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May 10, 2017

Mr. Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: Alameda County Letter dated December 22, 2016
Request for Semi-Annual Groundwater Monitoring and Reporting
2013 San Pablo Ave
Oakland, CA 94608
Fuel Leak Case No. RO0000074
Geotracker Global ID T0600100666

Dear Mr. Detterman:

Greyhound Lines, Inc. (Greyhound) is transmitting the attached documents to Alameda County Environmental Health (ACEH) in response to ACEH letter dated December 22, 2017 regarding the above referenced site (Site). The attached documents include a Groundwater Monitoring Report dated May 12, 2017 which documents a groundwater sampling event conducted at the Site in February 2017.

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website.

Sincerely,

GREYHOUND LINES, INC.

Susan Kirkpatrick
Sr. Environmental Project & Program Manager

GREEN STAR ENVIRONMENTAL

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

Green Star Environmental Report No. 17-1379

Report Prepared For:

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

May 12, 2017

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 May 12, 2017 has been prepared and the related activities were conducted in accordance with the required standards.

10 May 2017

DATE

William Little, P.G.
California P.G. # 7473
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 91776

Report Prepared By:

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Terrance Harriman
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Principal

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2103 San Pablo Avenue
Oakland, California

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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). In accordance with a letter from Alameda County Department of Environmental Health (ACDEH) dated December 22, 2016, a groundwater monitoring event was conducted at the Site in February 2017 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 using total fluids recovery pumps in four, four-inch diameter monitoring 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 monitoring well ES-1.

On April 8, 2009, the elevation and latitude and longitude of the well network were surveyed 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 used 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 using the network of 13 monitoring wells at the Site was conducted on February 2017. Historically, the monitoring well network at the Site has been comprised of 14 monitoring wells, but, in September 2008, monitoring well ES-10 was found to have been covered by pavement comprising Castro Street. Monitoring well BC-2 was not sampled due to its close proximity to monitoring well BC-3. 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 monitoring well using a Solonist® interface probe on February 21 and 23, 2017. Table 2a presents a summary of groundwater gauging data from the February 2017 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 2017 and has not been detected since October 1997. Groundwater elevations in the monitoring wells gauged ranged from 11.80 feet above msl in monitoring well ES-8 to 10.83 feet above msl in monitoring well ES-7. The calculated hydraulic gradient was approximately 0.008 ft/ft. The groundwater flow direction was towards the east of the site. The groundwater gradient in February 2017 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 monitoring well. All monitoring wells were accessible during the February 2017 monitoring event and were purged per standard low-flow sampling procedure. 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 a 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 monitoring 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.

The collected groundwater samples were transferred into laboratory-provided 40-milliter (mL) glass vials. A 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-g, TPH-d, and TPH-o via EPA Method 8015 modified as well as for 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 2017 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 eleven of the monitoring wells sampled. Benzene was detected at a concentration that exceeded the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) for non-drinking water resources in three monitoring wells (ES-1, ES-2, and ES-5) at a maximum concentration of 600 µg/L in the sample collected from monitoring well ES-2. Ethylbenzene was detected at concentrations that exceeded the RWQCB ESL for non-drinking water resources in the sample collected from monitoring well ES-5 at a concentration of 130 µg/L. Xylenes were detected at concentrations that exceeded the RWQCB ESL for non-drinking water resources in the sample collected from monitoring well ES-5 at a concentration of 170 µg/L. 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 dissolved-phase TPH constituent was present in eleven monitoring wells sampled including BC-1, BC-3, ES-1 through ES-5, ES-7 through ES-9, and ES-11. TPH-g was detected at a concentration that exceeded the RWQCB ESL for non-drinking water resources in five monitoring wells (BC-1, ES-1 through ES-3, and ES-5) at a maximum concentration of 7,100 µg/L in the sample collected from monitoring well ES-5. TPH-d was detected at a concentration that exceeded the RWQCB ESL for non-drinking water resources in monitoring well ES-5 at a concentration of 730 µg/L. TPH-o was not detected above laboratory detection limits in any of the sampled monitoring wells. 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

Four miscellaneous petroleum hydrocarbons were detected above laboratory detection limits, including naphthalene, DIPE, EDC and Ethanol. Naphthalene was detected in three monitoring wells (BC-1, ES-3 and ES-5) at a concentration that exceeded the RWQCB ESL for non-drinking water resources at a maximum concentration of 45 µg/L in monitoring well ES-5. DIPE was detected in seven

monitoring wells (BC-1, ES-1 through ES-4, ES-8, and ES-9) at a maximum concentration of 64 µg/L in the sample collected from monitoring well ES-1. EDC was detected in monitoring well ES-2 at a concentration of 2.2J µg/L, below RWQCB ESL for non-drinking water resources. Ethanol was detected in two monitoring wells (BC-3 and ES-7) at a maximum concentration of 9,200 µg/L in monitoring well BC-3. MTBE, ETBE, TAME, EDB, and TBA were not detected above laboratory detection limits.

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 monitoring well was used to purge and sample the monitoring wells.

2.6 Field-Derived Waste

Purged groundwater and decontamination fluids were containerized in appropriately labeled, DOT-approved, 55-gallon drums pending off site disposal.

3.0 SUMMARY AND CONCLUSIONS

This Groundwater Monitoring Report documents groundwater monitoring activities conducted in February 2017. 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 using total fluids recovery pumps in four, four-inch diameter monitoring wells (ES-1, ES-5, BC-1 and ES-2). Data indicates 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 monitoring well ES-1.

- Currently, the monitoring well network at the Site is comprised of 13 monitoring wells. In February 2017, total depths, depths to groundwater, and the presence of PSH were measured in each monitoring well. Twelve monitoring 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 2017 and has not been detected since October 1997. Groundwater elevations in the monitoring wells gauged ranged from 11.80 feet above msl in monitoring well ES-8 to 10.83 feet above msl in monitoring well ES-7. The calculated hydraulic gradient was approximately 0.008 ft/ft. The groundwater flow direction was towards the east of the site.

- Analytical results from the groundwater event indicated concentrations of BTEX, TPH-g, TPH-d, and naphthalene were detected above their respective San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) for non-drinking water resources. Benzene was detected at a maximum concentration of 600 µg/L in the sample collected from monitoring well ES-2. Ethylbenzene and xylenes were detected in the sample collected from monitoring well ES-5 at maximum concentrations of 130 µg/L and 170 µg/L respectively. TPH-g was detected at a maximum concentration of 7,100 µg/L in the sample collected from monitoring well ES-5. TPH-d was detected at a maximum concentration of 730 µg/L in the sample collected from monitoring well ES-5. TPH-o was not detected above RWQCB ESL for non-drinking water resources. Napthalene was detected at a maximum concentration of 45 µg/L in monitoring well ES-5. EDC was detected in monitoring well ES-2 at a concentration of 2.2J µg/L, below RWQCB ESL for non-drinking water resources. Ethanol was detected at a maximum concentration of 9,200 µg/L in monitoring well BC-3. MTBE, ETBE, TAME, EDB, and TBA, were not detected above laboratory detection limits in any of the monitoring wells that were sampled.

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.

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FIGURES

APPENDIX A

Analytical Results with Chain-of-Custody Documentation

APPENDIX B

PSH Thickness and Groundwater Elevation Graphs

APPENDIX C

Groundwater Sampling Records

APPENDIX D

Waste Manifest Record

TABLES

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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.

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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.

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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.

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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.

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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.
69	7/6/2011	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in February 2011 utilizing 13 wells. PSH was not detected. Benzene, toluene, ethylbenzene, xylenes, naphthalene, and EDC exceeded RWQCB ESLs. TPH-g, TPH-d, and TPH-o exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.

Table 1 - Summary of Previous Reports
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

Reference No.	Document Date	Type	Title	Author	Description
70	7/6/2011	Report	Site Investigation and Soil Gas Survey Report	Green Star Environmental	In October 2010, 12 soil borings were advanced to evaluate subsurface conditions in the area of the former tankpit and 4 direct-push soil borings were used to collect soil vapor samples. None of the soil samples exceeded the RWQCB ESL for shallow soils, however, benzene, ethylbenzene, xylenes, TPH-g, and TPH-d exceeded the RWQCB ESL for deep soils. Of the detected chemical constituents in the collected soil vapor sample, RWQCB ESLs for shallow soils were established only for benzene and TPH-g, and neither were exceeded in the sample.
71	12/21/2011	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.
72	2/13/2012	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in December, 2011 utilizing 12 wells. PSH was not detected. Analytical results indicated that benzene, ethylbenzene, xylenes, naphthalene, and TPH (TPH-g and TPH-d) were detected above the non-ingestion-specific RWQCB ESL for each constituent.
73	2/10/2015	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in August 2014 utilizing 12 wells. PSH was not detected. Benzene, ethylbenzene, xylenes, and naphthalene exceeded RWQCB ESLs. TPH-g, TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
74	4/6/2015	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in March 2015 utilizing 12 wells. PSH was not detected. Benzene, ethylbenzene, xylenes, and naphthalene exceeded RWQCB ESLs. TPH-g, TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
75	10/16/2015	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in August 2015 utilizing 12 wells. PSH was not detected. Benzene, ethylbenzene, xylenes, and naphthalene exceeded RWQCB ESLs. TPH-g, TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
76	4/22/2016	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in February 2016 utilizing 12 wells. PSH was not detected. Benzene, ethylbenzene, xylenes, and naphthalene exceeded RWQCB ESLs. TPH-g, TPH-d exceeded California EPA ESLs. The majority of groundwater impacts remained on-site.
76	8/7/2016	Report	Groundwater Monitoring Report	Green Star Environmental	A groundwater monitoring event was performed in August 2016 utilizing 12 wells. PSH was not detected. Benzene, ethylbenzene, xylenes, and naphthalene exceeded RWQCB ESLs. TPH-g, TPH-d 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 2017)
Oakland Bus Terminal
2103 San Pable Ave.
Oakland, Alameda County, California
Green Star Project No. 16-1379

Well	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	02/21/17	unknown	24.41	--	13.07	--	29.66	11.34
BC-2[2]	02/21/17	unknown	24.37	--	13.54	--	20.00	na
BC-3[2]	02/21/17	unknown	24.42	--	11.73	--	20.17	na
ES-1	02/21/17	10.5-30.5	24.11	--	12.65	--	30.18	11.46
ES-2	02/21/17	10.5-30.5	24.66	--	13.37	--	30.15	11.29
ES-3	02/21/17	15-35	24.93	--	13.80	--	32.80	11.13
ES-4	02/21/17	10.5-30.5	23.93	--	12.60	--	30.53	11.33
ES-5	02/21/17	10.5-30.5	24.08	--	12.62	--	30.11	11.46
ES-6	02/21/17	15-35	27.06	--	15.76	--	36.24	11.30
ES-7	02/21/17	15-35	25.66	--	14.83	--	35.08	10.83
ES-8	02/23/17	15-35	24.74	--	12.94	--	29.23	11.80
ES-9	02/23/17	15-35	23.33	--	11.99	--	34.94	11.34
ES-10[3]	nm	15-35	nm	nm	nm	nm	nm	nm
ES-11	02/21/17	15-36	24.08	--	12.74	--	36.12	11.34

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 wells 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. 15-1379

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
BC-1	12/13/11	24.41	--	16.61	--	29.70	7.80
BC-1	08/04/14	24.41	--	17.20	--	29.71	7.21
BC-1	03/12/15	24.41	--	16.37	--	29.65	8.04
BC-1	08/20/15	24.41	--	17.36	--	29.66	7.05
BC-1	02/22/16	24.41	--	16.26	--	29.70	8.15
BC-1	08/16/16	24.41	--	16.83	--	29.72	7.58
BC-1	02/21/17	24.14	--	13.07	--	29.66	11.07

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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]
BC-2	12/13/11	24.37	--	16.56	--	20.02	nd[2]
BC-2	08/04/14	24.37	--	17.12	--	20.16	nd[2]
BC-2	03/12/15	24.37	--	16.39	--	19.93	nd[2]
BC-2	08/19/15	25.37	--	17.32	--	20.85	nd[2]
BC-2	02/23/16	25.37	--	16.76	--	20.00	nd[2]
BC-2	08/16/16	25.37	--	16.89	--	19.91	nd[2]
BC-2	02/21/17	25.37	--	13.54	--	20.00	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. 15-1379

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]
BC-3	12/13/11	24.42	--	16.59	--	20.23	nd[2]
BC-3	08/04/14	24.42	--	17.22	--	20.20	nd[2]
BC-3	03/12/15	24.42	--	16.42	--	20.08	nd[2]
BC-3	08/19/15	25.42	--	17.36	--	20.28	nd[2]
BC-3	02/23/16	25.42	--	16.19	--	20.25	nd[2]
BC-3	08/16/16	25.42	--	17.05	--	20.24	nd[2]
BC-3	02/21/17	25.42		11.73		20.17	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. 15-1379

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	06/16/92	24.11	20.18	23.78	3.60	nm	3.25
ES-1	07/07/92	24.11	--	18.60	--	nm	5.51
ES-1	08/04/92	24.11	18.80	18.81	0.01	nm	5.31
ES-1	08/31/92	24.11	18.96	18.97	0.01	nm	5.15
ES-1	10/06/92	24.11	19.08	19.10	0.02	nm	5.03
ES-1	11/06/92	24.11	18.52	18.53	0.01	nm	5.59
ES-1	01/07/93	24.11	20.27	20.26	0.01	nm	3.86
ES-1	04/06/93	24.11	--	17.88	--	nm	6.23
ES-1	07/03/93	24.11	--	18.68	--	nm	5.43
ES-1	08/04/93	24.11	--	18.85	--	nm	5.26
ES-1	09/01/93	24.11	--	18.90	--	nm	5.21
ES-1	10/07/93	24.11	19.04	19.03	0.01	nm	5.09
ES-1	11/02/93	24.11	--	19.20	--	nm	4.91
ES-1	12/06/93	24.11	--	19.15	--	nm	4.96
ES-1	01/05/94	24.11	--	18.96	--	nm	5.15
ES-1	02/02/94	24.11	--	18.92	--	nm	5.19
ES-1	05/05/94	24.11	17.91	18.08	0.17	nm	6.17
ES-1	06/07/94	24.11	18.50	18.68	0.18	nm	5.58
ES-1	07/13/94	24.11	17.88	18.02	0.14	nm	6.20
ES-1	08/03/94	24.11	18.04	18.21	0.17	nm	6.04
ES-1	09/14/94	24.11	18.66	18.64	0.02	nm	5.49
ES-1	10/06/94	24.11	18.39	18.43	0.04	nm	5.71
ES-1	11/02/94	24.11	--	18.39	--	nm	5.72
ES-1	12/07/94	24.11	--	17.70	--	nm	6.41
ES-1	01/13/95	24.11	18.39	18.43	0.04	nm	5.71
ES-1	02/14/95	24.11	16.44	16.45	0.01	nm	7.67
ES-1	03/07/95	24.11	--	16.74	--	nm	7.37
ES-1	04/11/95	24.11	--	16.25	--	nm	7.86
ES-1	05/09/95	24.11	--	16.66	--	nm	7.45
ES-1	06/09/95	24.11	17.15	17.16	0.01	nm	6.96
ES-1	07/06/95	24.11	--	17.28	--	nm	6.83
ES-1	08/10/95	24.11	17.60	17.61	0.01	nm	6.51
ES-1	09/07/95	24.11	--	17.79	--	nm	6.32
ES-1	10/05/95	24.11	--	18.01	--	nm	6.10
ES-1	01/03/96	24.11	--	18.04	--	nm	6.07
ES-1	04/09/96	24.11	--	17.40	--	nm	6.71
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-1	12/13/11	24.11	--	16.38	--	30.19	7.73
ES-1	08/04/14	24.11	nm	nm	nm	nm	nm
ES-1	03/12/15	24.11	--	16.13	--	30.18	7.98
ES-1	08/19/15	24.11	--	17.15	--	30.22	6.96
ES-1	02/23/16	24.11	--	16.00	--	30.94	8.11
ES-1	08/16/16	24.11	--	16.60	--	30.18	7.51
ES-1	02/21/17	24.11	--	12.65	--	30.18	11.46

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
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-2	12/13/11	24.66	--	16.91	--	30.29	7.75
ES-2	08/04/14	24.66	--	17.39	--	30.24	7.27
ES-2	03/12/15	24.66	--	16.64	--	30.24	8.02
ES-2	08/19/15	24.66	--	17.65	--	30.25	7.01
ES-2	02/23/16	24.66	--	16.52	--	30.22	8.14
ES-2	08/16/16	24.66	--	17.10	--	30.22	7.56
ES-2	02/21/17	24.66	--	31.37	--	30.15	-6.71

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
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-3	12/13/11	24.93	--	17.11	--	31.46	7.82
ES-3	08/04/14	24.93	--	17.80	--	31.72	7.13
ES-3	03/12/15	24.93	--	16.96	--	31.49	7.97
ES-3	08/19/15	24.93	--	17.98	--	31.75	6.95
ES-3	02/23/16	24.93	--	16.84	--	31.74	8.09
ES-3	08/16/16	24.93	--	17.49	--	31.62	7.44
ES-3	02/21/17	24.93	--	13.80	--	32.13	11.13

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
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-4	12/13/11	23.93	--	16.19	--	30.05	7.74
ES-4	08/04/14	23.93	--	16.68	--	30.00	7.25
ES-4	03/12/15	23.93	--	15.90	--	28.49	8.03
ES-4	08/19/15	23.93	--	16.90	--	30.11	7.03
ES-4	02/23/16	23.93	--	15.77	--	30.06	8.16
ES-4	08/16/16	23.93	--	16.32	--	30.05	7.61
ES-4	02/21/17	23.93	--	12.60	--	30.53	11.33

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
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-5	12/13/11	24.08	--	16.33	--	30.16	7.75
ES-5	08/04/14	24.08	--	15.83	--	30.31	8.25
ES-5	03/12/15	24.08	--	16.12	--	30.19	7.96
ES-5	08/19/15	24.08	--	17.01	--	30.23	7.07
ES-5	02/23/16	24.08	--	15.96	--	30.15	8.12
ES-5	08/16/16	24.08	--	16.58	--	30.16	7.50
ES-5	02/21/17	24.08	--	12.62	--	30.11	11.46

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
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-6	12/13/11	27.06	--	19.18	--	39.19	7.88
ES-6	08/04/14	27.06	--	19.64	--	35.11	7.42
ES-6	03/12/15	27.06	--	18.95	--	35.04	8.11
ES-6	08/19/15	27.06	--	19.92	--	35.13	7.14
ES-6	02/23/16	27.06	--	18.75	--	35.11	8.31
ES-6	08/16/16	27.06	--	19.30	--	35.11	7.76
ES-6	02/21/17	27.06	--	15.76	--	36.24	11.30

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
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-7	12/13/11	25.66	--	17.91	--	33.55	7.75
ES-7	08/04/14	25.66	--	17.10	--	31.61	8.56
ES-7	03/12/15	25.66	--	17.79	--	33.28	7.87
ES-7	08/19/15	25.66	--	18.75	--	33.58	6.91
ES-7	02/23/16	25.66	--	17.70	--	33.96	7.96
ES-7	08/16/16	25.66	--	18.31	--	34.13	7.35
ES-7	02/21/17	25.66	--	14.83	--	35.08	10.83

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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-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
ES-8	12/13/11	24.74	--	16.79	--	29.32	7.95
ES-8	08/06/14	24.74	--	17.09	--	29.30	7.65
ES-8	03/12/15	24.74	--	16.55	--	29.22	8.19
ES-8	08/20/15	24.74	--	17.58	--	29.31	7.16
ES-8	02/24/16	24.74	--	16.50	--	29.26	8.24
ES-8	08/18/16	24.74	--	17.12	--	29.23	7.62
ES-8	02/23/17	24.74	--	12.94	--	29.23	11.80

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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
ES-9	12/13/11	23.33	--	15.69	--	34.95	7.64
ES-9	08/06/14	23.33	--	16.05	--	34.90	7.28
ES-9	03/12/15	23.33	--	15.41	--	34.99	7.92
ES-9	08/20/15	23.33	--	16.45	--	35.00	6.88
ES-9	02/24/16	23.33	--	15.34	--	34.95	7.99
ES-9	08/18/16	23.33	--	15.94	--	35.04	7.39
ES-9	02/23/17	23.33	--	11.99	--	34.95	11.34

Table 2b - Cumulative Summary of Groundwater Level Measurements
Oakland Bus Terminal
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 15-1379

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
ES-10[3]	12/13/11	nm	nm	nm	nm	nm	nm
ES-10[3]	08/04/14	nm	nm	nm	nm	nm	nm
ES-10[3]	03/12/15	nm	nm	nm	nm	nm	nm
ES-10[3]	08/19/15	nm	nm	nm	nm	nm	nm
ES-10[3]	02/22/16	nm	nm	nm	nm	nm	nm
ES-10[3]	08/18/16	nm	nm	nm	nm	nm	nm
ES-10[3]	02/21/17	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. 15-1379

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
ES-11	12/13/11	24.08	--	16.34	--	35.14	7.74
ES-11	08/04/14	24.08	--	16.60	--	35.10	7.48
ES-11	03/12/15	24.08	--	16.03	--	35.05	8.05
ES-11	08/19/15	24.08	--	17.02	--	35.06	7.06
ES-11	02/22/16	24.08	--	15.89	--	35.08	8.19
ES-11	08/16/16	24.08	--	16.45	--	35.00	7.63
ES-11	02/21/17	24.08	--	12.74	--	36.12	11.34

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 2017)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 16-1379

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	02/22/17	14	1.4	1	2	18	1	<0.20	<0.14	<0.44	48	<0.24	<0.18	<1.9	<62	**490**	54	<150
BC-2	02/22/17	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
BC-3	02/22/17	0.41J	0.54J	<0.25	<1.2	0.95	<0.80	<0.50	<0.35	<1.1	<0.35	<0.60	<0.45	<4.7	9200	22J	<45	<150
ES-1	02/22/17	**150**	13	10	45	218	<0.80	<0.50	<0.35	<1.1	64	<0.60	<0.45	<4.7	<160	**2500**	270	<150
ES-2	02/22/17	**600**	39	8	50	697	4	<2.0	<1.4	<4.4	61	<2.4	**2.2J**	<19	<620	**3700**	460	<150
ES-3	02/22/17	1.7J	7.3J	1.4J	7	24	<0.80	<0.50	<0.35	<1.1	0.73J	<0.60	<0.45	<4.7	<160	**880**	190	<150
ES-4	02/22/17	<0.051	0.043JB	<0.050	<0.25	0.04	<0.16	<0.10	<0.070	<0.22	2	<0.12	<0.090	<0.94	<31	28J	<45	<150
ES-5	02/22/17	**160**	95	**130**	**170**	555	**45**	<0.50	<0.35	<1.1	<0.35	<0.60	<0.45	<4.7	<160	**7100**	**730**	<150
ES-6	02/22/17	<0.051	0.076J	<0.050	<0.25	0.08	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	<11	<45	<150
ES-7	02/22/17	<0.051	0.098J	<0.050	<0.25	0.10	<0.16	<0.10	<.070	<0.22	<0.070	<0.12	<0.090	<0.94	120	23J	<45	<150
ES-8	02/23/17	<0.051	0.044J	<0.050	<0.25	0.04	<0.16	<0.10	<0.070	<0.22	2	<0.12	<0.090	<0.94	<31	12J	<45	<150
ES-9	02/23/17	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	0.25	<0.12	<0.090	<0.94	<31	14J	<45	<150
ES-10	02/22/17	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	02/22/17	<0.051	0.080J	<0.050	<0.25	0.08	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	22J	<45	<150
RWQCB ESLs (non-drinking water resource)		**46**	**130**	**43**	**100**	ne	**24**	**180**	ne	ne	ne	**73**	**99**	**18000**	ne	**440**	**640**	**50000**
RWQCB ESLs (potential vapor intrusion concerns, commercial)		**260**	ne	**3300**	ne	ne	**1600**	**130000**	ne	ne	ne	**73**	**790**	ne	ne	ne	ne	ne

