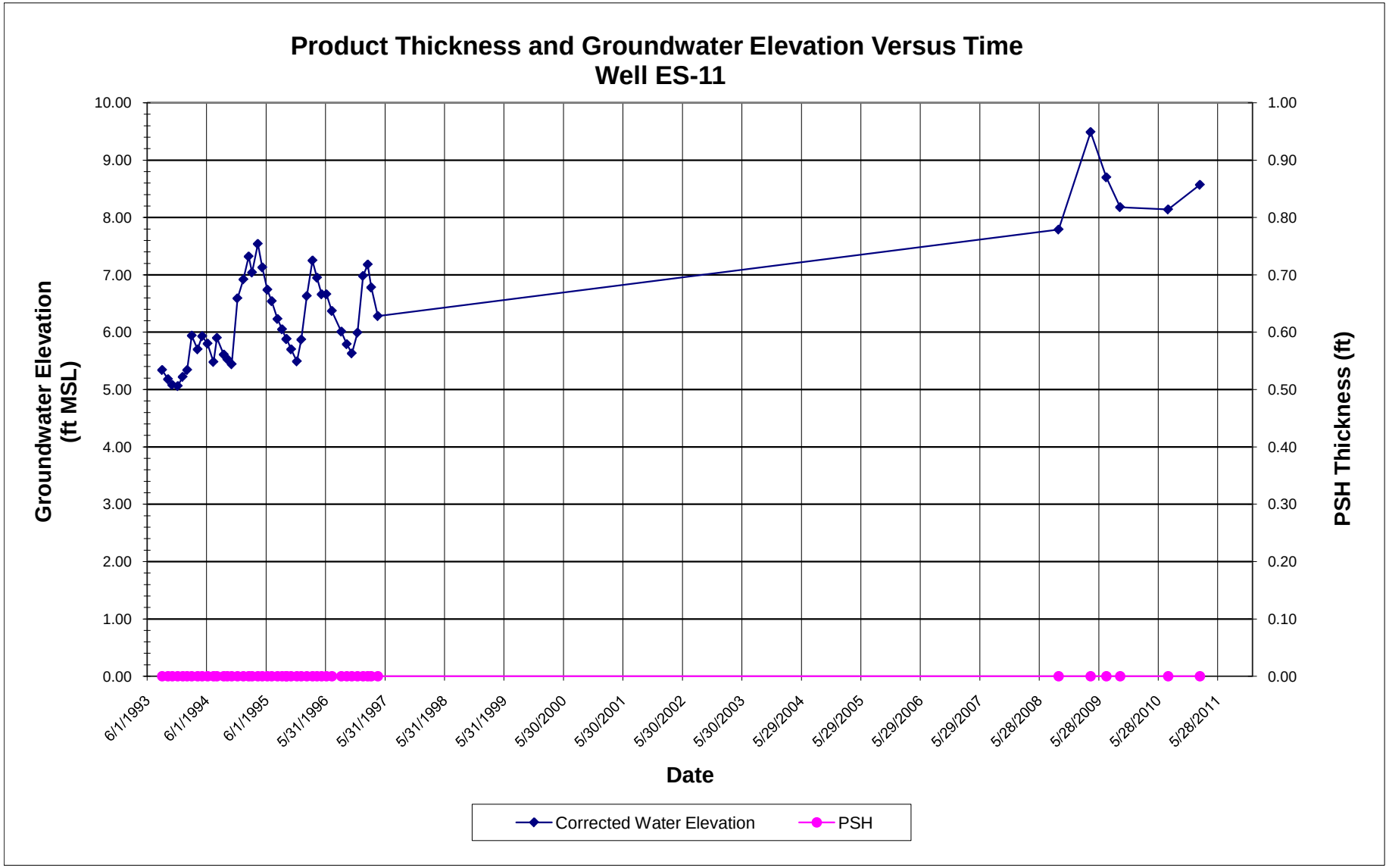

Product Thickness and Groundwater Elevation Versus Time
Well ES-6
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1993
1/1/1994
1/1/1995
1/1/1996
12/31/1996
12/31/1997
12/31/1998
12/31/1999
12/30/2000
12/30/2001
12/30/2002
12/30/2003
12/29/2004
12/29/2005
12/29/2006
12/29/2007
12/28/2008
12/28/2009
12/28/2010
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-7
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1993
1/1/1994
1/1/1995
1/1/1996
12/31/1996
12/31/1997
12/31/1998
12/31/1999
12/30/2000
12/30/2001
12/30/2002
12/30/2003
12/29/2004
12/29/2005
12/29/2006
12/29/2007
12/28/2008
12/28/2009
12/28/2010
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-8
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-9
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-10
Groundwater Elevation (ft MSL)
81.00
80.00
79.00
78.00
77.00
PSH Thickness (ft)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
6/1/1993
6/1/1994
6/1/1995
5/31/1996
5/31/1997
5/31/1998
5/31/1999
5/30/2000
5/30/2001
5/30/2002
5/30/2003
5/29/2004
5/29/2005
5/29/2006
5/29/2007
5/28/2008
5/28/2009
5/28/2010
5/28/2011
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-11
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
6/1/1993
6/1/1994
6/1/1995
5/31/1996
5/31/1997
5/31/1998
5/31/1999
5/30/2000
5/30/2001
5/30/2002
5/30/2003
5/29/2004
5/29/2005
5/29/2006
5/29/2007
5/28/2008
5/28/2009
5/28/2010
5/28/2011
Date
Corrected Water Elevation
PSH

APPENDIX C

Groundwater Sampling Records

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date ~~2/8/2011~~ 2/9/11

Sampling Location (well ID, etc.): BC-1 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.88

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 29.56

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Rubber Cap

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 15.96 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
11:53	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
11:53	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Per-cycle Vol. (mL)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
Time			Temp (°C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10			
11:38	700	15.98	64.68	7.86	0.476	-280.5	Clear	low	strong odor
11:41	800	15.98	65.25	7.89	0.476	-282.4	"	"	"
11:44	720	15.99	65.52	7.88	0.478	-286.5	"	"	"
11:48	720	15.99	65.54	7.88	0.477	-286.7	"	"	"
11:51	740	15.99	65.47	7.85	0.477	-283.2	"	"	"
:									
:									
:									
:									
:									

Water level (ft. BMP) at End of Purge: 15.99