Analytical test results are reported in micrograms per liter (µg/L).
Bolded results indicate detected concentrations exceeded RWQCB ESLs for non-drinking water resource.
* EDC is the abbreviation for 1,2-Dichloroethane (1,2-DCA) presented in the Analytical Report attached as Appendix A.
ne = not established ns = not sampled nt = not tested for that constituent dne = does not exist na = not analyzed <, BDL = below laboratory detection limits
J = reported result is between the MDL and PQL
B = analyte detected in the associated Method Blank and in the sample

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	**160**	**72**	**35**	**93**	360	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**200**	**640**	nt	nt
	07/15/97	**520**	**130**	**170**	**290**	1110	nt	100	nt	nt	nt	nt	nt	nt	nt	**11000**	**95000**	nt	**203**
	10/07/97	**310**	**600**	**370**	**1900**	3180	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**31000**	**484000**	nt	**4340**
	09/25/08	**220**	**22**	**32**	**38**	312	**16**	<0.31	<0.14	**0.26 J**	**82**	**0.39 J**	<0.24	<6	<74	**3700**	**2000**	<290	nt
	04/09/09	**130**	**20**	**17**	**33**	200	**6**	<0.3	<0.14	**0.58 J**	**74**	**0.27 J**	<0.23	<17	<74	**2100**	**3700**	<33	nt
	07/15/09	**200**	**39**	**35**	**58**	332	**14**	<0.32	<0.14	<0.14	**110**	**0.28 J**	<0.23	<17	<74	**3200**	**910**	150	nt
	10/07/09	**230**	**34**	**45**	**62**	371	**23**	<0.32	<0.14	<0.14	**60**	<0.17	<0.23	<17	<74	**3700**	**630**	64	nt
	07/29/10	**76**	**4.9**	**8.6**	**8.5**	98	**4.8**	<0.83	<0.83	<0.83	nt	<0.83	<0.83	<3.3	<83	**1000**	**290**	<250	nt
	02/09/11	**35**	**2.5**	**2.8**	**4.7**	45	**2.3**	<0.5	<0.5	<0.5	**49**	<0.5	<0.50	<4.0	<100	**420**	**370**	<250	nt
	12/13/11	**120**	**6.9**	**3.2**	**6.8**	136.9	**4.1**	<0.25	<0.25	<0.25	**65**	<0.25	<0.25	**3.7**	<25	**1200**	**300**	<250	nt
	12/13/11	**74**	**7.6**	**10**	**16**	108	**10**	<.50	<0.35	<1.1	**42**	<0.60	<0.45	<4.7	<110	**1200**	**270**	<250	nt
	03/12/15	**6**	**0.56J**	**0.38J**	<0.62	8	<0.40	<0.25	<0.18	<0.55	**73**	<0.30	<0.23	<2.4	<78	**540**	**180**	<65	nt
	08/19/15	**31**	**1.7**	**1**	**2**	36	**2**	<0.20	<0.14	<0.44	**65**	<0.24	<0.18	<1.9	<62	**570**	**130**	**68J**	nt
	02/24/16	**10**	<0.50	<0.50	**1**	11	<0.50	<0.50	<0.50	<0.50	**50**	<0.50	<0.50	<2.0	<50	**370**	**120**	**120 J**	nt
	08/17/16	**3**	**0.28 JB**	**0.32 J**	<0.62	3	**0.46 J**	<0.25	<0.18	<0.55	**51**	<0.30	<0.23	**3.3 J**	<78	**660**	**62**	<65	nt
	02/22/17	**14**	**1.4**	**1**	**2**	18	**1**	<0.20	<0.14	<0.44	**48**	<0.24	<0.18	<1.9	<62	**490**	**54**	<150	nt
BC-2	07/08/92	BDL	BDL	BDL	8	8	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**2100**	nt	nt
	10/06/92	BDL	**1**	**1**	**7**	9	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	BDL	**1**	**2**	**10**	13	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	**130**	nt	nt
	07/23/93	**1**	**2**	**2**	**8**	13	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	**500**	nt	BDL
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1400**	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	**1100**	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	**290**	nt	nt
	10/05/95	**1**	BDL	BDL	**1**	2	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**1500**	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**50**	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**680**	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**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
	12/13/11	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	08/19/15	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	02/23/16	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	08/17/16	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
	2/22/2017	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
BC-3	07/08/92	BDL	**2.5**	BDL	**6**	8.5	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**3900**	nt	nt
	10/06/92	BDL	**1.9**	**0.5**	**2**	4.4	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**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	**120**	nt	nt
	07/23/93	**3**	**3.6**	**1.8**	**8**	16.4	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt**	nt	nt
	10/07/93	BDL	BDL	**0.1**	**2**	2	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1400**	nt	nt
	01/05/94	BDL	BDL	BDL	**2**	2	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**1800**	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**850**	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**200**	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**820**	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**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	**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

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**490**	nt	BDL
	10/07/97	BDL	BDL	1.9	2	3.9	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**51**	**1340**	nt	BDL
	09/25/08	<4	**0.6 J**	**0.6 J**	<0.3	1.2	<0.3	<0.31	<0.14	**0.7 J**	<0.36	<0.31	<0.24	<6	<74	<84	<21	**1300**	nt
	04/09/09	**6**	**0.8 J**	**0.8 J**	**1.2 J**	8.8	**5**	<0.3	<0.14	**0.52 J**	**0.43 J**	<0.17	<0.23	<17	<74	<24	**18 J**	**880**	nt
	07/15/09	**4.9 J**	**0.6 J**	**0.3 J**	<0.13	5.8	**0.22 J**	<0.32	<0.14	**0.44 J**	**0.3 J**	<0.17	<0.23	<17	<74	**19 J**	**59**	**170**	nt
	10/07/09	**3**	**0.3 J**	**0.2 J**	**0.4 J**	3.9	**0.2 J**	<0.32	<0.14	<0.14	**0.4 J**	<0.17	<0.23	<17	<74	**25 J**	**58**	**110**	nt
	07/29/10	**1.7**	**0.47 J**	**0.78**	**0.55**	3.5	**0.59**	<0.25	<0.25	<0.25	nt	<0.25	<0.25	<1	<25	<50	<50	<250	nt
	02/09/11	**0.44 J**	**0.69**	**1.3**	**2.2**	4.6	**0.88**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2	<50	<50	<50	<250	nt
	12/13/11	**2.2**	**0.65**	0.88	**1.0**	4.73	**1.5**	<0.25	<0.25	**3.3**	<0.25	<0.25	<0.25	**2.0**	<25	<50	<50	<250	nt
	03/13/15	**0.16JB**	**0.065J**	<0.050	<0.25	0.23	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**22J**	<24	<65	nt
	08/19/15	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**19J**	**35J**	<65	nt
	02/23/16	<0.50	<0.50	<0.50	<0.50	BDL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<50	<50	<24	<65	nt
	08/17/16	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**19 J**	<24	<65	nt
	02/22/17	**0.41J**	**0.54J**	<0.25	<1.2	0.95	<0.80	<0.50	<0.35	<1.1	<0.35	<0.60	<0.45	<4.7	**9200**	**22J**	<45	<150	nt
ES-1	11/19/91	**130**	**43**	**10**	**91**	274	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/17/97	**110**	**18**	**7**	**45**	180	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**100**	BDL	nt	nt
	07/16/97	**76**	**8**	**11**	**25**	120	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**960**	**1200**	nt	**14**
	10/07/97	**49**	**34**	**11**	**23**	117	nt	**14**	nt	nt	nt	nt	nt	nt	nt	**1700**	**2770**	nt	**10**
	09/25/08	**140**	**9**	**14**	**16**	179	**11**	<0.31	<0.14	<0.26	**130**	<0.31	**0.49 J**	<6	<74	**2900**	**2500**	<290	nt
	04/09/09	**260**	**29**	**27**	**49**	365	**25**	<0.32	<0.14	<0.14	**66**	**0.37 J**	**0.47 J**	<17	<74	**2400**	**3600**	<36	nt
	07/15/09	**300**	**63**	**92**	**90**	545	**53**	<0.32	<0.14	**0.23 J**	**100**	**0.38 J**	**0.86 J**	<17	<74	**5000**	**930**	**210**	nt
	10/07/09	**340**	**36**	**44**	**53**	473	**37**	<0.32	<0.14	<0.14	**82**	<0.17	**0.7 J**	<17	<74	**4100**	**610**	**100**	nt
	07/29/10	**630**	**61**	**110**	**120**	921	**95**	<6.2	<6.2	<6.2	nt	<6.2	<6.2	<25	<620	**5200**	**1100**	<250	nt
	02/09/11	**390**	**41**	**52**	**71**	554	**33**	<5	<5	<5	**49**	<5	<5	<40	<1000	**4400**	**810**	<250	nt
	12/13/11	**470**	**46**	**66**	**87**	669	**64**	<0.25	<0.25	<0.25	**59**	<0.25	<0.25	<1.0	<25	**4600**	**790**	<250	nt
	03/12/15	**120**	**14**	**10**	**50**	194	**12**	<0.50	<0.35	<1.1	**37**	<0.60	**1.8JB**	<4.7	<160	**4000**	**370**	<65	nt
	08/20/15	**170**	**14**	**22**	**52**	258	**8**	<1.0	<0.070	<2.2	**43**	<1.2	<0.90	<9.4	<310	**3600**	**400**	<65	nt
	02/23/16	**230**	**20**	**34**	**71**	355	**11**	<5.0	<5.0	<5.0	**53**	<5.0	<5.0	<20	<500	**2900**	**310**	**100 J**	nt
	08/17/16	**270**	**21**	**12**	**69**	372	**10**	<1.0	<0.70	<2.2	**38**	<1.2	<0.90	<9.4	<310	**7400**	**680**	<65	nt
	02/22/17	**150**	**13**	**10**	**45**	218	<0.80	<0.50	<0.35	<1.1	**64**	<0.60	<0.45	<4.7	<160	**2500**	**270**	<150	nt
ES-2	11/19/91	**390**	**96**	**78**	**310**	874	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/17/97	**340**	**110**	**110**	**240**	800	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**3800**	**1800**	nt	nt
	07/15/97	**190**	**140**	**73**	**250**	653	nt	**81**	nt	nt	nt	nt	nt	nt	nt	**3700**	**16000**	nt	**194**
	10/07/97	**190**	**46**	**46**	**70**	352	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**7200**	**8040**	nt	**993**
	09/25/08	**700**	**53**	**29**	**84**	866	**10**	<0.31	<0.14	**0.41 J**	**100**	<0.31	**0.38 J**	<6	<74	**6000**	**1500**	nt	<290
	04/09/09	**690**	**59**	**27 J**	**72**	848	**8 J**	<3.2	<1.4	**5.6 J**	**110**	<1.7	<2.3	<170	<740	**2200**	**7500**	<38	nt
	07/15/09	**700**	**68**	**23**	**94**	885	**1.9 J**	<0.32	<0.14	**0.42 J**	**120**	**0.25 J**	<0.23	<17	<74	**8400**	**1300**	**230**	nt
	10/07/09	**730**	**61**	**30**	**90**	911	**4**	<0.32	<0.14	<0.14	**85**	<0.17	<0.23	<17	<74	**6000**	**1100**	**980**	nt
	07/29/10	**800**	**57**	**15 J**	**78**	950	**11 J**	<8.30	<8.3	<8.3	nt	<8.3	<8.3	<33	<830	**8300**	**1300**	<250	nt
	02/09/11	**1000**	**76**	**20 J**	**110**	1206	<12	<12.0	<12	<12	**99**	<12	<12	<100	<2500	**5500**	**1700**	**500**	nt
	12/13/11	**1100**	**69**	**17**	**84**	1270	<0.25	<0.25	<0.25	<0.25	**95**	<0.25	<0.25	**6.6**	<25	**6900**	**1200**	<250	nt
	08/06/14	**850**	**61**	**14 J**	**87**	1012	<8.0	<5.00	<3.5	<11	**85**	<6.0	<4.5	<47	<1100	**6200**	**1100**	<250	nt
	03/12/15	**740**	**50**	**15J**	**63**	868	<5.3	<3.30	<2.30	<7.30	**77**	<4.0	**5.9JB**	<31	<1000	**7100**	**830**	**96J**	nt
	08/19/15	**650**	**40**	**6.7J**	**32**	729	<8.0	<5.0	<3.5	<11	**79**	<6.0	<4.5	<47	<1600	**5500**	**770**	**71J**	nt
	02/24/16	**950**	**44**	<25	**50**	1044	<25	<25	<25	<25	**97**	<25	<25	<100	<2500	**5400**	**550**	<65	nt
	08/17/16	**790**	**47**	**10 J**	**55**	892	<8.0	<5.0	<3.5	<11	**58**	<6.0	<4.5	<47	<1600	**12000**	**750**	<65	nt
	02/22/17	**600**	**39**	**8**	**50**	697	4	<2.0	<1.4	<4.4	**61**	<2.4	**2.2J**	<19	<620	**3700**	**460**	<150	nt
ES-3	11/19/91	**61**	**16**	**14**	**33**	124	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**BDL**	nt	nt
	07/08/92	**51**	**21**	**48**	**34**	154	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1300**	nt	nt
	10/06/92	**93**	**18**	BDL	**11**	122	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	**52**	**49**	**100**	**250**	451	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	**53**	BDL	**67**	**78**	198	nt	nt	nt	nt	nt	nt	nt	nt	nt	**4500**	**510**	nt	nt
	07/23/93	**28**	**6**	**5**	**5**	44	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1500**	**600**	nt	nt
	10/07/93	**2**	**1**	BDL	**2**	5	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	**13**	**2**	**7**	**5**	27	nt	nt	nt	nt	nt	nt	nt	nt	nt	**530**	nt	nt	nt
	04/07/94	**10**	**9**	26	**34**	79	nt	nt	nt	nt	nt	nt	nt	nt	nt	**850**	**910**	nt	nt
	07/13/94	**2**	**1**	**1**	**3**	7	nt	nt	nt	nt	nt	nt	nt	nt	nt	**370**	**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	**19**	**15**	**72**	**88**	194	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1600**	**1100**	nt	nt
	04/11/95	**20**	**7**	**36**	**22**	85	nt	nt	nt	nt	nt	nt	nt	nt	nt	**940**	**390**	nt	nt
	07/06/95	**6**	BDL	**7**	BDL	13	nt	nt	nt	nt	nt	nt	nt	nt	nt	**240**	**1200**	nt	nt
	10/05/95	**2**	**2**	BDL	BDL	4	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**110**	nt	nt
	01/05/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	04/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	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	51	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	120	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	170	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	205	nt	BDL
	09/24/08	230	17	23	48	318	28	<0.31	<0.14	0.28 J	110	<0.31	0.78 J	<6	<74	3000	1400	<290	nt
	04/09/09	340	91	180	372	983	83	<1.6	<0.71	<0.68	96	<0.86	<1.1	<84	<370	2600	9700	<3.2	nt
	07/15/09	230	75	190	413	908	110	<1.6	<0.71	<0.68	45 J	<0.86	<1.1	<84	<370	9400	1400	280	nt
	10/07/09	250	28	42	105	425	35	<0.32	<0.14	<0.14	100	<0.17	0.8 J	<17	<74	4700	860	84	nt
	07/29/10	120	44	200	200	564	110	<2.5	<2.5	<2.5	nt	<2.5	<2.5	<10	<250	5800	1200	<250	nt
	02/09/11	120	74	360	400	954	180	<2.5	<2.5	<2.5	180	<2.5	<2.5	<20	<500	4300	1600	<250	nt
	12/13/11	84	47	120	160	411	81	<0.25	<0.25	<0.25	18	<0.25	<0.25	5.4	<25	5200	1200	<250	nt
	08/06/14	290	36	42	55	423	31	<2.0	<1.4	<4.4	75	<2.4	<1.8	<19	<440	4000	830	<250	nt
	03/12/15	84	27	120	110	341	40	<0.50	<0.35	<1.1	21	<0.60	1.7JB	<4.7	<160	5300	630	<65	nt
	08/19/15	250	41	93	140	524	37	<1.0	<0.70	<2.2	52	<1.2	2.4J	<9.4	<310	5500	740	68J	nt
	02/23/16	41	14	43	66	164	21	<5.0	<5.0	<5.0	7.6	<5.0	<5.0	<20	<500	2900	520	82 J	nt
	08/17/16	200	67	180	200	647	40	<1.0	<0.70	<2.2	20	<1.2	<0.90	<9.4	<310	15000	1000	<65	nt
	02/22/17	1.7J	7.3J	1.4J	7	24	<0.80	<0.50	<0.35	<1.1	0.73J	<0.60	<0.45	<4.7	<160	880	190	<150	nt
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	31	6	BDL	3	39	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	10/06/92	100	8	BDL	8	116	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/07/93	30	7	8	16	60	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	04/06/93	33	2	2	5	42	nt	nt	nt	nt	nt	nt	nt	nt	nt	360	BDL	nt	nt
	07/23/93	24	1	1	8	34	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<500	nt	nt
	10/07/93	8	BDL	BDL	2	10	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	01/05/94	15	1	0.4	3	19	nt	nt	nt	nt	nt	nt	nt	nt	nt	130	BDL	nt	nt
	04/07/94	11	BDL	BDL	BDL	11	nt	nt	nt	nt	nt	nt	nt	nt	nt	170	BDL	nt	nt
	07/13/94	9	BDL	BDL	1	10	nt	nt	nt	nt	nt	nt	nt	nt	nt	130	BDL	nt	nt
	10/06/94	18	BDL	2	3	23	nt	nt	nt	nt	nt	nt	nt	nt	nt	100	BDL	nt	nt
	01/13/95	12	BDL	BDL	2	14	nt	nt	nt	nt	nt	nt	nt	nt	nt	150	BDL	nt	nt
	04/11/95	39	4	12	24	79	nt	nt	nt	nt	nt	nt	nt	nt	nt	180	BDL	nt	nt
	07/06/95	100	10	26	61	197	nt	nt	nt	nt	nt	nt	nt	nt	nt	600	160	nt	nt
	10/05/95	210	16	71	84	381	nt	nt	nt	nt	nt	nt	nt	nt	nt	1200	170	nt	nt
	01/05/96	34	BDL	5	4	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	120	BDL	nt	nt
	04/09/96	57	3	17	19	96	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt
	07/09/96	43	5	21	17	86	nt	nt	nt	nt	nt	nt	nt	nt	nt	220	BDL	nt	nt
	10/08/96	110	4	42	39	195	nt	nt	nt	nt	nt	nt	nt	nt	nt	860	BDL	nt	nt
	01/16/97	5	BDL	BDL	1	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	59	BDL	nt	nt
	04/17/97	87	11	49	24	171	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	100	nt	nt
	07/15/97	110	11	42	40	203	nt	BDL	nt	nt	nt	nt	nt	nt	nt	920	370	nt	18
	10/07/97	11	BDL	28	23	16	nt	BDL	nt	nt	nt	nt	nt	nt	nt	120	101	nt	24
	09/25/08	<0.4	<0.3	<0.3	<0.3	BDL	<0.3	<0.31	<0.14	0.7 J	7 J	<0.31	<0.24	<6	<74	69	91	nt	<29
	04/09/09	8	0.8 J	1.6 J	2.5 J	13	0.7 J	<0.30	<0.14	0.54 J	20	<0.17	<0.23	<17	<74	640	520	<34	nt
	07/15/09	8	1.7 J	4.2 J	<0.13	14	1.9 J	<0.32	<0.14	<0.14	25	<0.17	<0.23	<17	<74	800	110	45 J	nt
	10/07/09	0.2 J	<0.29	0.2 J	0.5 J	1	<0.11	<0.32	<0.14	<0.14	14	<0.17	<0.23	<17	<74	310	81	<29	nt
	07/29/10	0.81	<0.25	0.31 J	0.58	2	0.26 J	<0.25	<0.25	<0.25	nt	<0.25	<0.25	<1	<25	250	120	<250	nt
	02/09/11	1	0.58	0.49 J	0.97	3	0.56	<0.25	<0.25	<0.25	17	<0.25	<0.25	<2	<50	220	72	<250	nt
	12/13/11	11	0.89	0.73	1.1	13.72	0.76	<0.25	<0.25	2.2	28	<0.25	<0.25	3.4	<25	270	95	<250	nt
	08/06/14	<0.1	<0.080	<0.10	<0.50	BDL	0.36 J	<0.20	<0.14	<0.44	62	<0.24	<0.18	<1.9	<44	200	<50	<250	nt
	03/12/15	0.11JB	0.13J	0.056J	<0.25	0.30	<0.16	<0.10	<0.070	<0.22	21	<0.12	0.15JB	<0.94	<31	85	<24	77J	nt
	08/19/15	2	0.16J	0.14J	<0.25	2.15	<0.16	<0.10	<0.070	<0.22	27	<0.12	<0.090	<0.94	<31	410	64	79J	nt
	02/23/16	5.3	<0.50	<0.50	0.72	6.02	<0.50	<0.50	<0.50	<0.50	24	<0.50	<0.50	<2	<50	260	51	160 J	nt
	08/17/16	0.18 J	0.042 JB	<0.050	<0.25	0.22	<0.16	<0.10	<0.070	<0.22	8	<0.12	<0.090	<0.94	<31	41 J	<24	<65	nt
	02/22/17	<0.051	0.043JB	<0.050	<0.25	0.04	<0.16	<0.10	<0.070	<0.22	2	<0.12	<0.090	<0.94	<31	28J	<45	<150	nt
ES-5	11/19/91	2100	390	840	6000	9330	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	950000	nt	nt
	04/17/97	590	120	180	1000	1890	nt	BDL	nt	nt	nt	nt	nt	nt	nt	2400	1600	nt	nt
	07/16/97	810	180	430	1800	3220	nt	350	nt	nt	nt	nt	nt	nt	nt	27000	15000	nt	216000
	10/07/97	260	470	160	590	1480	nt	BDL	nt	nt	nt	nt	nt	nt	nt	15000	6510	nt	424