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): BC-2 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.55

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 19.85

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: ~~Heath~~ (PP) | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
:	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
:	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date :	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Per-cycle Vol. (mL)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
Time			Temp (F/C)	pH ± 0.1	Conduct-ivity ± 3 %	ORP ± 10			
:									
:									
:									
:									
:									
:									
:									
:									
:									
:									

Water level (ft. BMP) at End of Purge: _____

Field Notes: Gauge only. No Sample

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): BC-3 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.92

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 20.15

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 15.95 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
10 : 50	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
10 : 50	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 / Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (°C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
10 : 29	900	15.95	64.86	7.52	0.876	-111.5	Clear	Low	
10 : 32	790	15.95	64.90	7.71	0.878	-116.6	"	"	
10 : 35	740	15.95	64.99	7.67	0.887	-119.5	"	"	
10 : 38	750	15.95	65.03	7.71	0.892	-142.3	"	"	
10 : 41	760	15.95	65.05	7.75	0.890	-152.4	"	"	
10 : 44	730	15.95	65.09	7.77	0.887	-156.7	"	"	
10 : 47	750	15.95	65.08	7.80	0.9	-160.9	"	"	
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Water level (ft. BMP) at End of Purge: 15.95

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): ES-1 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.59

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 30.11

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Rubber Cap

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 15.63 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
14:00	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
14:00	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 / Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
13:52	850	15.76	68.22	7.65	0.903	-260.1	Clear	low	
13:55	700	15.77	68.55	7.66	0.903	-257.0	"	"	
13:58	680	15.77	68.60	7.70	0.902	-274.6	"	"	
14:02	700	15.77	68.67	7.70	0.902	-277.3	"	"	
14:05	730	15.78	68.72	7.70	0.902	-279.8	"	"	
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Water level (ft. BMP) at End of Purge: 15.78

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date: 2/8/2011

Sampling Location (well ID, etc.): ES-2 | Total Depth to LNAPL (ft. BMP): -

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 16.12

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 30.15

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Rubber Cap

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 16.22 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
13:17	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
13:17	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Per-cycle Vol. (mL)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp (°C)	pH	Conductivity	ORP			
Time				± 0.1	± 3 %	± 10			
13:03	950	16.26	66.36	7.64	1.044	-282.0	Clear	low	Strong odor
13:06	800	16.26	66.53	7.70	1.045	-289.5	"	"	"
13:09	750	16.27	66.47	7.67	1.043	-274.5	"	"	"
13:12	730	16.26	66.44	7.65	1.040	-272.9	"	"	"
13:15	740	16.26	66.41	7.63	1.039	-268.9	"	"	"
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Water level (ft. BMP) at End of Purge: 16.26

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date: 2/8/2011

Sampling Location (well ID, etc.): ES-3 | Total Depth to LNAPL (ft. BMP): –

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 16.41

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 31.45

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 16.49 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
10:03	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
10:03	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
9:48	900	16.60	67.85	7.57	0.767	-162.8	Clear	low	
9:51	800	16.60	67.65	7.41	0.769	-167.4	"	"	
9:54	750	16.61	67.73	7.41	0.771	-175.4	"	"	
9:58	750	16.61	67.84	7.41	0.771	-175.9	"	"	
10:01	700	16.60	67.68	7.46	0.771	-183.5	"	"	
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Water level (ft. BMP) at End of Purge: 16.60

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date: 2/8/2011

Sampling Location (well ID, etc.): ES-4 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.38

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 29.65

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 15.54 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
15:54	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
15:59	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
15:44	820	15.50	68.55	7.54	0.363	-298.6	Clear	low	
15:47	730	15.52	68.46	7.54	0.366	-301.8	"	"	
15:50	750	15.52	68.47	7.52	0.369	-301.6	"	"	
15:53	780	15.52	68.50	7.50	0.374	-299.1	"	"	
15:56	780	15.52	68.47	7.48	0.376	-299.1	"	"	
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Water level (ft. BMP) at End of Purge: 15.52

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): ES-5 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.55

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 30.05

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Rubber Cap

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 15.61 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
12:30	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
12:30	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 / Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (°F/°C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
12:16	800	15.73	68.72	7.64	0.850	-263.8	Clear	Low	Strong odor
12:19	780	15.75	68.96	7.71	0.856	-266.4	"	"	
12:22	740	15.76	69.07	7.73	0.857	-267.6	"	"	
12:25	7:60	15.76	68.84	7.75	0.858	-269.6	"	"	
12:28	750	15.77	69.04	7.74	0.858	-269.2	"	"	
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Water level (ft. BMP) at End of Purge: 15.77

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): ES-6 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 18.37

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 34.93

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 18.49 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
8:18	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
8:18	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH ± 0.1	Conductivity ± 3%	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
8:01	600	69.66	18.54	7.52	0.699	-88.3	Clear	low	
8:04	750	18.55	70.31	7.62	0.707	-104.8	"	"	
8:08	760	18.55	70.44	7.65	0.711	-111.9	"	"	
8:18	720	18.56	70.71	7.66	0.715	-117.0	"	"	
8:14	730	18.56	71.24	7.67	0.720	-118.1	"	"	
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Water level (ft. BMP) at End of Purge: 18.56

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): ES-7 | Total Depth to LNAPL (ft. BMP): -

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 17.18

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 31.33

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 17:27 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
9:20	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
9:20	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Per-cycle Vol. (mL)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
Time			Temp (F/C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10			
9:03	780	17.38	66.41	7.14	0.478	-103.2	Clear	low	
9:07	900	17.43	66.64	7.08	0.476	-104.8	"	"	
9:10	720	17.42	66.74	7.12	0.476	-107.9	"	"	
9:13	730	17.43	66.77	7.06	0.476	-105.6	"	"	
9:16	680	17.43	66.83	7.07	0.476	-105.4	"	"	
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Water level (ft. BMP) at End of Purge: 17.43