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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-5	09/25/08	**970**	**190**	**400**	**350**	1910	**180**	<0.31	<0.14	<0.26	**150**	<0.31	**0.57 J**	<6	<74	**12000**	**1900**	<290	nt
	04/09/09	**590**	**150**	**230**	**248**	1218	**100**	<3.2	<1.4	**5.9 J**	**30 J**	<1.7	<2.3	<170	<740	**3700**	**10000**	<33	nt
	07/15/09	**770**	**220**	**430**	**407**	1827	**180**	<1.6	<0.71	<0.68	**63**	<0.86	<1.1	<84	<370	**16000**	**1300**	**180**	nt
	10/07/09	**710**	**190**	**440**	**373**	1713	**160**	<3.2	<1.4	<1.4	**68**	<1.7	<2.3	<170	<740	**12000**	**1500**	**140**	nt
	07/29/10	**400**	**120**	**270**	**220**	1010	**160**	<5	<5	<5	nt	<5	<5	<20	<500	**11000**	**1800**	**310**	nt
	02/09/11	**650**	**180**	**400**	**330**	1560	**170**	<8.3	<8.3	<8.3	**17**	<8.3	<8.3	<67	<1700	**9700**	**2200**	<250	nt
	12/13/11	**290**	**93**	**170**	**210**	763	**130**	<0.25	<0.25	<0.25	**2.5**	<0.25	<0.25	<1.0	<25	**6600**	**1200**	<250	nt
	12/13/11	**400**	**130**	**220**	**210**	960	**99**	<3.3	<2.3	<7.3	<2.3	<4.0	<3.0	<31	<730	**9600**	**1100**	<250	nt
	03/13/15	**290**	**110**	**130**	**160**	690	**53**	<1.0	<0.70	<2.2	**4.3J**	<1.2	**6.6**	<9.4	<310	**6200**	**750**	**91J**	nt
	08/19/15	**430**	**140**	**220**	**220**	1010	**79**	<5.0	<3.5	<11	**3.8J**	<6.0	<2.5	<47	<1600	**9200**	**1100**	<65	nt
	02/24/16	**300**	**140**	**200**	**240**	880	**75**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<500	**6900**	**1100**	<65	nt
	08/17/16	**620**	**110**	**93**	**160**	983	**37**	<2.5	<1.8	<5.5	**40**	<3.0	**6.9 J**	<24	<780	**13000**	**890**	<65	nt
	02/22/17	**160**	**95**	**130**	**170**	555	**45**	<0.50	<0.35	<1.1	<0.35	<0.60	<0.45	<4.7	<160	**7100**	**730**	<150	nt
ES-6	07/23/93	<0.3	<0.3	<0.3	<0.6	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<500	nt	nt
	10/07/93	**1**	BDL	BDL	BDL	1	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	**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	**2**	2	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	**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	**120**	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**60**	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	<0.4	<0.3	<0.3	<0.3	BDL	**0.5 J**	<0.31	<0.14	**0.65 J**	**3 J**	<0.31	<0.24	<6	<74	<17	**68**	<290	nt
	04/08/09	<0.1	<0.2	<0.1	<0.1	BDL	<0.1	<0.3	<0.14	**0.55 J**	**0.93 J**	<0.17	<0.23	<17	<74	<22	<16	**170**	nt
	07/15/09	**2.1 J**	**0.86 J**	**2.1 J**	<0.13	5.060	**1.2 J**	<0.32	<0.14	**0.74 J**	**0.88 J**	<0.17	<0.23	<17	<74	**161**	**73**	**200**	nt
	10/06/09	<0.1	<0.29	<0.15	<0.13	BDL	<0.11	<0.32	<0.14	<0.14	**0.4 J**	<0.17	<0.23	<17	<74	**17 J**	**30 J**	**34 J**	nt
	07/29/10	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	nt	<0.25	<0.25	<1	<25	<50	<50	<250	nt
	02/09/11	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	**0.37 J**	<0.25	<0.25	<2	<50	<50	<50	<250	nt
	12/13/11	**4.5**	**0.54**	**0.49 J**	**0.68**	5.72	**0.52**	<0.25	<0.25	**2.9**	**0.33 J**	<0.25	<0.25	**2.1**	<25	<50	<50	<250	nt
	08/05/14	<0.051	<0.040	<0.050	<0.25	0.00	< 0.016	<0.1	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<22	<50	<50	<250	nt
	03/12/15	**0.19JB**	**0.11J**	<0.050	<0.25	0.30	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**16J**	<24	**74J**	nt
	08/19/15	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**20J**	<24	<65	nt
	02/23/16	<0.50	<0.50	<0.50	<0.50	BDL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<50	<50	<24	100 J	nt
	08/17/16	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**23 J**	**25 J**	<65	nt
	02/22/17	<0.051	**0.076J**	<0.050	<0.25	0.08	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	<11	**<45**	<150	nt
ES-7	07/23/93	<0.3	<0.3	<0.3	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<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	**110**	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	60	nt	nt
	09/24/08	<0.4	<0.3	<0.3	<0.3	BDL	<0.3	<0.31	<0.14	**0.66 J**	<0.36	<0.31	<0.24	<6	<74	<17	<2	**150**	nt
	04/08/09	<0.1	<0.2	<0.1	<0.1	BDL	<0.1	<0.3	<0.14	**0.53 J**	<0.15	<0.17	<0.23	<17	<74	<23	<16	**690**	nt
	07/15/09	**1.3 J**	**0.51 J**	**0.96 J**	<0.13	2.77	**0.52 J**	<0.32	<0.14	**0.7 J**	<0.15	<0.17	<0.23	<17	<74	**27 J**	**31 J**	**93**	nt
	10/06/09	<0.1	<0.29	<0.15	<0.13	BDL	<0.11	<0.32	<0.14	<0.14	<0.15	<0.17	<0.23	<17	<74	**24 J**	<20	**41 J**	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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-7	07/29/10	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	nt	<0.25	<0.25	<1	<25	<50	<50	<250	nt
	02/09/11	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2	<50	<50	<50	<250	nt
	12/13/11	**2.7**	**0.40 J**	**0.42 J**	**0.56**	4.08	**0.33 J**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	<25	<50	<50	<250	nt
	08/06/14	<0.051	<0.040	<0.050	<0.25	0.00	< 0.016	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<22	<50	<50	<250	nt
	03/12/15	**0.061JB**	**0.12J**	<0.050	<0.25	0.18	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**15J**	<24	<65	nt
	08/19/15	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**23J**	**30J**	**100J**	nt
	02/23/16	<0.50	<0.50	<0.50	<0.50	BDL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2	<50	<50	**25 J**	**170 J**	nt
	08/17/16	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	**1.0 J**	<31	19 J	<24	**68 J**	nt
	02/22/17	<0.051	**0.098J**	<0.050	<0.25	0.10	<0.16	<0.10	<.070	<0.22	<0.070	<0.12	<0.090	<0.94	**120**	23J	<45	**<150**	nt
ES-8	07/23/93	<0.3	<0.3	<0.3	<0.6	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<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	**15**	**1.4 J**	**2 J**	**2.7 J**	21.1	**0.3 J**	<0.3	<0.14	<0.14	**56**	<0.17	<0.23	<17	<74	**1600**	**2300**	<33	nt
	07/14/09	**6**	**0.83 J**	**0.61 J**	**<0.13**	7.4	<0.11	<0.32	<0.14	<0.14	**45**	<0.17	<0.23	<17	<74	**1800**	**540**	**230**	nt
	10/06/09	**7**	**1 J**	**1 J**	**1 J**	10	**0.2 J**	<0.32	<0.14	<0.14	**36**	<0.17	<0.23	<17	<74	**1900**	**270**	**170**	nt
	07/28/10	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	nt	<0.25	<0.25	<1	<25	**260**	**84**	<250	nt
	02/08/11	**1**	<0.25	<0.25	<0.25	1.000	<0.25	<0.25	<0.25	<0.25	**120**	<0.25	<0.25	<2	<50	**280**	**91**	<250	nt
	12/13/11	**0.36 J**	<0.25	<0.25	<0.25	0.36	<0.25	<0.25	<0.25	<0.25	**34**	<0.25	<0.25	<1.0	<25	**280**	**61**	<250	nt
	08/06/14	**3.4**	**0.33 J**	**1.3 J**	<1.2	5.03	**1.2 J**	<0.50	<0.35	<1.1	**74**	<0.60	<0.45	<4.7	<110	**730**	**71**	<250	nt
	03/12/15	**2.6**	**0.45J**	**0.35J**	**0.39J**	3.79	<0.16	<0.10	<0.070	<0.22	**30**	<0.12	0.15JB	<0.94	<31	**930**	**94**	<65	nt
	08/20/15	**1.6**	**0.22J**	<0.050	<0.25	2.12	<0.16	<0.10	<0.070	<0.22	**29**	<0.12	<0.090	<0.94	<31	**570**	**58**	<65	nt
	02/24/16	**0.93**	<0.50	<0.50	<0.50	0.93	<0.50	<0.50	<0.50	<0.50	**8**	<0.50	<0.50	<2.0	<50	**84**	<24	<65	nt
	08/18/16	**0.86**	0.13JB	<0.50	<0.25	0.99	<0.16	<0.10	<0.070	<0.22	**35**	<0.12	<0.090	0.97 J	<31	**580**	**31 J**	<65	nt
	02/23/17	<0.051	**0.044J**	<0.050	<0.25	0.04	<0.16	<0.10	<0.070	<0.22	**2**	<0.12	<0.090	<0.94	<31	**12J**	**<45**	<150	nt
ES-9	07/23/93	<0.3	<0.3	<0.3	<0.6	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<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	**1100**	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	<0.1	<0.2	<0.1	<0.1	BDL	<0.1	<0.3	<0.14	**0.55J**	**0.56J**	<0.17	<0.23	<17	<74	<23	<16	**210**	nt
	07/15/09	<0.1	<0.29	<0.15	<0.13	BDL	<0.1	<0.32	<0.14	**0.66J**	**0.52J**	<0.17	<0.23	<17	<74	<16	**28J**	**61**	nt
	10/06/09	<0.1	<0.29	<0.15	0.2J	0.2	<0.1	<0.32	<0.14	<0.14	**0.5J**	<0.17	<0.23	<17	<74	**22J**	**27J**	**52**	nt
	07/28/10	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	nt	<0.25	<0.25	<1	<25	<50	<50	<250	nt
	02/08/11	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	**0.45J**	<0.25	<0.25	<2	<50	<50	<50	<250	nt
	12/13/11	<0.25	<0.25	<0.25	<0.25	BDL	<0.25	<0.25	<0.25	<0.25	**6.0**	<0.25	<0.25	<1.0	<25	<50	<50	<250	nt
	08/06/14	<0.051	<0.040	<0.050	<0.25	0.00	< 0.016	<0.10	<0.070	<0.22	**1.3**	<0.12	<0.090	<0.94	<22	<50	<50	<250	nt
	03/12/15	<0.22	**0.13J**	<0.050	<0.25	0.13	<0.16	<0.10	<0.070	<0.22	**0.8**	<0.12	<0.090	<0.94	<31	**17J**	**25J**	**83J**	nt
	08/20/15	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	**0.27J**	<0.12	<0.090	<0.94	<31	**26J**	<24	<65	nt
	02/24/16	<0.50	<0.50	<0.50	<0.50	BDL	<0.50	<0.50	<0.50	<0.50	**0.75**	<0.50	<0.50	<2.0	<50	<50	<24	<65	nt
	08/18/16	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	**0.59**	<0.12	<0.090	<0.94	<31	**13 J**	<24	<65	nt
	02/23/17	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	**0.25**	<0.12	<0.090	<0.94	<31	**14J**	<45	<150	nt
ES-10	07/23/93	<0.3	<0.3	<0.3	<0.6	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<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

Table 3b - Cumulative Summary of Groundwater Analytical Results
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 15-1379

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	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
	12/13/11	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	08/19/15	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	02/23/16	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
	08/18/16	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	07/23/93	<0.3	**1**	<0.3	**1**	2	nt	nt	nt	nt	nt	nt	nt	nt	nt	<500	<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	**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	**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	<0.4	<0.3	<0.3	<0.3	BDL	<0.3	<0.31	<0.14	**0.67J**	<0.36	<0.31	<0.24	<6	<74	<17	**28J**	<29	nt
	04/09/09	**2.5J**	**0.9J**	**1.7J**	**3J**	8.1	**1.1J**	<0.3	<0.14	**0.52J**	**0.25J**	<0.17	<0.23	<17	<74	<25	<16	**200**	nt
	07/15/09	**2.8J**	**0.97J**	**2.1J**	<0.13	5.87	**1.4J**	<0.32	<0.14	<0.14	**0.25J**	<0.17	<0.23	<17	<74	**41J**	<20	<29	nt
	10/07/09	<0.1	<0.29	<0.15	<0.13	BDL	<0.11	<0.32	<0.14	<0.14	<0.15	<0.17	<0.23	<17	<74	<16	<20	<29	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	**0.47J**	<0.25	**0.26J**	<0.25	0.73	**0.27J**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2	<50	<50	<50	<250	nt
	12/13/11	**1.2**	<0.25	<0.25	**0.32J**	1.52	**0.28J**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.0	<25	<50	<50	<250	nt
	08/06/14	<0.051	**<0.040**	<0.050	<0.25	0.00	< 0.016	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<22	<50	<50	<250	nt
	03/13/15	**0.057JB**	**0.19J**	<0.050	<0.25	0.25	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**19J**	<24	<65	nt
	08/19/15	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**21J**	<24	<65	nt
	02/23/16	<0.50	<0.50	<0.50	<0.50	BDL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2	<50	<50	<24	150 J	nt
	08/17/16	<0.051	<0.040	<0.050	<0.25	BDL	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**15 J**	<24	<65	nt
	02/22/17	<0.051	**0.080J**	<0.050	<0.25	0.08	<0.16	<0.10	<0.070	<0.22	<0.070	<0.12	<0.090	<0.94	<31	**22J**	<45	<150	nt
RWQCB ESLs (non-drinking water resource)		**46**	**130**	**43**	**100**	ne	**24**	**180**	ne	ne	ne	**73**	**99**	**18000**	ne	**440**	**640**	**50000**	ne
RWQCB ESLs (potential vapor intrusion concerns, commercial)		**260**	**ne**	**3300**	**ne**	ne	**1600**	**130000**	ne	ne	ne	**73**	**790**	ne	ne	ne	ne	ne	ne

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

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 B = analyte detected in the asssociated Method Blank and in the sample na = not analyzed

* EDC is the abbreviation for 1,2-Dichloroethane (1,2-DCA) presented in the Analytical Report attached as Appendix A.

Notes: 1) BTEX analyzed by EPA Method 8260
2) TPH-d analyzed by EPA Method 3550/8015 Modified
3) TPH-g analyzed by EPA Method 8015M

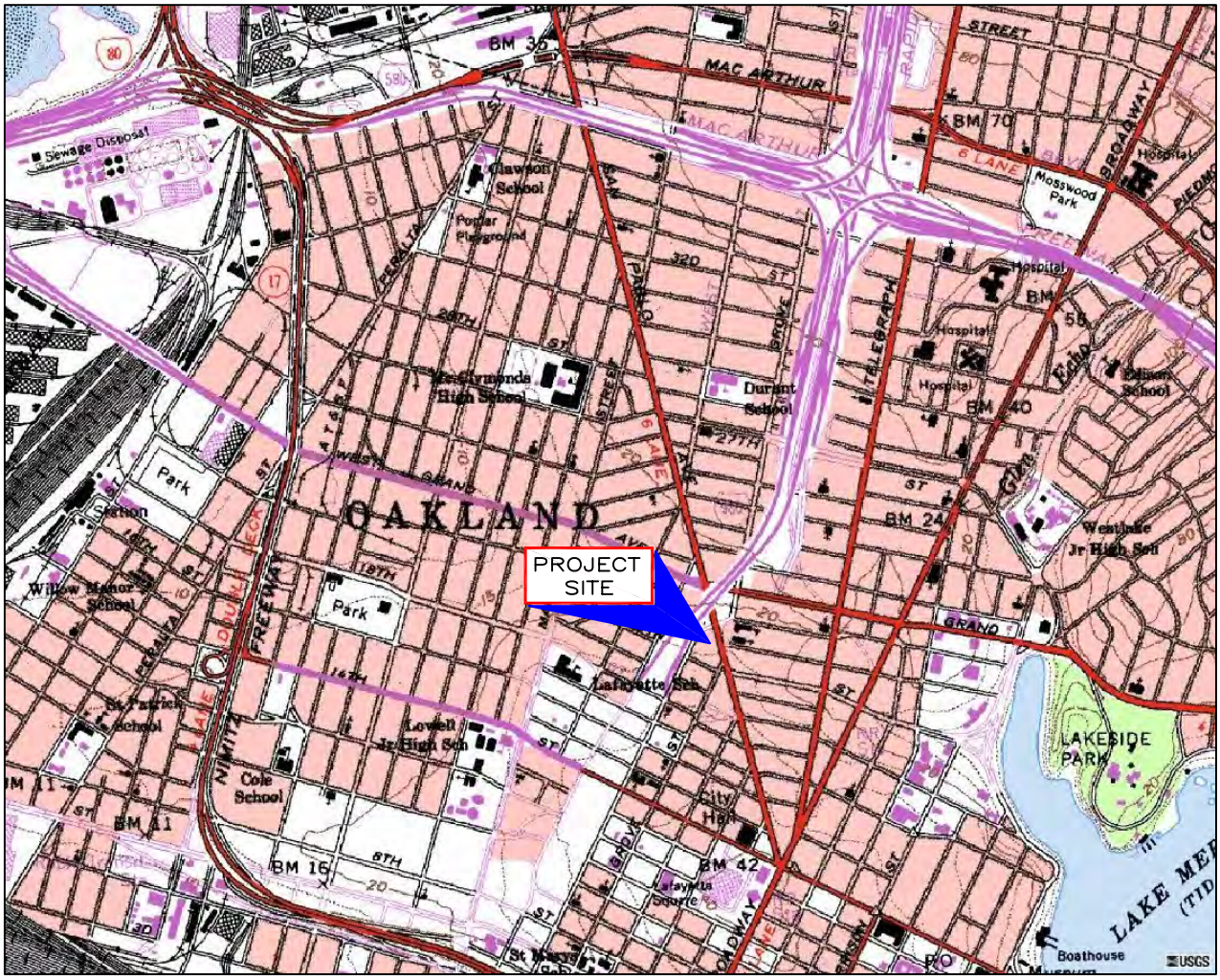
** Sample not analyzed due to broken sample bottle during shipment

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

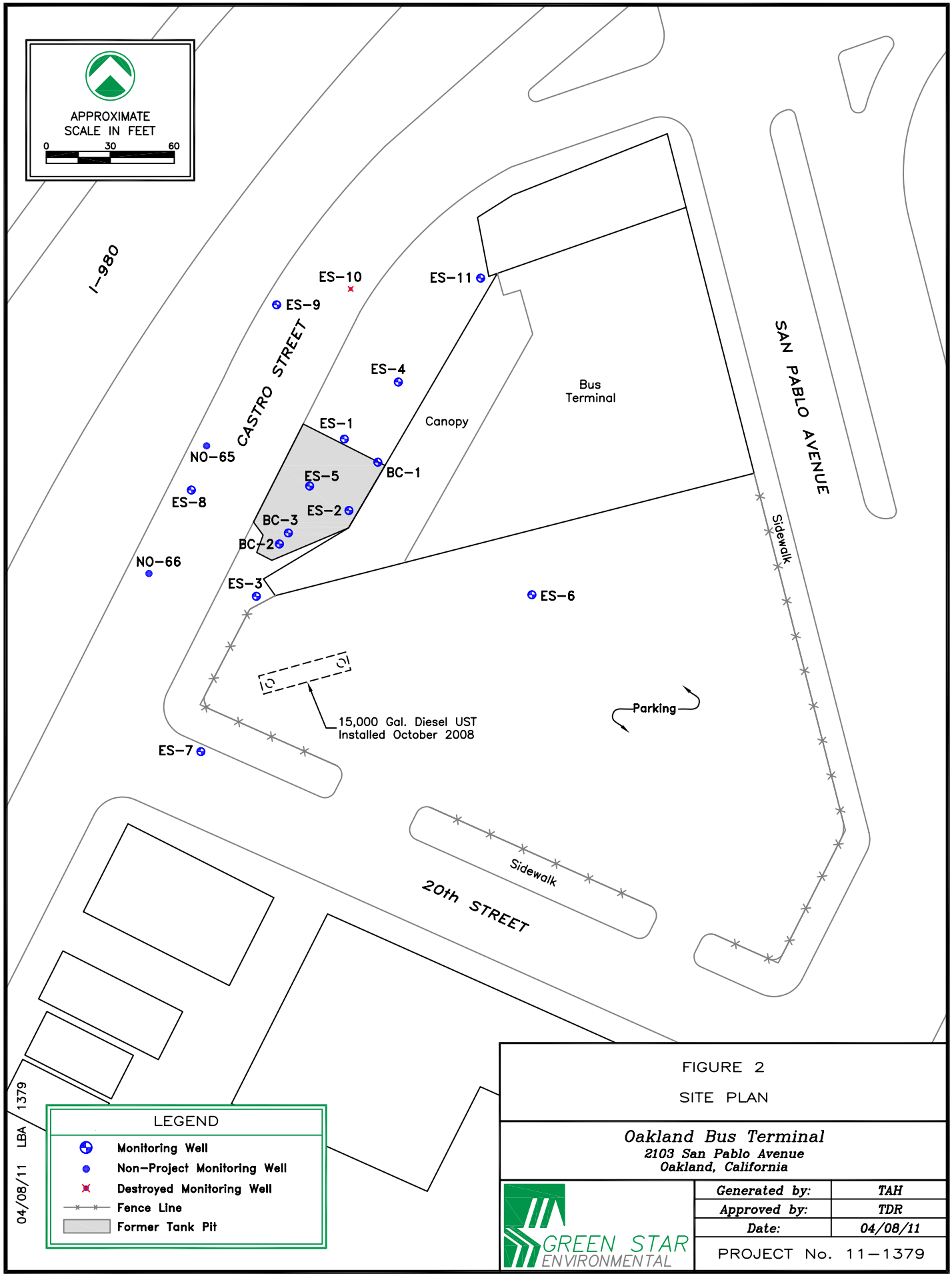
SITE LOCATION/USGS TOPOGRAPHIC MAP

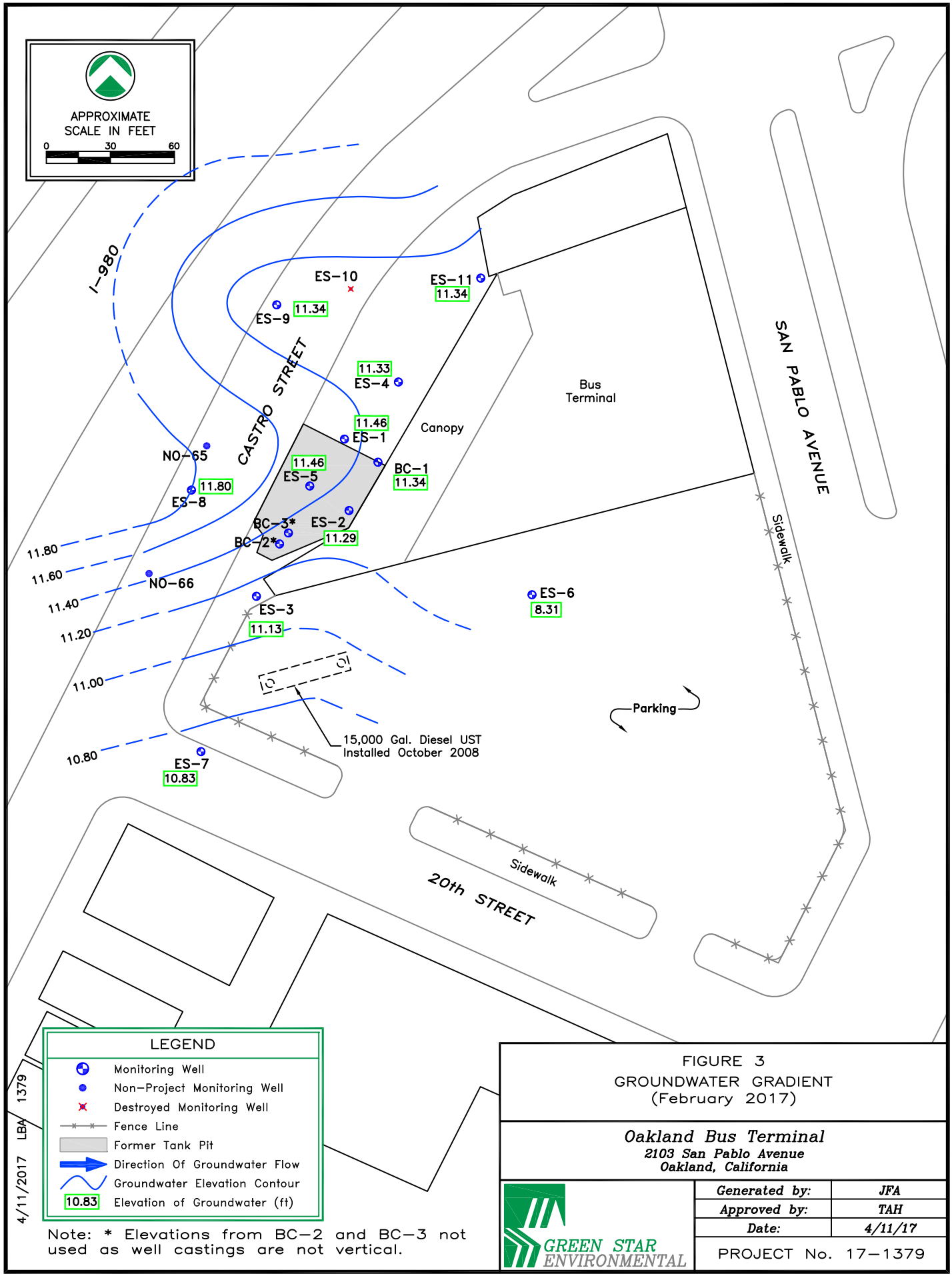
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California

Generated by:	JRS
Approved by:	TDR
Date:	05/04/09

GREEN STAR ENVIRONMENTAL

PROJECT No. 09-1379


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
CASTRO STREET
SAN PABLO AVENUE
20th STREET
Sidewalk
Sidewalk
Bus
Terminal
Canopy
Parking
ES-10
ES-11
11.34
ES-9
11.34
11.33
ES-4
11.46
ES-1
BC-1
11.34
11.46
ES-5
NO-65
11.80
ES-8
BC-3*
ES-2
BC-2*
11.29
NO-66
ES-3
11.13
ES-6
8.31
11.80
11.60
11.40
11.20
11.00
10.80
ES-7
10.83
15,000 Gal. Diesel UST
Installed October 2008
LEGEND
Monitoring Well
Non-Project Monitoring Well
Destroyed Monitoring Well
Fence Line
Former Tank Pit
Direction Of Groundwater Flow
Groundwater Elevation Contour
10.83
Elevation of Groundwater (ft)
Note: * Elevations from BC-2 and BC-3 not used as well castings are not vertical.
4/11/2017 LBA 1379
FIGURE 3
GROUNDWATER GRADIENT
(February 2017)
Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California
GREEN STAR ENVIRONMENTAL
Generated by: JFA
Approved by: TAH
Date: 4/11/17
PROJECT No. 17-1379

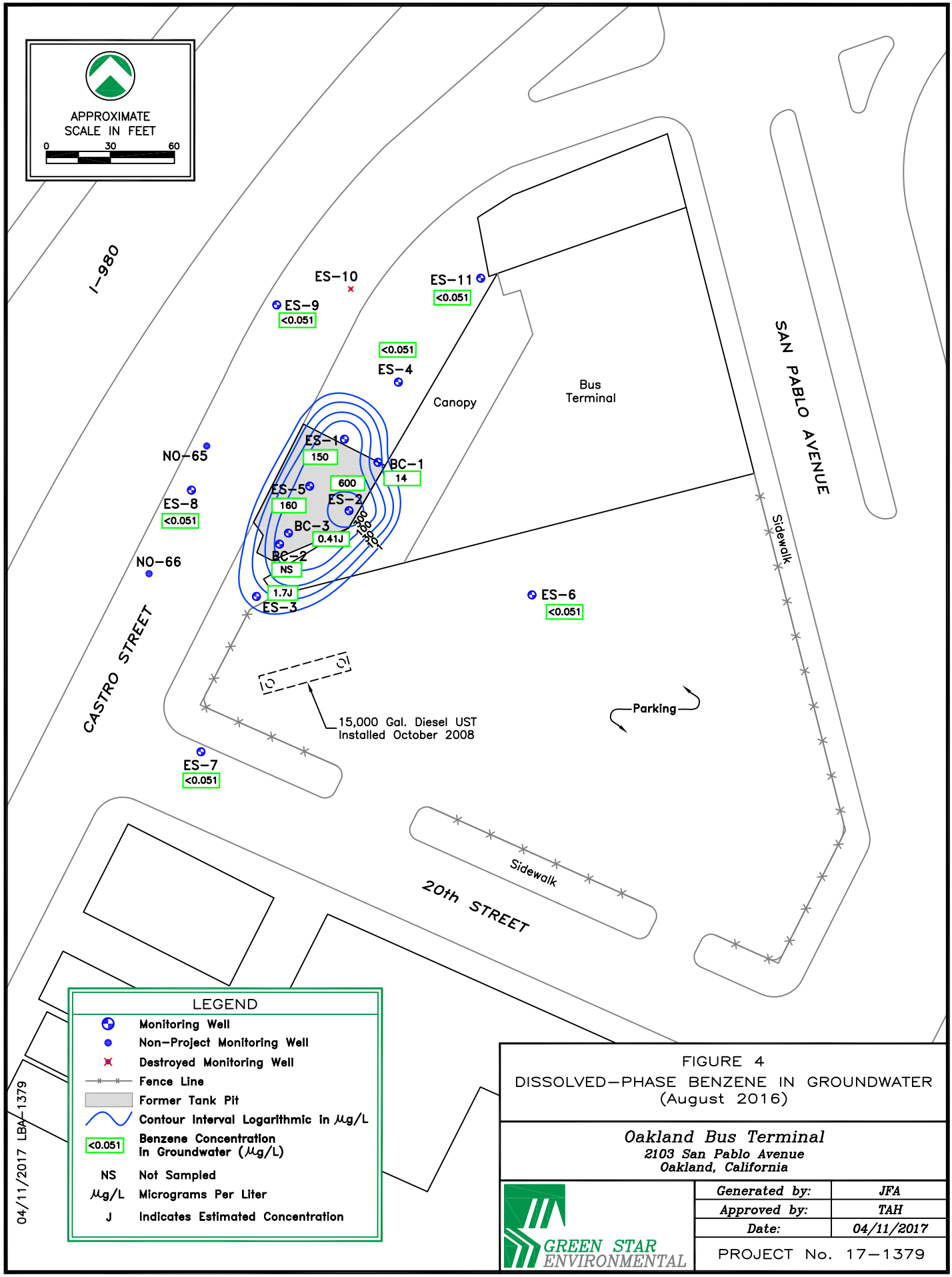


FIGURE 4

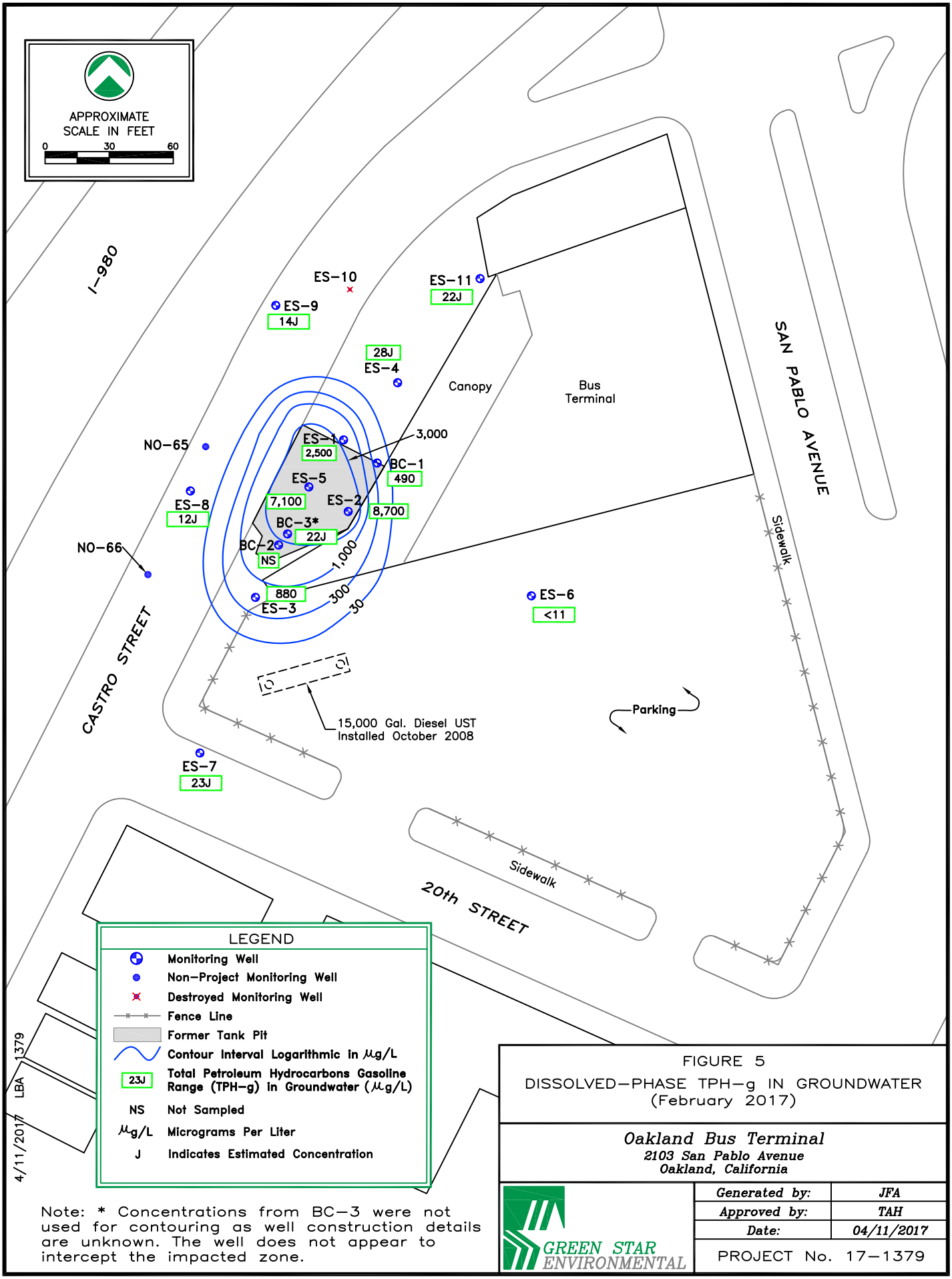
DISSOLVED-PHASE BENZENE IN GROUNDWATER
(August 2016)

Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California

GREEN STAR ENVIRONMENTAL

Generated by:	*JFA*
Approved by:	*TAH*
Date:	*04/11/2017*

PROJECT No. 17-1379



Note: * Concentrations from BC-3 were not used for contouring as well construction details are unknown. The well does not appear to intercept the impacted zone.

FIGURE 5

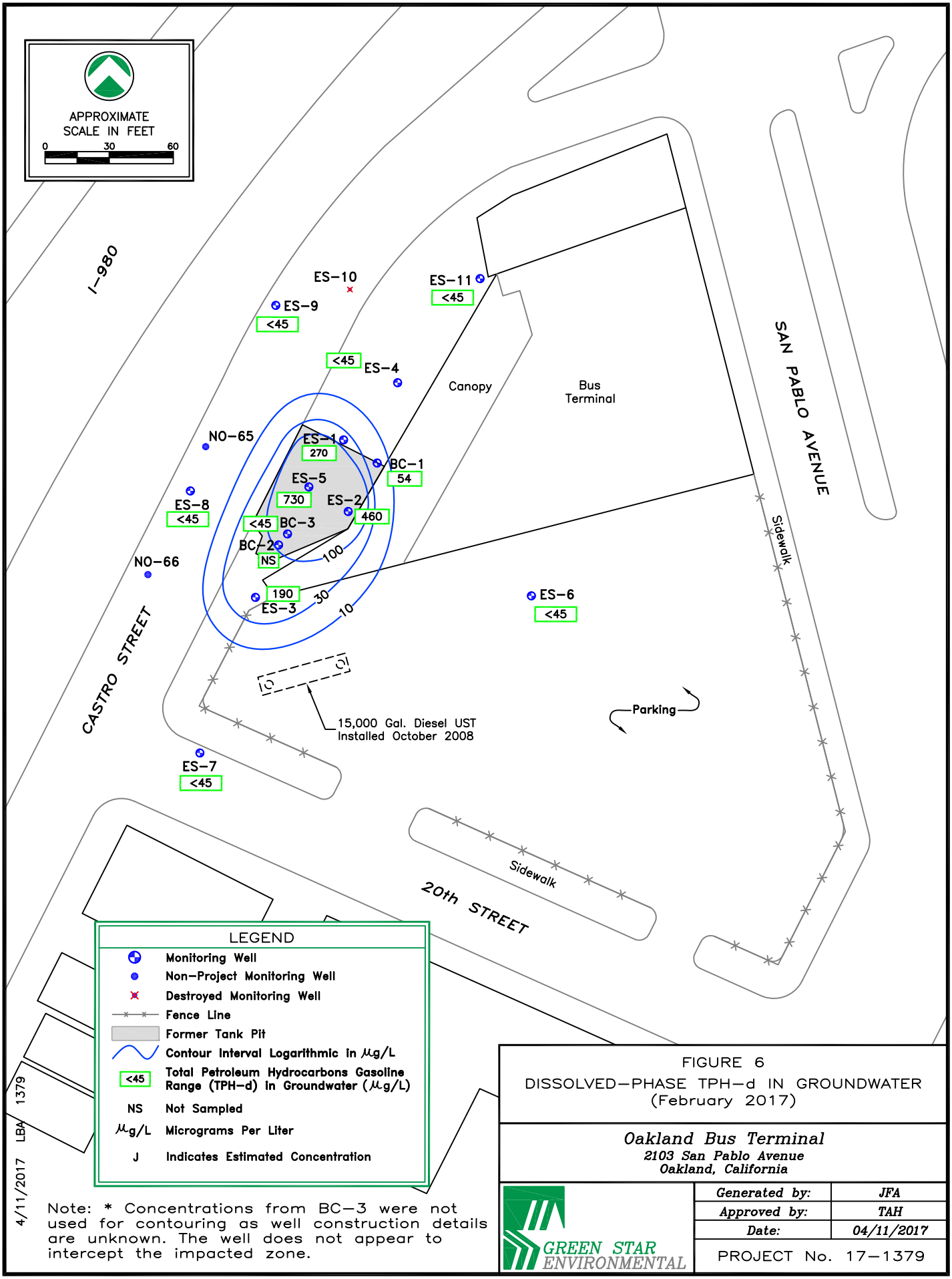
DISSOLVED-PHASE TPH-g IN GROUNDWATER
(February 2017)

Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California

GREEN STAR ENVIRONMENTAL

Generated by:	*JFA*
Approved by:	*TAH*
Date:	*04/11/2017*

PROJECT No. 17-1379



Note: * Concentrations from BC-3 were not used for contouring as well construction details are unknown. The well does not appear to intercept the impacted zone.

FIGURE 6
DISSOLVED-PHASE TPH-d IN GROUNDWATER
(February 2017)

Oakland Bus Terminal
2103 San Pablo Avenue
Oakland, California

Generated by:	*JFA*
Approved by:	*TAH*
Date:	*04/11/2017*

GREEN STAR ENVIRONMENTAL

PROJECT No. 17-1379

4/11/2017 LBA 1379

APPENDIX A

Analytical Results with Chain-of-Custody Documentation

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1702C41

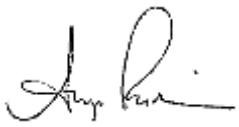
Report Created for: Green Star Environmental

354 McDonnell Street, Suite 9
Lewisville, TX 75057

Project Contact: Terrance A. Harriman
Project P.O.:
Project Name: GLI Oakland/1379

Project Received: 02/23/2017

Analytical Report reviewed & approved for release on 03/02/2017 by:



Angela Rydelius,
Laboratory Manager

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

Glossary of Terms & Qualifier Definitions

Client: Green Star Environmental
Project: GLI Oakland/1379
WorkOrder: 1702C41

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Green Star Environmental
Project: GLI Oakland/1379
WorkOrder: 1702C41

Analytical Qualifiers

B	analyte detected in the associated Method Blank and in the sample
J	result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	surrogate spike recovery outside accepted recovery limits
c4	surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
d1	weakly modified or unmodified gasoline is significant
d9	no recognizable pattern
d17	Reporting limit for MTBE raised due to co-elution with non-target peaks.
e3	aged diesel is significant
e4	gasoline range compounds are significant.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-07	**1702C41-001B**	**Water**	**02/22/2017 10:29**	**GC18**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.22	0.50	1	02/27/2017 20:42
Benzene	ND		0.051	0.50	1	02/27/2017 20:42
t-Butyl alcohol (TBA)	ND		0.94	2.0	1	02/27/2017 20:42
1,2-Dibromoethane (EDB)	ND		0.12	0.50	1	02/27/2017 20:42
1,2-Dichloroethane (1,2-DCA)	ND		0.090	0.50	1	02/27/2017 20:42
Diisopropyl ether (DIPE)	ND		0.070	0.50	1	02/27/2017 20:42
Ethanol	**120**		31	50	1	02/27/2017 20:42
Ethylbenzene	ND		0.050	0.50	1	02/27/2017 20:42
Ethyl tert-butyl ether (ETBE)	ND		0.070	0.50	1	02/27/2017 20:42
Methyl-t-butyl ether (MTBE)	ND		0.10	0.50	1	02/27/2017 20:42
Naphthalene	ND		0.16	0.50	1	02/27/2017 20:42
Toluene	**0.098**	J	0.040	0.50	1	02/27/2017 20:42
Xylenes, Total	ND		0.25	0.50	1	02/27/2017 20:42

Surrogates	REC (%)	Limits	
Dibromofluoromethane	93	70-130	02/27/2017 20:42
Toluene-d8	93	70-130	02/27/2017 20:42
4-BFB	111	70-130	02/27/2017 20:42

Analyst(s): JEM

(Cont.)

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-06	**1702C41-002B**	**Water**	**02/22/2017 11:24**	**GC18**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.22	0.50	1	02/27/2017 21:21
Benzene	ND		0.051	0.50	1	02/27/2017 21:21
t-Butyl alcohol (TBA)	ND		0.94	2.0	1	02/27/2017 21:21
1,2-Dibromoethane (EDB)	ND		0.12	0.50	1	02/27/2017 21:21
1,2-Dichloroethane (1,2-DCA)	ND		0.090	0.50	1	02/27/2017 21:21
Diisopropyl ether (DIPE)	ND		0.070	0.50	1	02/27/2017 21:21
Ethanol	ND		31	50	1	02/27/2017 21:21
Ethylbenzene	ND		0.050	0.50	1	02/27/2017 21:21
Ethyl tert-butyl ether (ETBE)	ND		0.070	0.50	1	02/27/2017 21:21
Methyl-t-butyl ether (MTBE)	ND		0.10	0.50	1	02/27/2017 21:21
Naphthalene	ND		0.16	0.50	1	02/27/2017 21:21
Toluene	**0.076**	J	0.040	0.50	1	02/27/2017 21:21
Xylenes, Total	ND		0.25	0.50	1	02/27/2017 21:21

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	70-130	02/27/2017 21:21
Toluene-d8	89	70-130	02/27/2017 21:21
4-BFB	114	70-130	02/27/2017 21:21

Analyst(s): JEM

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-11	**1702C41-003B**	**Water**	**02/22/2017 12:27**	**GC18**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.22	0.50	1	02/27/2017 22:00
Benzene	ND		0.051	0.50	1	02/27/2017 22:00
t-Butyl alcohol (TBA)	ND		0.94	2.0	1	02/27/2017 22:00
1,2-Dibromoethane (EDB)	ND		0.12	0.50	1	02/27/2017 22:00
1,2-Dichloroethane (1,2-DCA)	ND		0.090	0.50	1	02/27/2017 22:00
Diisopropyl ether (DIPE)	ND		0.070	0.50	1	02/27/2017 22:00
Ethanol	ND		31	50	1	02/27/2017 22:00
Ethylbenzene	ND		0.050	0.50	1	02/27/2017 22:00
Ethyl tert-butyl ether (ETBE)	ND		0.070	0.50	1	02/27/2017 22:00
Methyl-t-butyl ether (MTBE)	ND		0.10	0.50	1	02/27/2017 22:00
Naphthalene	ND		0.16	0.50	1	02/27/2017 22:00
Toluene	**0.080**	J	0.040	0.50	1	02/27/2017 22:00
Xylenes, Total	ND		0.25	0.50	1	02/27/2017 22:00

Surrogates	REC (%)	Limits	
Dibromofluoromethane	100	70-130	02/27/2017 22:00
Toluene-d8	92	70-130	02/27/2017 22:00
4-BFB	110	70-130	02/27/2017 22:00

Analyst(s): JEM

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-04	**1702C41-004B**	**Water**	**02/22/2017 13:35**	**GC16**	**134973**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.22	0.50	1	03/02/2017 14:41
Benzene	ND		0.051	0.50	1	03/02/2017 14:41
t-Butyl alcohol (TBA)	ND		0.94	2.0	1	03/02/2017 14:41
1,2-Dibromoethane (EDB)	ND		0.12	0.50	1	03/02/2017 14:41
1,2-Dichloroethane (1,2-DCA)	ND		0.090	0.50	1	03/02/2017 14:41
Diisopropyl ether (DIPE)	**2.3**		0.070	0.50	1	03/02/2017 14:41
Ethanol	ND		31	50	1	03/02/2017 14:41
Ethylbenzene	ND		0.050	0.50	1	03/02/2017 14:41
Ethyl tert-butyl ether (ETBE)	ND		0.070	0.50	1	03/02/2017 14:41
Methyl-t-butyl ether (MTBE)	ND		0.10	0.50	1	03/02/2017 14:41
Naphthalene	ND		0.16	0.50	1	03/02/2017 14:41
Toluene	**0.043**	JB	0.040	0.50	1	03/02/2017 14:41
Xylenes, Total	ND		0.25	0.50	1	03/02/2017 14:41

Surrogates	REC (%)	Limits	
Dibromofluoromethane	95	70-130	03/02/2017 14:41
Toluene-d8	96	70-130	03/02/2017 14:41
4-BFB	107	70-130	03/02/2017 14:41

Analyst(s): AK

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BC-03	**1702C41-005B**	**Water**	**02/22/2017 14:40**	**GC18**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		1.1	2.5	5	02/28/2017 01:14
Benzene	**0.41**	J	0.26	2.5	5	02/28/2017 01:14
t-Butyl alcohol (TBA)	ND		4.7	10	5	02/28/2017 01:14
1,2-Dibromoethane (EDB)	ND		0.60	2.5	5	02/28/2017 01:14
1,2-Dichloroethane (1,2-DCA)	ND		0.45	2.5	5	02/28/2017 01:14
Diisopropyl ether (DIPE)	ND		0.35	2.5	5	02/28/2017 01:14
Ethanol	**9200**		160	250	5	02/28/2017 01:14
Ethylbenzene	ND		0.25	2.5	5	02/28/2017 01:14
Ethyl tert-butyl ether (ETBE)	ND		0.35	2.5	5	02/28/2017 01:14
Methyl-t-butyl ether (MTBE)	ND		0.50	2.5	5	02/28/2017 01:14
Naphthalene	ND		0.80	2.5	5	02/28/2017 01:14
Toluene	**0.54**	J	0.20	2.5	5	02/28/2017 01:14
Xylenes, Total	ND		1.2	2.5	5	02/28/2017 01:14

Surrogates	REC (%)	Limits	
Dibromofluoromethane	97	70-130	02/28/2017 01:14
Toluene-d8	92	70-130	02/28/2017 01:14
4-BFB	109	70-130	02/28/2017 01:14

Analyst(s): JEM

(Cont.)

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-03	**1702C41-006B**	**Water**	**02/22/2017 15:24**	**GC18**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		1.1	2.5	5	02/28/2017 01:53
Benzene	**1.7**	J	0.26	2.5	5	02/28/2017 01:53
t-Butyl alcohol (TBA)	ND		4.7	10	5	02/28/2017 01:53
1,2-Dibromoethane (EDB)	ND		0.60	2.5	5	02/28/2017 01:53
1,2-Dichloroethane (1,2-DCA)	ND		0.45	2.5	5	02/28/2017 01:53
Diisopropyl ether (DIPE)	**0.73**	J	0.35	2.5	5	02/28/2017 01:53
Ethanol	ND		160	250	5	02/28/2017 01:53
Ethylbenzene	**1.4**	J	0.25	2.5	5	02/28/2017 01:53
Ethyl tert-butyl ether (ETBE)	ND		0.35	2.5	5	02/28/2017 01:53
Methyl-t-butyl ether (MTBE)	ND		0.50	2.5	5	02/28/2017 01:53
Naphthalene	ND		0.80	2.5	5	02/28/2017 01:53
Toluene	**2.0**	J	0.20	2.5	5	02/28/2017 01:53
Xylenes, Total	**7.3**		1.2	2.5	5	02/28/2017 01:53

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	70-130	02/28/2017 01:53
Toluene-d8	94	70-130	02/28/2017 01:53
4-BFB	95	70-130	02/28/2017 01:53

Analyst(s): JEM

(Cont.)

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-01	**1702C41-007B**	**Water**	**02/22/2017 16:12**	**GC18**	**134730**

Analytes	Result	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	1.1	2.5	5	02/28/2017 02:32
Benzene	**150**	0.26	2.5	5	02/28/2017 02:32
t-Butyl alcohol (TBA)	ND	4.7	10	5	02/28/2017 02:32
1,2-Dibromoethane (EDB)	ND	0.60	2.5	5	02/28/2017 02:32
1,2-Dichloroethane (1,2-DCA)	ND	0.45	2.5	5	02/28/2017 02:32
Diisopropyl ether (DIPE)	**64**	0.35	2.5	5	02/28/2017 02:32
Ethanol	ND	160	250	5	02/28/2017 02:32
Ethylbenzene	**10**	0.25	2.5	5	02/28/2017 02:32
Ethyl tert-butyl ether (ETBE)	ND	0.35	2.5	5	02/28/2017 02:32
Methyl-t-butyl ether (MTBE)	ND	0.50	2.5	5	02/28/2017 02:32
Naphthalene	ND	0.80	2.5	5	02/28/2017 02:32
Toluene	**13**	0.20	2.5	5	02/28/2017 02:32
Xylenes, Total	**45**	1.2	2.5	5	02/28/2017 02:32

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	70-130	02/28/2017 02:32
Toluene-d8	96	70-130	02/28/2017 02:32
4-BFB	98	70-130	02/28/2017 02:32

Analyst(s): JEM

(Cont.)

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-05	**1702C41-008B**	**Water**	**02/22/2017 17:18**	**GC18**	**134730**

Analytes	Result	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	1.1	2.5	5	02/28/2017 03:11
Benzene	**160**	0.26	2.5	5	02/28/2017 03:11
t-Butyl alcohol (TBA)	ND	4.7	10	5	02/28/2017 03:11
1,2-Dibromoethane (EDB)	ND	0.60	2.5	5	02/28/2017 03:11
1,2-Dichloroethane (1,2-DCA)	ND	0.45	2.5	5	02/28/2017 03:11
Diisopropyl ether (DIPE)	ND	0.35	2.5	5	02/28/2017 03:11
Ethanol	ND	160	250	5	02/28/2017 03:11
Ethylbenzene	**130**	0.25	2.5	5	02/28/2017 03:11
Ethyl tert-butyl ether (ETBE)	ND	0.35	2.5	5	02/28/2017 03:11
Methyl-t-butyl ether (MTBE)	ND	0.50	2.5	5	02/28/2017 03:11
Naphthalene	**45**	0.80	2.5	5	02/28/2017 03:11
Toluene	**95**	0.20	2.5	5	02/28/2017 03:11
Xylenes, Total	**170**	1.2	2.5	5	02/28/2017 03:11

Surrogates	REC (%)	Limits	
Dibromofluoromethane	105	70-130	02/28/2017 03:11
Toluene-d8	102	70-130	02/28/2017 03:11
4-BFB	100	70-130	02/28/2017 03:11

Analyst(s): JEM

(Cont.)

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BC-01	**1702C41-009B**	**Water**	**02/22/2017 18:01**	**GC16**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.44	1.0	2	03/01/2017 17:35
Benzene	**14**		0.10	1.0	2	03/01/2017 17:35
t-Butyl alcohol (TBA)	ND		1.9	4.0	2	03/01/2017 17:35
1,2-Dibromoethane (EDB)	ND		0.24	1.0	2	03/01/2017 17:35
1,2-Dichloroethane (1,2-DCA)	ND		0.18	1.0	2	03/01/2017 17:35
Diisopropyl ether (DIPE)	**48**		0.14	1.0	2	03/01/2017 17:35
Ethanol	ND		62	100	2	03/01/2017 17:35
Ethylbenzene	**0.88**	J	0.10	1.0	2	03/01/2017 17:35
Ethyl tert-butyl ether (ETBE)	ND		0.14	1.0	2	03/01/2017 17:35
Methyl-t-butyl ether (MTBE)	ND		0.20	1.0	2	03/01/2017 17:35
Naphthalene	**1.1**		0.32	1.0	2	03/01/2017 17:35
Toluene	**1.4**		0.080	1.0	2	03/01/2017 17:35
Xylenes, Total	**2.1**		0.50	1.0	2	03/01/2017 17:35

Surrogates	REC (%)	Limits	
Dibromofluoromethane	100	70-130	03/01/2017 17:35
Toluene-d8	92	70-130	03/01/2017 17:35
4-BFB	100	70-130	03/01/2017 17:35

Analyst(s): KF

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-02	**1702C41-010B**	**Water**	**02/22/2017 18:45**	**GC16**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		4.4	10	20	03/02/2017 01:34
Benzene	**600**		1.0	10	20	03/02/2017 01:34
t-Butyl alcohol (TBA)	ND		19	40	20	03/02/2017 01:34
1,2-Dibromoethane (EDB)	ND		2.4	10	20	03/02/2017 01:34
1,2-Dichloroethane (1,2-DCA)	**2.2**	J	1.8	10	20	03/02/2017 01:34
Diisopropyl ether (DIPE)	**61**		1.4	10	20	03/02/2017 01:34
Ethanol	ND		620	1000	20	03/02/2017 01:34
Ethylbenzene	**7.6**	J	1.0	10	20	03/02/2017 01:34
Ethyl tert-butyl ether (ETBE)	ND		1.4	10	20	03/02/2017 01:34
Methyl-t-butyl ether (MTBE)	ND		2.0	10	20	03/02/2017 01:34
Naphthalene	**4.4**	J	3.2	10	20	03/02/2017 01:34
Toluene	**39**		0.80	10	20	03/02/2017 01:34
Xylenes, Total	**50**		5.0	10	20	03/02/2017 01:34

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	70-130	03/02/2017 01:34
Toluene-d8	94	70-130	03/02/2017 01:34
4-BFB	106	70-130	03/02/2017 01:34

Analyst(s): KF

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-08	**1702C41-011B**	**Water**	**02/23/2017 11:28**	**GC18**	**134730**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.22	0.50	1	02/27/2017 23:56
Benzene	ND		0.051	0.50	1	02/27/2017 23:56
t-Butyl alcohol (TBA)	ND		0.94	2.0	1	02/27/2017 23:56
1,2-Dibromoethane (EDB)	ND		0.12	0.50	1	02/27/2017 23:56
1,2-Dichloroethane (1,2-DCA)	ND		0.090	0.50	1	02/27/2017 23:56
Diisopropyl ether (DIPE)	**2.1**		0.070	0.50	1	02/27/2017 23:56
Ethanol	ND		31	50	1	02/27/2017 23:56
Ethylbenzene	ND		0.050	0.50	1	02/27/2017 23:56
Ethyl tert-butyl ether (ETBE)	ND		0.070	0.50	1	02/27/2017 23:56
Methyl-t-butyl ether (MTBE)	ND		0.10	0.50	1	02/27/2017 23:56
Naphthalene	ND		0.16	0.50	1	02/27/2017 23:56
Toluene	**0.044**	J	0.040	0.50	1	02/27/2017 23:56
Xylenes, Total	ND		0.25	0.50	1	02/27/2017 23:56

Surrogates	REC (%)	Limits	
Dibromofluoromethane	95	70-130	02/27/2017 23:56
Toluene-d8	82	70-130	02/27/2017 23:56
4-BFB	109	70-130	02/27/2017 23:56

Analyst(s): JEM

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8260B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-09	**1702C41-012B**	**Water**	**02/23/2017 12:04**	**GC18**	**134871**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND		0.22	0.50	1	03/01/2017 03:04
Benzene	ND		0.051	0.50	1	03/01/2017 03:04
t-Butyl alcohol (TBA)	ND		0.94	2.0	1	03/01/2017 03:04
1,2-Dibromoethane (EDB)	ND		0.12	0.50	1	03/01/2017 03:04
1,2-Dichloroethane (1,2-DCA)	ND		0.090	0.50	1	03/01/2017 03:04
Diisopropyl ether (DIPE)	**0.25**	J	0.070	0.50	1	03/01/2017 03:04
Ethanol	ND		31	50	1	03/01/2017 03:04
Ethylbenzene	ND		0.050	0.50	1	03/01/2017 03:04
Ethyl tert-butyl ether (ETBE)	ND		0.070	0.50	1	03/01/2017 03:04
Methyl-t-butyl ether (MTBE)	ND		0.10	0.50	1	03/01/2017 03:04
Naphthalene	ND		0.16	0.50	1	03/01/2017 03:04
Toluene	ND		0.040	0.50	1	03/01/2017 03:04
Xylenes, Total	ND		0.25	0.50	1	03/01/2017 03:04

Surrogates	REC (%)	Limits	
Dibromofluoromethane	97	70-130	03/01/2017 03:04
Toluene-d8	100	70-130	03/01/2017 03:04
4-BFB	100	70-130	03/01/2017 03:04

Analyst(s): HK

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	GLI Oakland/1379	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-07	**1702C41-001A**	**Water**	**02/22/2017 10:29**	**GC3**	**134732**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**23**	J	11	50	1	02/27/2017 05:58
MTBE	---		0.36	5.0	1	02/27/2017 05:58
Benzene	---		0.070	0.50	1	02/27/2017 05:58
Toluene	---		0.14	0.50	1	02/27/2017 05:58
Ethylbenzene	---		0.070	0.50	1	02/27/2017 05:58
Xylenes	---		0.14	1.5	1	02/27/2017 05:58

Surrogates	REC (%)	Limits	
aaa-TFT	102	89-115	02/27/2017 05:58

Analyst(s): TD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-06	**1702C41-002A**	**Water**	**02/22/2017 11:24**	**GC7**	**134732**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	11	50	1	02/27/2017 15:17
MTBE	---	0.36	5.0	1	02/27/2017 15:17
Benzene	---	0.070	0.50	1	02/27/2017 15:17
Toluene	---	0.14	0.50	1	02/27/2017 15:17
Ethylbenzene	---	0.070	0.50	1	02/27/2017 15:17
Xylenes	---	0.14	1.5	1	02/27/2017 15:17

Surrogates	REC (%)	Limits	
aaa-TFT	100	89-115	02/27/2017 15:17

Analyst(s): IA

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	GLI Oakland/1379	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-11	1702C41-003A	Water	02/22/2017 12:27	GC3	134732

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**22**	J	11	50	1	02/27/2017 06:59
MTBE	---		0.36	5.0	1	02/27/2017 06:59
Benzene	---		0.070	0.50	1	02/27/2017 06:59
Toluene	---		0.14	0.50	1	02/27/2017 06:59
Ethylbenzene	---		0.070	0.50	1	02/27/2017 06:59
Xylenes	---		0.14	1.5	1	02/27/2017 06:59

Surrogates	REC (%)	Limits	
aaa-TFT	102	89-115	02/27/2017 06:59

Analyst(s): TD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-04	1702C41-004A	Water	02/22/2017 13:35	GC3	134733

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**28**	J	11	50	1	03/02/2017 12:18
MTBE	---		0.36	5.0	1	03/02/2017 12:18
Benzene	---		0.070	0.50	1	03/02/2017 12:18
Toluene	---		0.14	0.50	1	03/02/2017 12:18
Ethylbenzene	---		0.070	0.50	1	03/02/2017 12:18
Xylenes	---		0.14	1.5	1	03/02/2017 12:18

Surrogates	REC (%)	Limits	
aaa-TFT	100	89-115	03/02/2017 12:18

Analyst(s): IA

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	GLI Oakland/1379	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BC-03	**1702C41-005A**	**Water**	**02/22/2017 14:40**	**GC3**	**134874**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**22**	J	11	50	1	03/02/2017 11:24
MTBE	---		0.36	5.0	1	03/02/2017 11:24
Benzene	---		0.070	0.50	1	03/02/2017 11:24
Toluene	---		0.14	0.50	1	03/02/2017 11:24
Ethylbenzene	---		0.070	0.50	1	03/02/2017 11:24
Xylenes	---		0.14	1.5	1	03/02/2017 11:24

Surrogates	REC (%)	Limits	
aaa-TFT	103	89-115	03/02/2017 11:24

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-03	**1702C41-006A**	**Water**	**02/22/2017 15:24**	**GC3**	**134874**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**880**	37	170	3.3	03/02/2017 06:57
MTBE	---	1.2	17	3.3	03/02/2017 06:57
Benzene	---	0.23	1.7	3.3	03/02/2017 06:57
Toluene	---	0.47	1.7	3.3	03/02/2017 06:57
Ethylbenzene	---	0.23	1.7	3.3	03/02/2017 06:57
Xylenes	---	0.47	5.0	3.3	03/02/2017 06:57

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	136	S	89-115	03/02/2017 06:57

Analyst(s): IA Analytical Comments: d1,d9,c4

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	GLI Oakland/1379	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-01	1702C41-007A	Water	02/22/2017 16:12	GC3	134733

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**2500**	110	500	10	03/01/2017 10:48
MTBE	---	3.6	50	10	03/01/2017 10:48
Benzene	---	0.70	5.0	10	03/01/2017 10:48
Toluene	---	1.4	5.0	10	03/01/2017 10:48
Ethylbenzene	---	0.70	5.0	10	03/01/2017 10:48
Xylenes	---	1.4	15	10	03/01/2017 10:48

Surrogates	REC (%)	Limits	
aaa-TFT	114	89-115	03/01/2017 10:48

Analyst(s): IA Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-05	1702C41-008A	Water	02/22/2017 17:18	GC3	134733

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**7100**	110	500	10	03/01/2017 11:19
MTBE	---	3.6	50	10	03/01/2017 11:19
Benzene	---	0.70	5.0	10	03/01/2017 11:19
Toluene	---	1.4	5.0	10	03/01/2017 11:19
Ethylbenzene	---	0.70	5.0	10	03/01/2017 11:19
Xylenes	---	1.4	15	10	03/01/2017 11:19

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	122	S	89-115	03/01/2017 11:19

Analyst(s): IA Analytical Comments: d1,c4

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	GLI Oakland/1379	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BC-01	**1702C41-009A**	**Water**	**02/22/2017 18:01**	**GC3**	**134733**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**490**	22	100	2	03/01/2017 11:50
MTBE	---	0.72	10	2	03/01/2017 11:50
Benzene	---	0.14	1.0	2	03/01/2017 11:50
Toluene	---	0.28	1.0	2	03/01/2017 11:50
Ethylbenzene	---	0.14	1.0	2	03/01/2017 11:50
Xylenes	---	0.28	3.0	2	03/01/2017 11:50

Surrogates	REC (%)	Limits	
aaa-TFT	113	89-115	03/01/2017 11:50

Analyst(s): IA Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-02	**1702C41-010A**	**Water**	**02/22/2017 18:45**	**GC3**	**134948**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**3700**	55	250	5	03/02/2017 07:57
MTBE	---	1.8	70	5	03/02/2017 07:57
Benzene	---	0.35	2.5	5	03/02/2017 07:57
Toluene	---	0.70	2.5	5	03/02/2017 07:57
Ethylbenzene	---	0.35	2.5	5	03/02/2017 07:57
Xylenes	---	0.70	7.5	5	03/02/2017 07:57

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	126	S	89-115	03/02/2017 07:57

Analyst(s): IA Analytical Comments: d1,d17,c4

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW5030B
Date Prepared:	2/27/17-3/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	GLI Oakland/1379	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-08	1702C41-011A	Water	02/23/2017 11:28	GC12	134948

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**12**	J	11	50	1	03/01/2017 14:31
MTBE	---		0.36	5.0	1	03/01/2017 14:31
Benzene	---		0.070	0.50	1	03/01/2017 14:31
Toluene	---		0.14	0.50	1	03/01/2017 14:31
Ethylbenzene	---		0.070	0.50	1	03/01/2017 14:31
Xylenes	---		0.14	1.5	1	03/01/2017 14:31

Surrogates	REC (%)	Limits	
aaa-TFT	98	89-115	03/01/2017 14:31

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-09	1702C41-012A	Water	02/23/2017 12:04	GC12	134948

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**14**	J	11	50	1	03/01/2017 15:03
MTBE	---		0.36	5.0	1	03/01/2017 15:03
Benzene	---		0.070	0.50	1	03/01/2017 15:03
Toluene	---		0.14	0.50	1	03/01/2017 15:03
Ethylbenzene	---		0.070	0.50	1	03/01/2017 15:03
Xylenes	---		0.14	1.5	1	03/01/2017 15:03

Surrogates	REC (%)	Limits	
aaa-TFT	97	89-115	03/01/2017 15:03

Analyst(s): IA

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW3510C/3630C
Date Prepared:	2/24/17	**Analytical Method:**	SW8015B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-07	1702C41-001A	Water	02/22/2017 10:29	GC9a	134604

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 17:07
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 17:07

Surrogates	REC (%)	Limits	
C9	95	70-130	02/26/2017 17:07

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-06	1702C41-002A	Water	02/22/2017 11:24	GC9a	134604

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 18:24
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 18:24

Surrogates	REC (%)	Limits	
C9	96	70-130	02/26/2017 18:24

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-11	1702C41-003A	Water	02/22/2017 12:27	GC9a	134604

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 19:42
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 19:42

Surrogates	REC (%)	Limits	
C9	101	70-130	02/26/2017 19:42

Analyst(s): TK

(Cont.)

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW3510C/3630C
Date Prepared:	2/24/17	**Analytical Method:**	SW8015B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-04	**1702C41-004A**	**Water**	**02/22/2017 13:35**	**GC9a**	**134604**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 21:00
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 21:00

Surrogates	REC (%)	Limits	
C9	95	70-130	02/26/2017 21:00

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BC-03	**1702C41-005A**	**Water**	**02/22/2017 14:40**	**GC9a**	**134645**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 22:17
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 22:17

Surrogates	REC (%)	Limits	
C9	97	70-130	02/26/2017 22:17

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-03	**1702C41-006A**	**Water**	**02/22/2017 15:24**	**GC9a**	**134645**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**190**	45	50	1	02/26/2017 23:35
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 23:35

Surrogates	REC (%)	Limits	
C9	99	70-130	02/26/2017 23:35

Analyst(s): TK Analytical Comments: e4

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW3510C/3630C
Date Prepared:	2/24/17	**Analytical Method:**	SW8015B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-01	**1702C41-007A**	**Water**	**02/22/2017 16:12**	**GC9b**	**134645**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**270**	45	50	1	02/26/2017 15:49
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 15:49

Surrogates	REC (%)	Limits	
C9	99	70-130	02/26/2017 15:49

Analyst(s): TK Analytical Comments: e4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-05	**1702C41-008A**	**Water**	**02/22/2017 17:18**	**GC9b**	**134645**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**730**	45	50	1	02/26/2017 17:07
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 17:07

Surrogates	REC (%)	Limits	
C9	99	70-130	02/26/2017 17:07

Analyst(s): TK Analytical Comments: e4,e3

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BC-01	**1702C41-009A**	**Water**	**02/22/2017 18:01**	**GC9b**	**134645**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**54**	45	50	1	02/26/2017 18:24
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 18:24

Surrogates	REC (%)	Limits	
C9	97	70-130	02/26/2017 18:24

Analyst(s): TK Analytical Comments: e4

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Analytical Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Received:	2/23/17 15:02	**Extraction Method:**	SW3510C/3630C
Date Prepared:	2/24/17	**Analytical Method:**	SW8015B
Project:	GLI Oakland/1379	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-02	1702C41-010A	Water	02/22/2017 18:45	GC9b	134645

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**460**	45	50	1	02/26/2017 19:42
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 19:42

Surrogates	REC (%)	Limits	
C9	98	70-130	02/26/2017 19:42

Analyst(s): TK Analytical Comments: e4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-08	1702C41-011A	Water	02/23/2017 11:28	GC9b	134645

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 21:00
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 21:00

Surrogates	REC (%)	Limits	
C9	96	70-130	02/26/2017 21:00

Analyst(s): TK

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ES-09	1702C41-012A	Water	02/23/2017 12:04	GC9b	134645

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	45	50	1	02/26/2017 22:17
TPH-Motor Oil (C18-C36)	ND	150	250	1	02/26/2017 22:17

Surrogates	REC (%)	Limits	
C9	96	70-130	02/26/2017 22:17

Analyst(s): TK

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/27/17	**BatchID:**	134730
Date Analyzed:	2/27/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS/LCSD-134730

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
tert-Amyl methyl ether (TAME)	ND	0.22	0.50	-	-	-
Benzene	ND	0.051	0.50	-	-	-
t-Butyl alcohol (TBA)	ND	0.94	2.0	-	-	-
1,2-Dibromoethane (EDB)	ND	0.12	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.090	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.070	0.50	-	-	-
Ethylbenzene	ND	0.050	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.070	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.10	0.50	-	-	-
Methylene chloride	ND	0.052	0.50	-	-	-
Naphthalene	ND	0.16	0.50	-	-	-
Toluene	0.1081,J	0.040	0.50	-	-	-
Xylenes, Total	ND	0.25	0.50	-	-	-
Surrogate Recovery						
Dibromofluoromethane	24.37			25	97	70-130
Toluene-d8	23.51			25	94	70-130
4-BFB	2.612			2.5	104	70-130

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/27/17	**BatchID:**	134730
Date Analyzed:	2/27/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS/LCSD-134730

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	11.3	10.6	10	113	106	54-140	7.13	20
Benzene	11.3	11.1	10	113	111	47-158	1.69	20
t-Butyl alcohol (TBA)	32.5	28.1	40	81	70	42-140	14.3	20
1,2-Dibromoethane (EDB)	10.0	9.53	10	100	95	44-155	4.74	20
1,2-Dichloroethane (1,2-DCA)	10.6	10.2	10	106	102	66-125	3.89	20
Diisopropyl ether (DIPE)	11.3	11.0	10	113	109	57-136	2.84	20
Ethylbenzene	11.6	11.3	10	116	113	60-152	2.71	20
Ethyl tert-butyl ether (ETBE)	10.8	10.5	10	108	105	55-137	3.09	20
Methyl-t-butyl ether (MTBE)	10.0	9.65	10	100	97	53-139	3.68	20
Naphthalene	11.7	11.6	10	117	116	66-127	0.155	20
Toluene	11.4	11.1	10	114	111	52-137	2.10	20
Xylenes, Total	34.0	33.3	30	113	111	70-130	1.85	20
Surrogate Recovery								
Dibromofluoromethane	24.3	24.4	25	97	97	70-130	0	20
Toluene-d8	23.9	23.8	25	96	95	70-130	0.256	20
4-BFB	2.65	2.72	2.5	106	109	70-130	2.61	20

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/28/17	**BatchID:**	134871
Date Analyzed:	2/28/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134871 1702D43-010AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
tert-Amyl methyl ether (TAME)	ND	0.22	0.50	-	-	-
Benzene	ND	0.051	0.50	-	-	-
t-Butyl alcohol (TBA)	ND	0.94	2.0	-	-	-
1,2-Dibromoethane (EDB)	ND	0.12	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.090	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.070	0.50	-	-	-
Ethylbenzene	ND	0.050	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.070	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.10	0.50	-	-	-
Methylene chloride	ND	0.052	0.50	-	-	-
Naphthalene	ND	0.16	0.50	-	-	-
Toluene	0.08656,J	0.040	0.50	-	-	-
Xylenes, Total	ND	0.25	0.50	-	-	-
Surrogate Recovery						
Dibromofluoromethane	26.14			25	105	70-130
Toluene-d8	24.79			25	99	70-130
4-BFB	2.584			2.5	103	70-130

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/28/17	**BatchID:**	134871
Date Analyzed:	2/28/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134871 1702D43-010AMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	9.87	-	10	99	-	54-140	-	-
Benzene	9.82	-	10	98	-	47-158	-	-
t-Butyl alcohol (TBA)	32.6	-	40	81	-	42-140	-	-
1,2-Dibromoethane (EDB)	9.09	-	10	91	-	44-155	-	-
1,2-Dichloroethane (1,2-DCA)	9.05	-	10	91	-	66-125	-	-
Diisopropyl ether (DIPE)	10.4	-	10	104	-	57-136	-	-
Ethylbenzene	10.9	-	10	109	-	60-152	-	-
Ethyl tert-butyl ether (ETBE)	10.3	-	10	103	-	55-137	-	-
Methyl-t-butyl ether (MTBE)	9.66	-	10	97	-	53-139	-	-
Naphthalene	11.8	-	10	117	-	66-127	-	-
Toluene	10.0	-	10	101	-	52-137	-	-
Xylenes, Total	30.4	-	30	101	-	70-130	-	-
Surrogate Recovery								
Dibromofluoromethane	25.6	-	25	102	-	70-130	-	-
Toluene-d8	23.6	-	25	94	-	70-130	-	-
4-BFB	2.59	-	2.5	104	-	70-130	-	-

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	10.2	10.8	10	ND	102	108	69-139	5.43	20
Benzene	10.3	10.5	10	ND	101	104	69-141	2.36	20
t-Butyl alcohol (TBA)	30.6	29.5	40	ND	76	74	41-152	3.49	20
1,2-Dibromoethane (EDB)	10.0	10.1	10	ND	100	101	76-135	1.14	20
1,2-Dichloroethane (1,2-DCA)	9.56	9.65	10	ND	96	97	73-139	1.01	20
Diisopropyl ether (DIPE)	9.33	9.52	10	ND	93	95	72-140	2.09	20
Ethylbenzene	11.3	11.5	10	ND	113	115	73-128	1.89	20
Ethyl tert-butyl ether (ETBE)	9.80	9.99	10	ND	98	100	71-140	1.92	20
Methyl-t-butyl ether (MTBE)	9.47	9.54	10	ND	95	95	73-139	0	20
Naphthalene	12.0	11.2	10	ND	120	112	54-148	7.12	20
Toluene	11.0	11.4	10	0.66	104	108	71-128	3.64	20
Xylenes, Total	33.2	33.2	30	ND	111	111	70-130	0	20
Surrogate Recovery									
Dibromofluoromethane	23.9	23.9	25		96	95	73-131	0.348	20
Toluene-d8	25.0	25.3	25		100	101	72-117	1.50	20
4-BFB	2.62	2.51	2.5		105	100	74-116	4.33	20

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	3/2/17	**BatchID:**	134973
Date Analyzed:	3/2/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134973 1702D77-009BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
tert-Amyl methyl ether (TAME)	ND	0.22	0.50	-	-	-
Benzene	ND	0.051	0.50	-	-	-
t-Butyl alcohol (TBA)	ND	0.94	2.0	-	-	-
1,2-Dibromoethane (EDB)	ND	0.12	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.090	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.070	0.50	-	-	-
Ethylbenzene	ND	0.050	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.070	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.10	0.50	-	-	-
Methylene chloride	ND	0.052	0.50	-	-	-
Naphthalene	ND	0.16	0.50	-	-	-
Toluene	0.5269	0.040	0.50	-	-	-
Xylenes, Total	ND	0.25	0.50	-	-	-
Surrogate Recovery						
Dibromofluoromethane	24.64			25	99	70-130
Toluene-d8	23.69			25	95	70-130
4-BFB	2.426			2.5	97	70-130

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	3/2/17	**BatchID:**	134973
Date Analyzed:	3/2/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134973 1702D77-009BMS/MSD

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	10.6	-	10	106	-	54-140	-	-
Benzene	11.0	-	10	109	-	47-158	-	-
t-Butyl alcohol (TBA)	41.2	-	40	103	-	42-140	-	-
1,2-Dibromoethane (EDB)	10.9	-	10	109	-	44-155	-	-
1,2-Dichloroethane (1,2-DCA)	10.3	-	10	103	-	66-125	-	-
Diisopropyl ether (DIPE)	11.0	-	10	110	-	57-136	-	-
Ethylbenzene	10.8	-	10	108	-	60-152	-	-
Ethyl tert-butyl ether (ETBE)	10.9	-	10	109	-	55-137	-	-
Methyl-t-butyl ether (MTBE)	10.8	-	10	108	-	53-139	-	-
Naphthalene	10.6	-	10	106	-	66-127	-	-
Toluene	10.8	-	10	108	-	52-137	-	-
Xylenes, Total	32.8	-	30	109	-	70-130	-	-
Surrogate Recovery								
Dibromofluoromethane	24.8	-	25	99	-	70-130	-	-
Toluene-d8	23.8	-	25	95	-	70-130	-	-
4-BFB	2.42	-	2.5	97	-	70-130	-	-

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	9.76	10.4	10	ND	98	104	69-139	6.61	20
Benzene	10.1	10.5	10	ND	101	105	69-141	3.28	20
t-Butyl alcohol (TBA)	38.6	41.8	40	ND	97	105	41-152	7.91	20
1,2-Dibromoethane (EDB)	10.2	11.0	10	ND	102	110	76-135	6.96	20
1,2-Dichloroethane (1,2-DCA)	9.70	10.1	10	ND	97	101	73-139	3.93	20
Diisopropyl ether (DIPE)	10.1	10.5	10	ND	101	105	72-140	4.20	20
Ethylbenzene	10.1	10.3	10	ND	101	103	73-128	2.44	20
Ethyl tert-butyl ether (ETBE)	10.2	10.7	10	ND	102	107	71-140	5.02	20
Methyl-t-butyl ether (MTBE)	10.2	10.8	10	ND	99	105	73-139	6.15	20
Naphthalene	9.93	10.7	10	ND	99	107	54-148	7.53	20
Toluene	9.97	10.3	10	ND	99	102	71-128	3.06	20
Xylenes, Total	31.1	31.7	30	ND	104	106	70-130	1.78	20
Surrogate Recovery									
Dibromofluoromethane	24.7	24.8	25		99	99	73-131	0	20
Toluene-d8	23.6	23.6	25		94	94	72-117	0	20
4-BFB	2.41	2.41	2.5		96	96	74-116	0	20

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/26/17	**BatchID:**	134732
Date Analyzed:	2/26/17	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134732 1702B60-015AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	59.7	40	40	60	-	99	85-112
MTBE	ND	9.44	0.36	5.0	10	-	94	74-127
Benzene	ND	10.7	0.070	0.50	10	-	107	81-124
Toluene	ND	11.6	0.14	0.50	10	-	116	79-131
Ethylbenzene	ND	11.2	0.070	0.50	10	-	112	86-127
Xylenes	0.1664,J	35.1	0.14	1.5	30	-	117	87-133
Surrogate Recovery								
aaa-TFT	9.763	10.5			10	98	105	87-117

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	54.8	49.6	60	ND	91	83,F1	85-113	9.85	20
MTBE	10.2	10.0	10	ND	102	100	73-120	1.15	20
Benzene	11.0	10.9	10	ND	110	109	84-121	0.327	20
Toluene	11.7	11.8	10	ND	117	118	86-125	0.773	20
Ethylbenzene	11.3	11.4	10	ND	113	114	93-124	1.28	20
Xylenes	34.3	34.6	30	ND	114	115	93-130	0.676	20
Surrogate Recovery									
aaa-TFT	10.7	10.6	10		107	106	89-115	1.00	20

(Cont.)

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/26/17 - 2/27/17	**BatchID:**	134733
Date Analyzed:	2/26/17 - 2/27/17	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134733 1702B90-003AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	60.4	40	40	60	-	101	85-112
MTBE	ND	10.2	0.36	5.0	10	-	103	74-127
Benzene	ND	11.5	0.070	0.50	10	-	115	81-124
Toluene	ND	12.1	0.14	0.50	10	-	121	79-131
Ethylbenzene	ND	11.8	0.070	0.50	10	-	118	86-127
Xylenes	ND	35.7	0.14	1.5	30	-	119	87-133
Surrogate Recovery								
aaa-TFT	9.319	10.7			10	93	107	87-117

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	54.4	57.8	60	ND	91	96	85-113	6.05	20
MTBE	10.3	10.1	10	ND	103	101	73-120	2.01	20
Benzene	11.0	11.5	10	ND	109	114	84-121	4.54	20
Toluene	11.9	12.4	10	ND	119	124	86-125	4.05	20
Ethylbenzene	11.5	11.8	10	ND	115	118	93-124	2.61	20
Xylenes	35.1	33.8	30	ND	117	113	93-130	3.85	20
Surrogate Recovery									
aaa-TFT	10.3	10.6	10		103	107	89-115	3.59	20

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/28/17	**BatchID:**	134874
Date Analyzed:	2/28/17	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134874 1702D06-022AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	58.9	40	40	60	-	98	85-112
MTBE	ND	9.33	0.36	5.0	10	-	93	74-127
Benzene	ND	10.3	0.070	0.50	10	-	103	81-124
Toluene	ND	11.2	0.14	0.50	10	-	113	79-131
Ethylbenzene	ND	10.9	0.070	0.50	10	-	109	86-127
Xylenes	ND	34.0	0.14	1.5	30	-	113	87-133
Surrogate Recovery								
aaa-TFT	9.645	10.2			10	96	102	87-117

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	55.4	54.9	60	ND	92	91	85-113	0.885	20
MTBE	8.50	9.14	10	ND	85	91	73-120	7.28	20
Benzene	9.78	10.2	10	ND	98	102	84-121	4.65	20
Toluene	10.4	11.0	10	ND	104	110	86-125	5.41	20
Ethylbenzene	10.2	10.6	10	ND	101	106	93-124	4.83	20
Xylenes	31.2	33.2	30	ND	104	111	93-130	5.96	20
Surrogate Recovery									
aaa-TFT	10.3	10.3	10		103	103	89-115	0	20

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	3/1/17	**BatchID:**	134948
Date Analyzed:	3/1/17	**Extraction Method:**	SW5030B
Instrument:	GC12	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS-134948 1702C41-010AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	54.7	40	40	60	-	91	78-116
MTBE	ND	9.27	0.36	5.0	10	-	93	72-122
Benzene	ND	9.45	0.070	0.50	10	-	95	81-123
Toluene	ND	9.70	0.14	0.50	10	-	97	83-129
Ethylbenzene	ND	9.53	0.070	0.50	10	-	95	88-126
Xylenes	ND	27.8	0.14	1.5	30	-	93	87-131
Surrogate Recovery								
aaa-TFT	9.816	9.62			10	98	96	89-116

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	NR	NR		1200	NR	NR	-	NR	-
MTBE	NR	NR		ND	NR	NR	-	NR	-
Benzene	NR	NR		640	NR	NR	-	NR	-
Toluene	NR	NR		38	NR	NR	-	NR	-
Ethylbenzene	NR	NR		12	NR	NR	-	NR	-
Xylenes	NR	NR		70	NR	NR	-	NR	-
Surrogate Recovery									
aaa-TFT	NR	NR			NR	NR	-	NR	-

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/23/17	**BatchID:**	134604
Date Analyzed:	2/24/17	**Extraction Method:**	SW3510C/3630C
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS/LCSD-134604

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	45	50	-	-	-
TPH-Motor Oil (C18-C36)	ND	150	250	-	-	-
Surrogate Recovery						
C9	588.6			625	94	65-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	931	961	1000	93	96	61-157	3.16	30
Surrogate Recovery								
C9	585	586	625	94	94	65-122	0	30

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Quality Control Report

Client:	Green Star Environmental	**WorkOrder:**	1702C41
Date Prepared:	2/23/17	**BatchID:**	134645
Date Analyzed:	2/24/17	**Extraction Method:**	SW3510C/3630C
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	GLI Oakland/1379	**Sample ID:**	MB/LCS/LCSD-134645

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	45	50	-	-	-
TPH-Motor Oil (C18-C36)	ND	150	250	-	-	-
Surrogate Recovery						
C9	589			625	94	65-122

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	943	948	1000	94	95	61-157	0.512	30
Surrogate Recovery								
C9	590	590	625	94	94	65-122	0	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1702C41 **ClientCode: GSET**

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Report to:
Terrance A. Harriman
Green Star Environmental
354 McDonnell Street, Suite 9
Lewisville, TX 75057
(214) 222-8752 FAX: (214) 222-8752

Email: taharriman@greenstarenvironmental.com
cc/3rd Party:
PO:
ProjectNo: GLI Oakland/1379

Bill to:
Patricia Cardenas
Green Star Environmental
P.O Box 13482
Arlington, TX 76094-0482
greenstar@greenstarenvironmental.com

Requested TAT: 5 days;

Date Received: 02/23/2017
Date Logged: 02/24/2017

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
1702C41-001	ES-07	Water	2/22/2017 10:29	☐	B	A	A									
1702C41-002	ES-06	Water	2/22/2017 11:24	☐	B	A	A									
1702C41-003	ES-11	Water	2/22/2017 12:27	☐	B	A	A									
1702C41-004	ES-04	Water	2/22/2017 13:35	☐	B	A	A									
1702C41-005	BC-03	Water	2/22/2017 14:40	☐	B	A	A									
1702C41-006	ES-03	Water	2/22/2017 15:24	☐	B	A	A									
1702C41-007	ES-01	Water	2/22/2017 16:12	☐	B	A	A									
1702C41-008	ES-05	Water	2/22/2017 17:18	☐	B	A	A									
1702C41-009	BC-01	Water	2/22/2017 18:01	☐	B	A	A									
1702C41-010	ES-02	Water	2/22/2017 18:45	☐	B	A	A									
1702C41-011	ES-08	Water	2/23/2017 11:28	☐	B	A	A									
1702C41-012	ES-09	Water	2/23/2017 12:04	☐	B	A	A									

Test Legend:

1	8260VOC_W	2	G-MBTEX_W	3	TPH(DMO)WSG_W	4	
5		6		7		8	
9		10		11		12	

Prepared by: Maria Venegas

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A contain testgroup Multi RangeWSG_W.

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.

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WORK ORDER SUMMARY

Client Name: GREEN STAR ENVIRONMENTAL **Project:** GLI Oakland/1379 **Work Order:** 1702C41
Client Contact: Terrance A. Harriman **QC Level:** LEVEL 2
Contact's Email: taharriman@greenstarenvironmental.com **Comments:** **Date Logged:** 2/24/2017

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702C41-001A	ES-07	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 10:29	5 days	Present	☐	
1702C41-001B	ES-07	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 10:29	5 days	Present	☐	
1702C41-002A	ES-06	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 11:24	5 days	Present	☐	
1702C41-002B	ES-06	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 11:24	5 days	Present	☐	
1702C41-003A	ES-11	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 12:27	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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WORK ORDER SUMMARY

Client Name: GREEN STAR ENVIRONMENTAL **Project:** GLI Oakland/1379 **Work Order:** 1702C41
Client Contact: Terrance A. Harriman **QC Level:** LEVEL 2
Contact's Email: taharriman@greenstarenvironmental.com **Comments:** **Date Logged:** 2/24/2017

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702C41-003B	ES-11	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 12:27	5 days	Present	☐	
1702C41-004A	ES-04	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 13:35	5 days	Present	☐	
1702C41-004B	ES-04	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 13:35	5 days	Present	☐	
1702C41-005A	BC-03	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 14:40	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: GREEN STAR ENVIRONMENTAL **Project:** GLI Oakland/1379 **Work Order:** 1702C41
Client Contact: Terrance A. Harriman **QC Level:** LEVEL 2
Contact's Email: taharriman@greenstarenvironmental.com **Comments:** **Date Logged:** 2/24/2017

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702C41-005B	BC-03	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 14:40	5 days	Present	☐	
1702C41-006A	ES-03	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 15:24	5 days	Trace	☐	
1702C41-006B	ES-03	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 15:24	5 days	Trace	☐	
1702C41-007A	ES-01	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 16:12	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: GREEN STAR ENVIRONMENTAL **Project:** GLI Oakland/1379 **Work Order:** 1702C41
Client Contact: Terrance A. Harriman **QC Level:** LEVEL 2
Contact's Email: taharriman@greenstarenvironmental.com **Comments:** **Date Logged:** 2/24/2017

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702C41-007B	ES-01	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 16:12	5 days	Present	☐	
1702C41-008A	ES-05	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 17:18	5 days	Present	☐	
1702C41-008B	ES-05	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 17:18	5 days	Present	☐	
1702C41-009A	BC-01	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 18:01	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: GREEN STAR ENVIRONMENTAL **Project:** GLI Oakland/1379 **Work Order:** 1702C41
Client Contact: Terrance A. Harriman **QC Level:** LEVEL 2
Contact's Email: taharriman@greenstarenvironmental.com **Comments:** **Date Logged:** 2/24/2017

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702C41-009B	BC-01	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 18:01	5 days	Present	☐	
1702C41-010A	ES-02	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/22/2017 18:45	5 days	Trace	☐	
1702C41-010B	ES-02	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/22/2017 18:45	5 days	Trace	☐	
1702C41-011A	ES-08	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/23/2017 11:28	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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WORK ORDER SUMMARY

Client Name: GREEN STAR ENVIRONMENTAL **Project:** GLI Oakland/1379 **Work Order:** 1702C41
Client Contact: Terrance A. Harriman **QC Level:** LEVEL 2
Contact's Email: taharriman@greenstarenvironmental.com **Comments:** **Date Logged:** 2/24/2017

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702C41-011B	ES-08	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/23/2017 11:28	5 days	Present	☐	
1702C41-012A	ES-09	Water	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	2/23/2017 12:04	5 days	Present	☐	
1702C41-012B	ES-09	Water	SW8260B (VOCs) <1,2-Dibromoethane (EDB), 1,2-Dichloroethane (1,2-DCA), Benzene, Diisopropyl ether (DIPE), Ethanol, Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	2/23/2017 12:04	5 days	Present	☐	
1702C41-013A	Trip Blank	Water		2	VOA w/ HCl	☐	2/21/2017		None	☑	
1702C41-014A	Temp Blank	Water		2	VOA w/ HCl	☐	2/21/2017		None	☑	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

General COC

MAI Work Order # 1702C41

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www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD [X] | Quote #
J-Flag / MDL | ESL | Cleanup Approved [X] | Bottle Order #
Delivery Format: GeoTracker EDF [X] | PDF [X] | EDD [X] | Write On (DW) | EQuIS

Report To: Terrance Harriman | Bill To:
Company: Green Star Environmental
Email: tharriman@greenstarenvironmental.com
Alt Email: jralvarez@greenstarenvironmental.com Tele: (214)222-8752
Project Name/#: GLI Oakland / 1379
Project Location: 2103 San Pablo Ave. PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative HCl	Preservative 4°C	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Arocolors only	EPA 524.2 / 624 / 8260 (VOCs) See attached list	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Report MDL & J flags			
ES-07	2-22-17	10:29	6	GW	4	2	✓		✓						✓							✓			
ES-06	2-22-17	11:24	6	GW	4	2	✓		✓						✓							✓			
ES-11	2-22-17	12:27	6	GW	4	2	✓		✓						✓							✓			
ES-04	2-22-17	13:35	6	GW	4	2	✓		✓						✓							✓			
BC-03	2-22-17	14:40	6	GW	4	2	✓		✓						✓							✓			
ES-03	2-22-17	15:24	6	GW	4	2	✓		✓						✓							✓			
ES-01	2-22-17	16:12	6	GW	4	2	✓		✓						✓							✓			
ES-05	2-22-17	17:18	6	GW	4	2	✓		✓						✓							✓			
BC-01	2-22-17	18:01	6	GW	4	2	✓		✓						✓							✓			
ES-02	2-22-17	18:45	6	GW	4	2	✓		✓						✓							✓			

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 for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions
Include Geotracker Global ID in EDF: T0600100666

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
/ Green Star	2-23-17	15:02		2/23/17	1502

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 4.4 °C Initials

Page 1 of 2

General COC

MAI Work Order # _____

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Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: GeoTracker EDF X | PDF X | EDD | Write On (DW) | EQuIS

Report To: Terrance Harriman | Bill To:
Company: Green Star Environmental
Email: taharriman@greenstarenvironmental.com
Alt Email: jtalmaz@greenstarenvironmental | Tele: (214) 227-8752
Project Name/#: GLI Oakland / 1379
Project Location: 2103 San Pablo Ave | PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative		BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs) See attached list	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Please Report MDL @ J flag hold			
GS-08	2-23-17	11:28	6	GW	4	2	✓		✓						✓							✓			
GS-09	2-23-17	12:04	6	GW	4	2	✓		✓						✓							✓			
TRIP BLANK	2-21-17	PM	2	O	0	2																	✓		
TEMP BLANK	2-21-17	PM	2	O	0	2																	✓		

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 for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Green Star	2-23-17	15:02		2/23/17	1502

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

Page 2 of 2

Groundwater (14 samples)

- TPH (All ranges: Gasoline, Diesel, Oil) Via EPA Method 8015M
- The following VOCs via EPA Method 8260
  - BTEX
  - Naphthalene
  - MTBE
  - ETBE
  - TAME
  - DIPE
  - EDB
  - EDC
  - TBA
  - Ethanol

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Sample Receipt Checklist

Client Name:	**Green Star Environmental**	Date and Time Received	**2/23/2017 15:02**
Project Name:	**GLI Oakland/1379**	Date Logged:	**2/24/2017**
		Received by:	Maria Venegas
WorkOrder №:	**1702C41** Matrix: Water	Logged by:	Maria Venegas
Carrier:	Client Drop-In		

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 ☐	NA ☐
Sample/Temp Blank temperature	Temp: 4.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

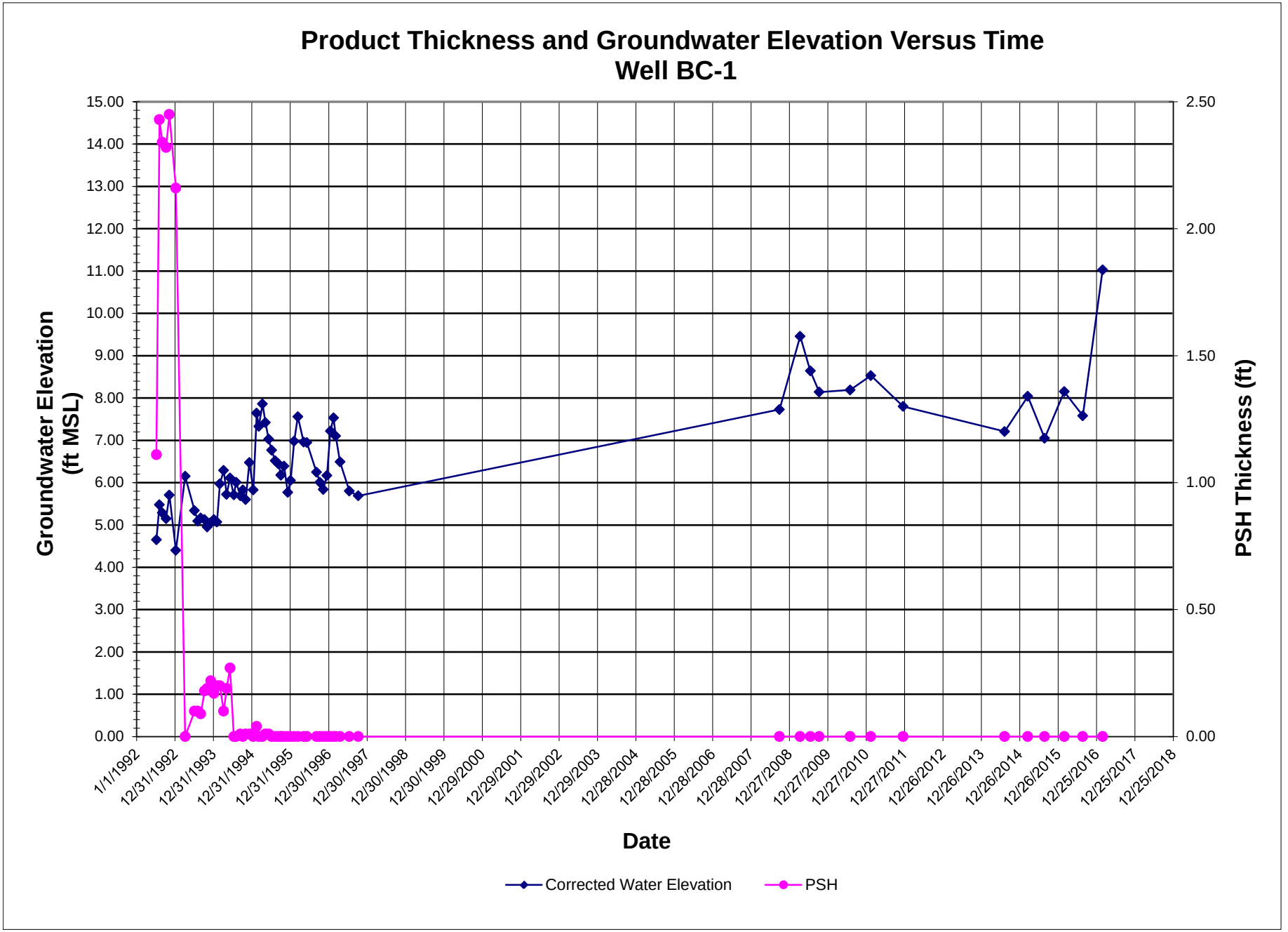
UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

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)
15.00
14.00
13.00
12.00
11.00
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
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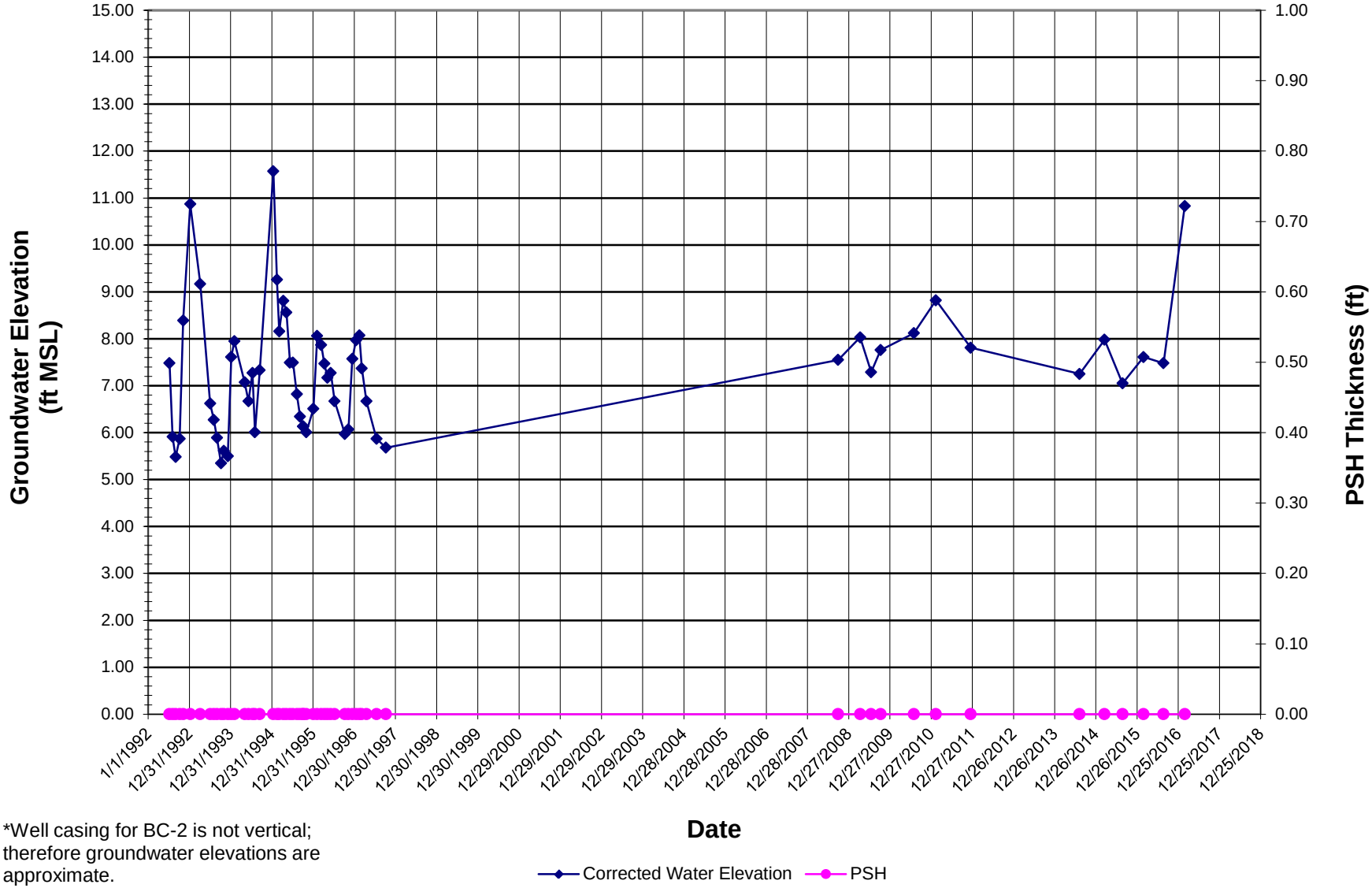
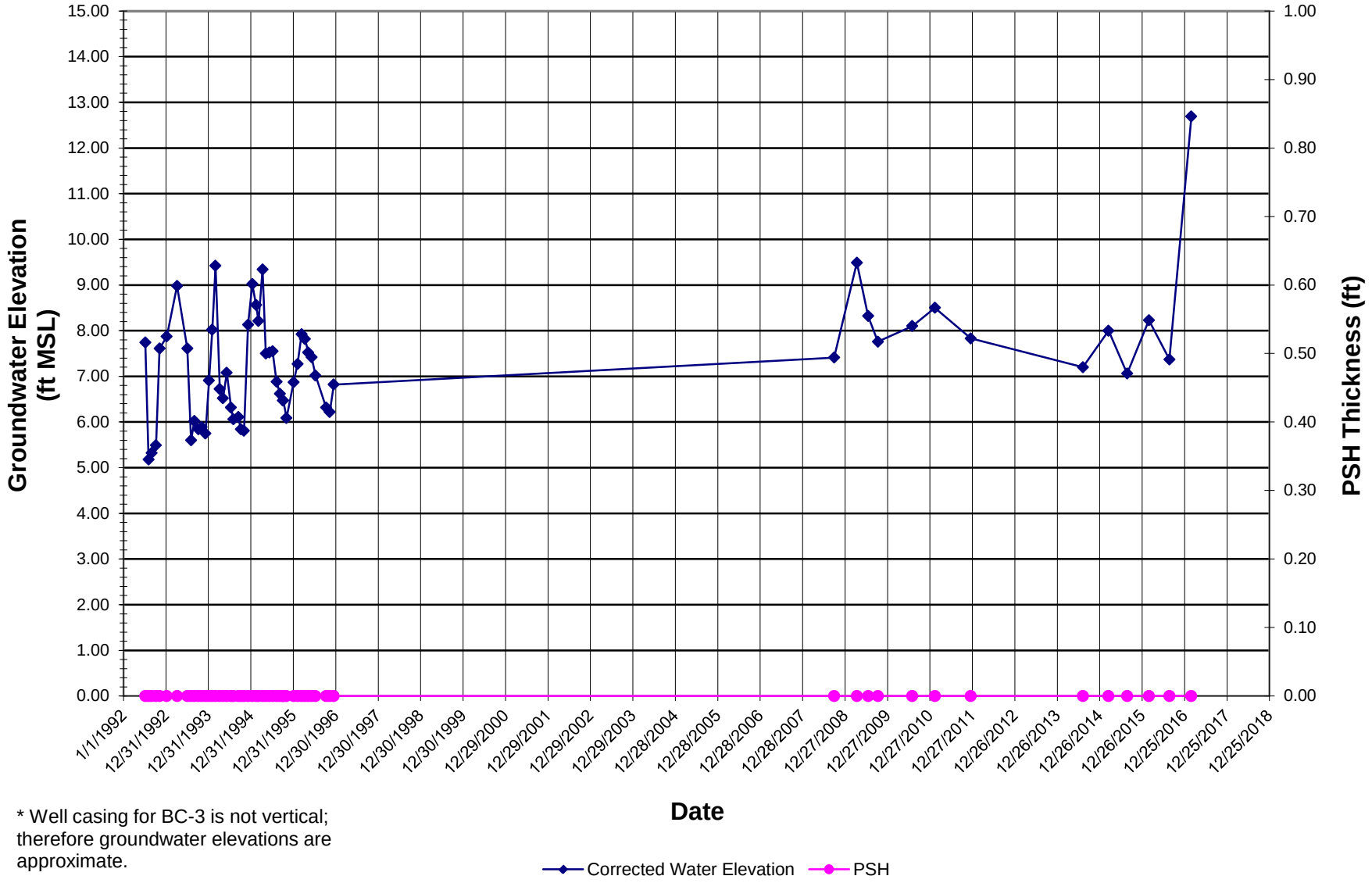
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH

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

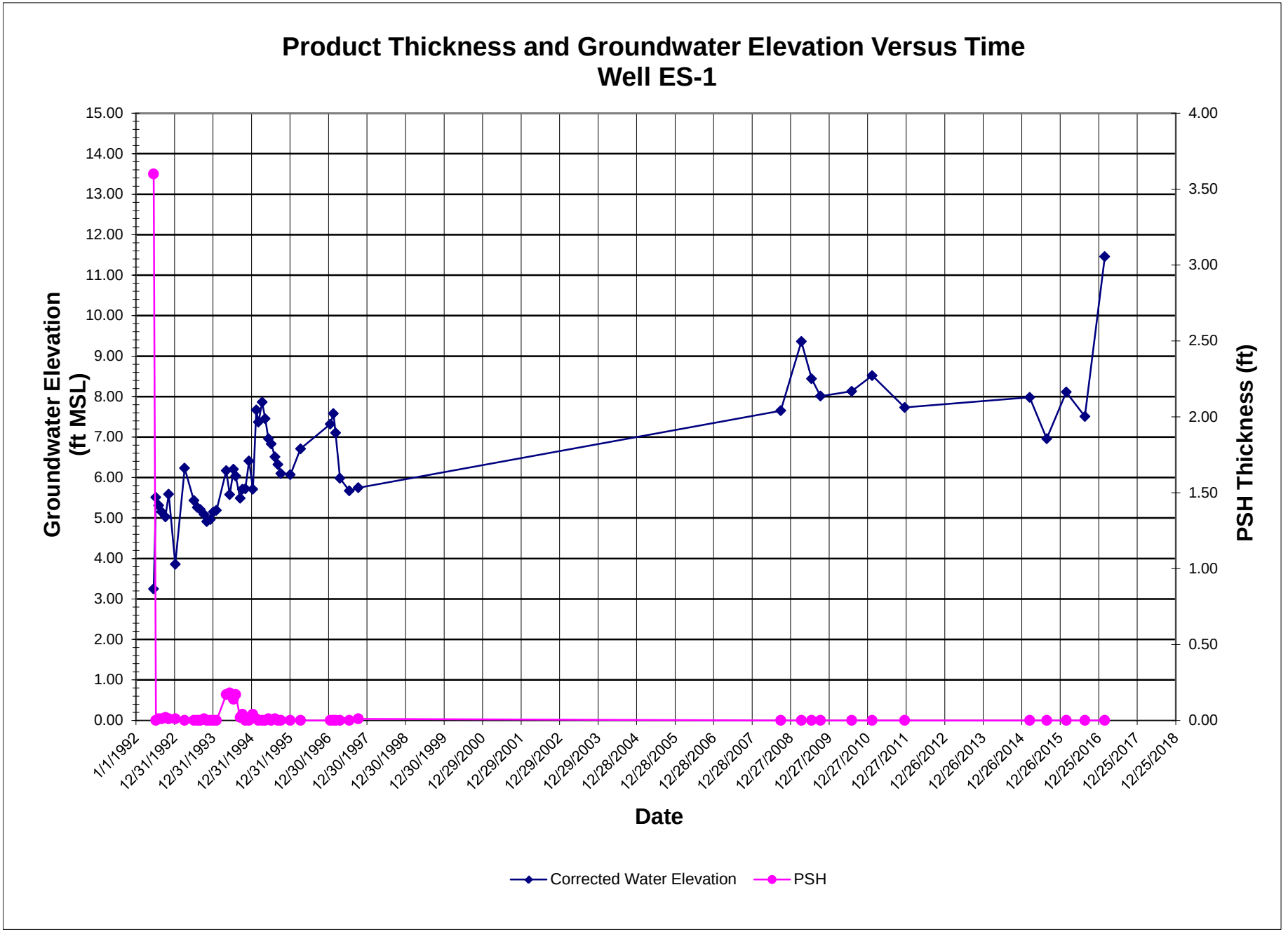


*Well casing for BC-2 is not vertical; therefore groundwater elevations are approximate.

Product Thickness and Approximate* Groundwater Elevation Versus Time
Well BC-3



* Well casing for BC-3 is not vertical; therefore groundwater elevations are approximate.


Product Thickness and Groundwater Elevation Versus Time
Well ES-1
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
Date
15.00
14.00
13.00
12.00
11.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
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0.00
4.00
3.50
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12/31/1993
12/31/1994
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12/30/1999
12/29/2000
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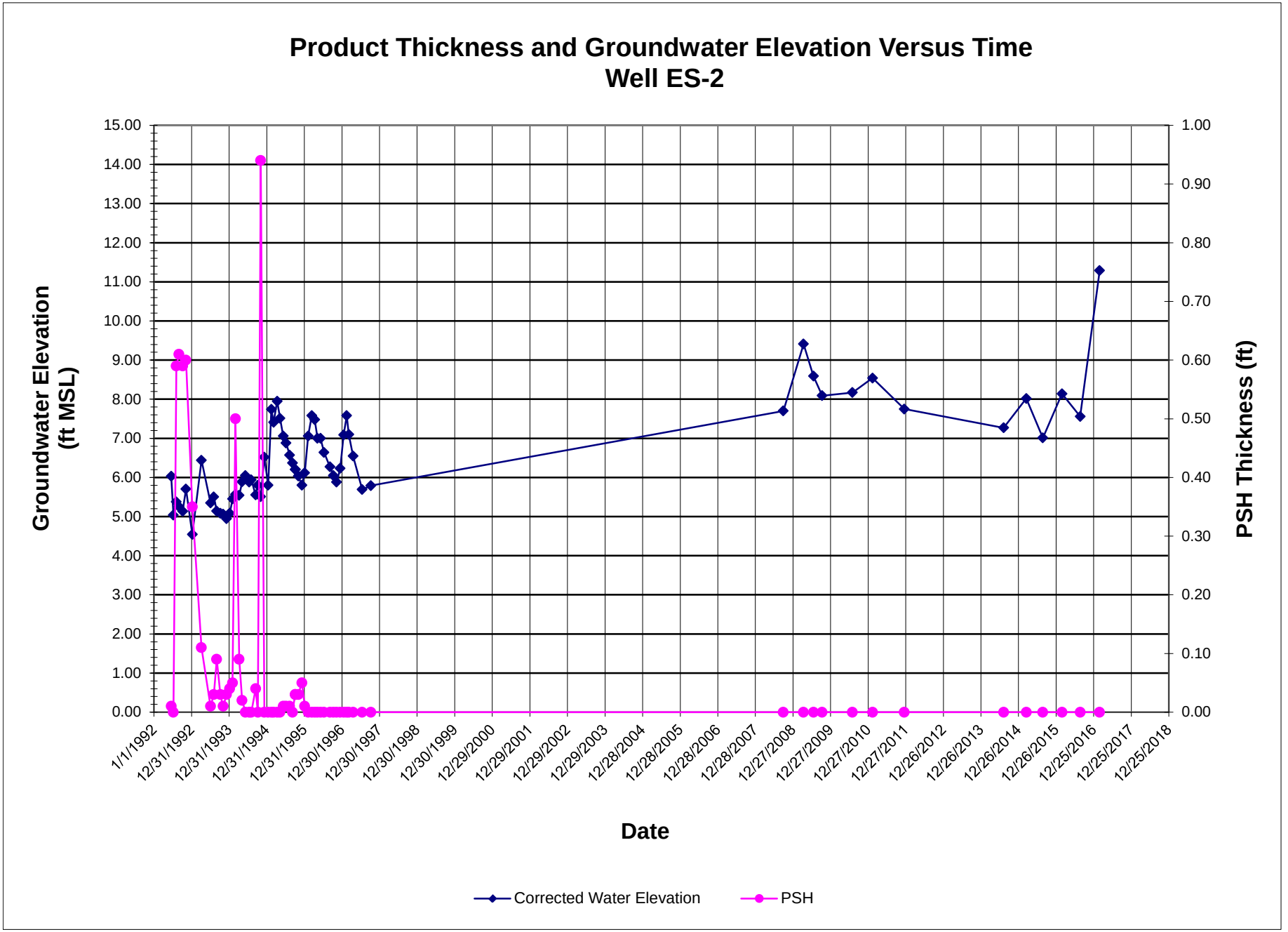
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-2
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
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12/31/1992
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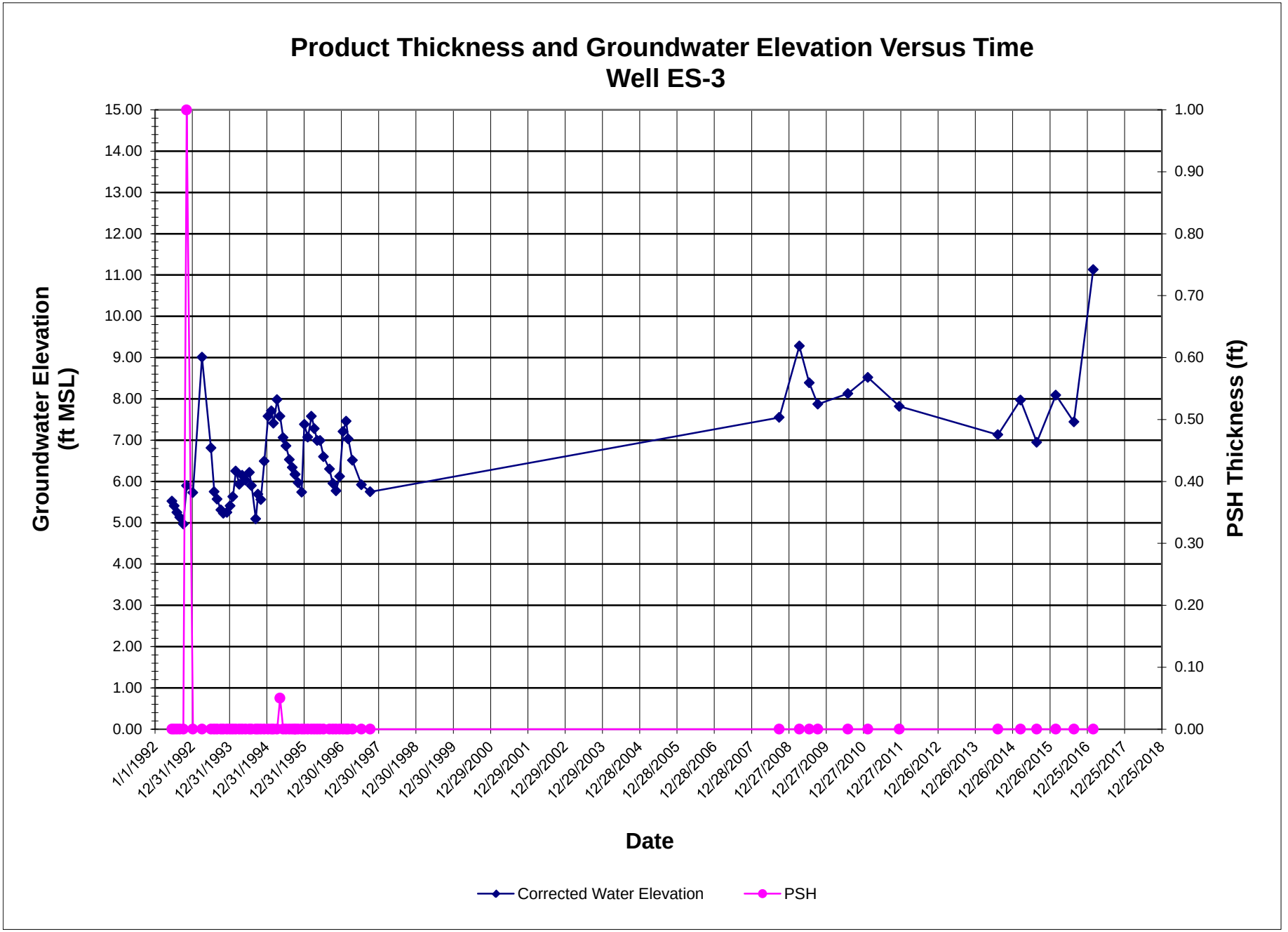
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-3
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
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
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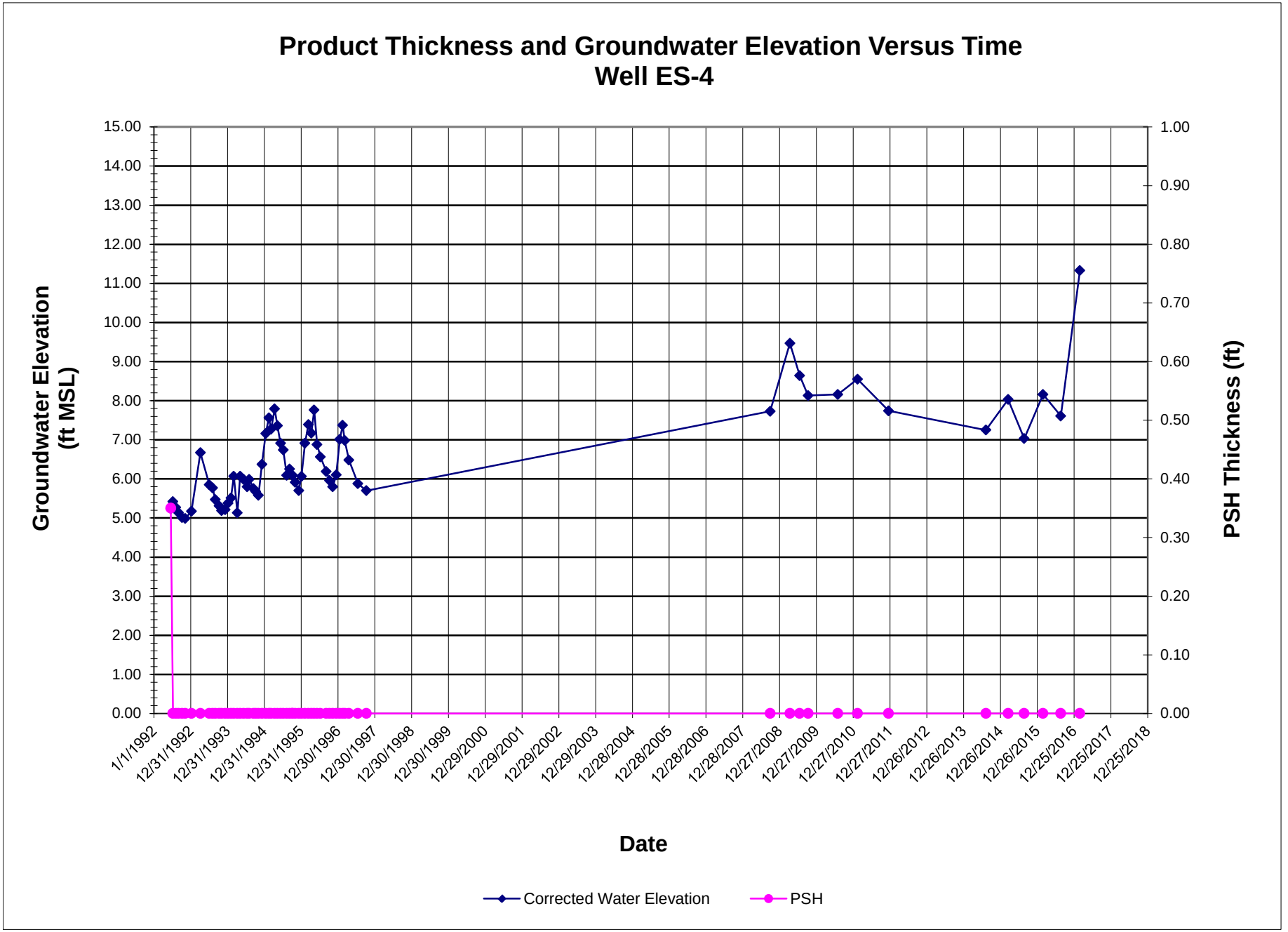
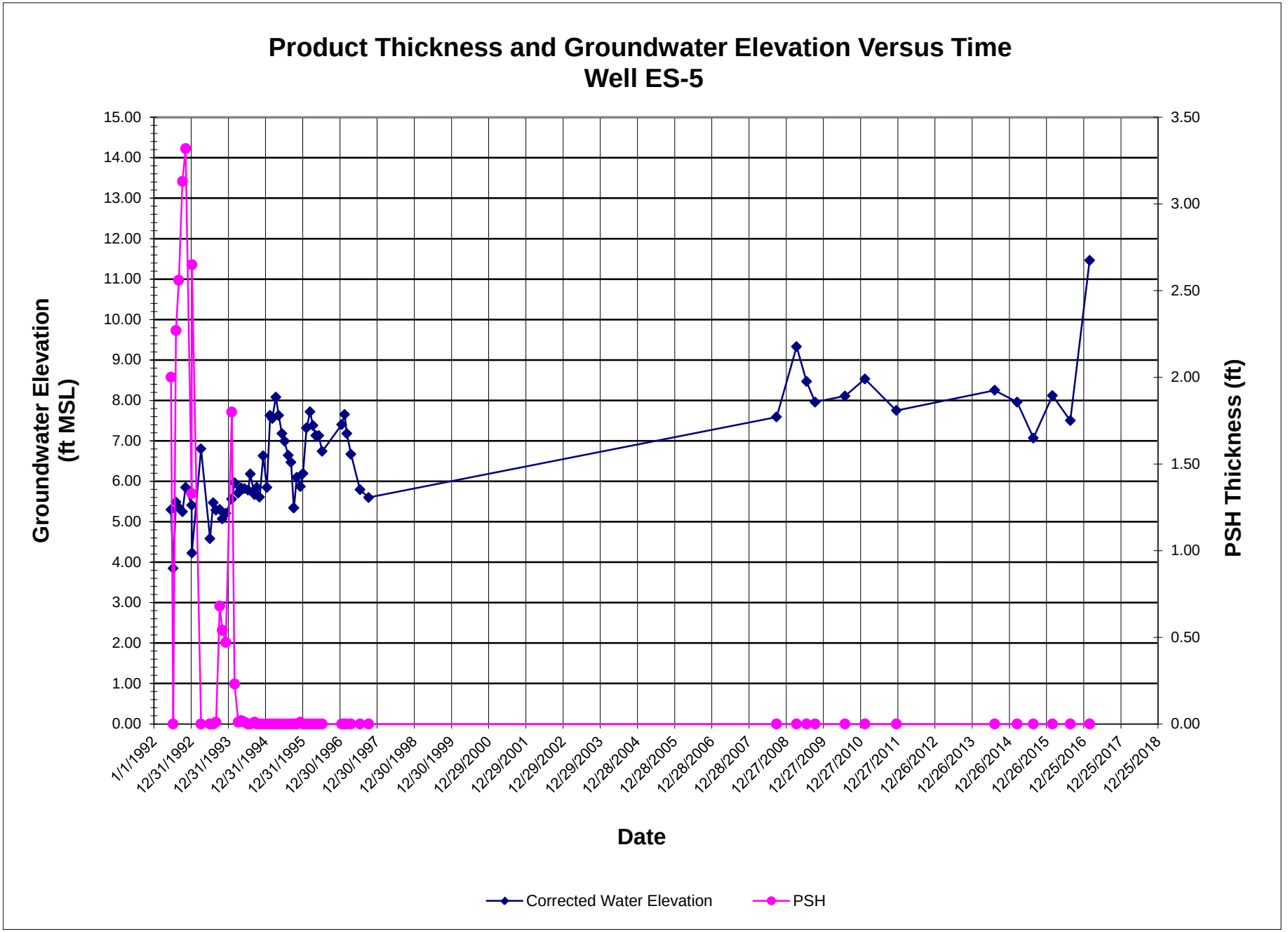
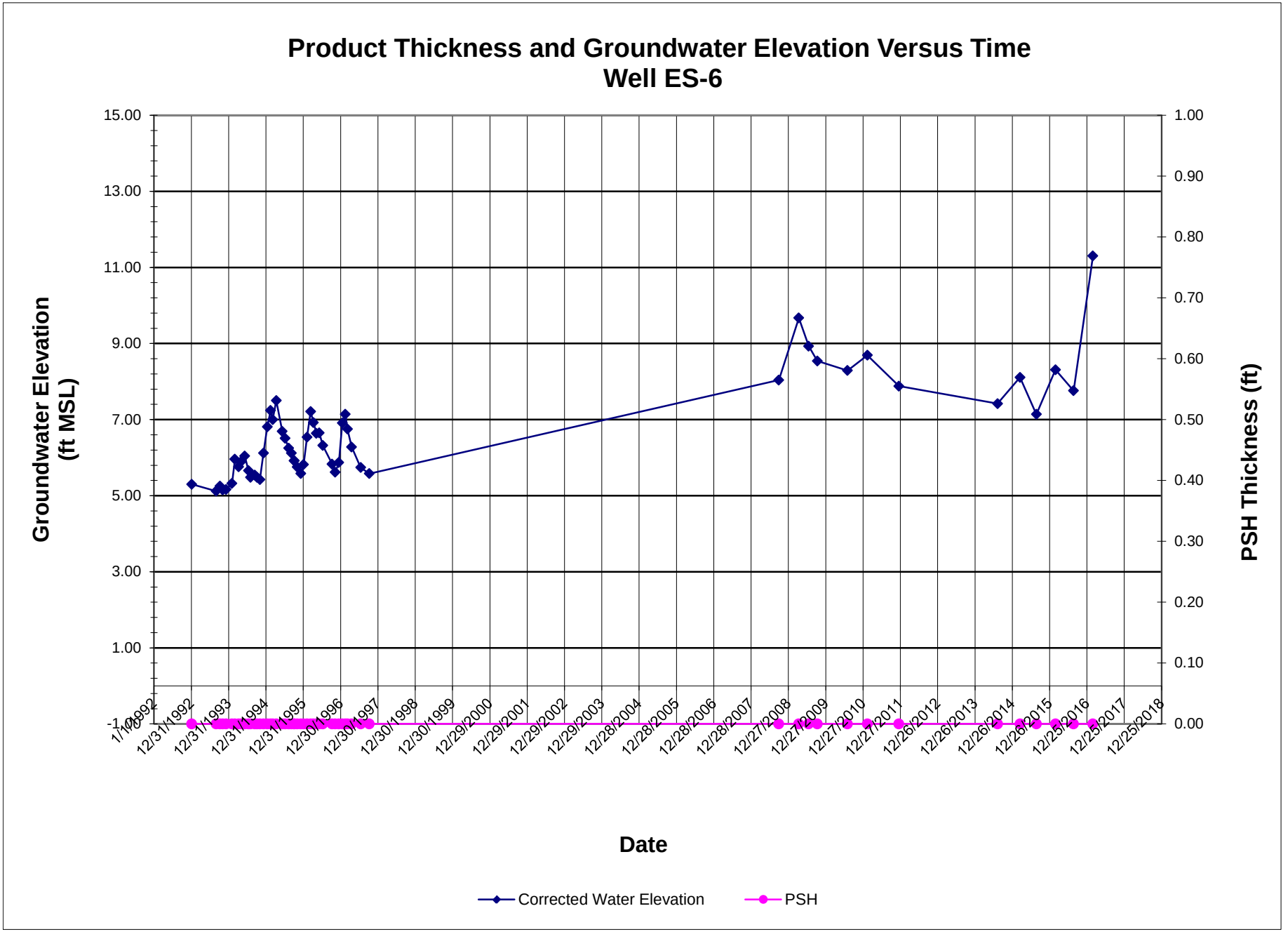
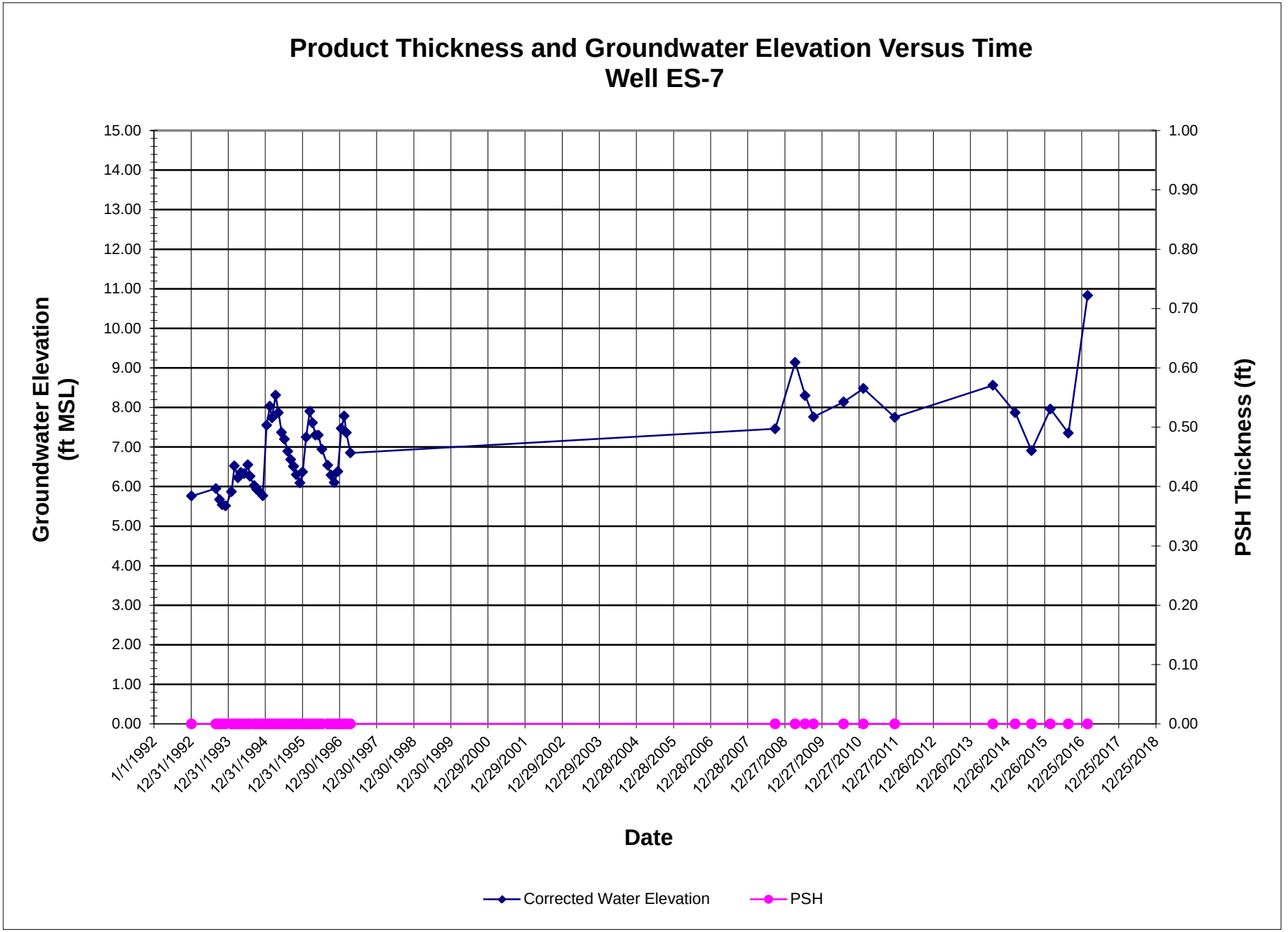
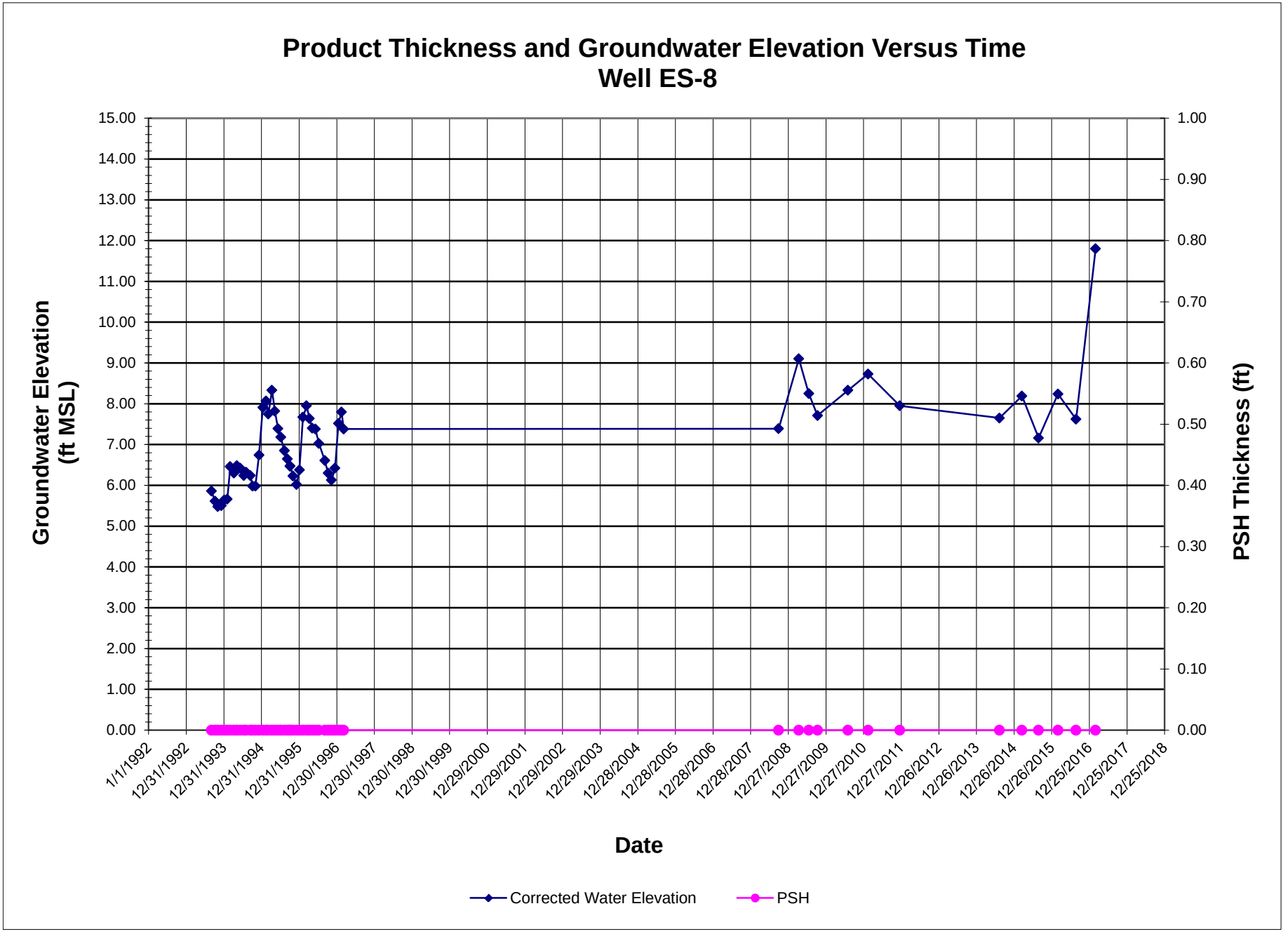
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
12/27/2009
12/27/2010
12/27/2011
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH