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): ES-B | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 16.01

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 29.11

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 16.07 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
17:03	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
17:03	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-8-11 Time	Purge Characteristics		Water Quality Data				Appearance		REMARKS
	Per-cycle Vol. (mL)	Groundwater Level (Feet BMP)	Field Chemistry Parameters				Color	Turbidity & Sediment	
			Temp °F	pH ±0.1	Conductivity ±3%	ORP ±10			
16:43	750	16.10	~~Tq.46~~ 67.93	7.05	.475	-91.8	Clear	low	
16:46	800	16.10	68.40	7.10	.535	-92.0	"	"	
16:50	750	16.11	68.60	7.10	0.661	-98.4	"	"	
16:53	720	16.11	68.67	7.12	0.783	-101.5	"	"	
16:56	750	16.11	68.66	7.14	0.803	-103.3	"	"	
17:01	740	16.11	68.66	7.13	0.805	-105.1	"	"	
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Water level (ft. BMP) at End of Purge: 16.11

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date 2/8/2011

Sampling Location (well ID, etc.): ES-9 | Total Depth to LNAPL (ft. BMP): —

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 14.89

Casing Diameter (In ID): 4 " ID | Total Depth (ft. BMP): 34.84

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 14.90 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
17:50	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
17:50	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-8-11 Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (°F/°C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
17:33	700	14.96	68.68	7.46	0.833	-89.4	Clear	low	
17:36	710	14.95	68.80	7.52	0.834	-104.9	"	"	
17:40	730	14.96	68.98	7.65	0.835	-116.5	"	"	
17:43	680	14.97	68.96	7.58	0.835	-120.8	"	"	
17:46	710	14.96	68.96	7.58	0.835	-123.4	"	"	
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Water level (ft. BMP) at End of Purge: 14.96

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 10-1379.05 | Project Name: GLI, Oakland | Date: 2/8/2011

Sampling Location (well ID, etc.): ES-11 | Total Depth to LNAPL (ft. BMP):

Gauged by: TAH | Water Level (ft. BMP) (2/8/2011): 15.51

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 34.94

Monitor Well Inspection:

Condition of Concrete Pad: Good

Condition of Lock, Well Cover and Cap: Good

Condition of Well: Good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, distilled water rinse

Purging: Peristaltic Pump (Low-Flow) | Sampling: Peristaltic Pump (Low-Flow)

Disposal of Discharged Water: Collect purge water in 55-gallon drum for disposal

INSTRUMENTS (Indicate make, model, I.D.):

Water Level: 15.61 | Thermometer: YSI 556

pH Meter/ORP: YSI 556 | Filtration: N/A

Conductivity/DO Meter: YSI 556 / N/A | Other: N/A

SAMPLE INVENTORY

Bottles Collected

Time	Vol.	Composition (glass, plastic)	Quantity	Filtration (Y/N)	Preservation (type)	Remarks (quality control sample, other)
16:47	1 Liter	Amber Glass	1	N	HCl	DRO, ORO
16:47	40 mL	Glass VOA	4	N	HCl	GRO, VOCs

Date: 2-9-11 / Time	Purge Characteristics: Per-cycle Vol. (mL)	Purge Characteristics: Groundwater Level (Feet BMP)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH ± 0.1	Conductivity ± 3 %	ORP ± 10	Appearance: Color	Appearance: Turbidity & Sediment	REMARKS
16:33	840	15.64	66.37	7.64	0.533	-213.6	Clear	Low	
16:36	800	15.63	66.50	7.64	0.535	-169.7	"	"	
16:39	780	15.64	66.46	7.62	0.535	-161.7	"	"	
16:42	740	15.64	66.40	7.61	0.535	-163.9	"	"	
16:45	720	15.64	66.44	7.61	0.535	-161.3	"	"	
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Water level (ft. BMP) at End of Purge: 15.64

Field Notes: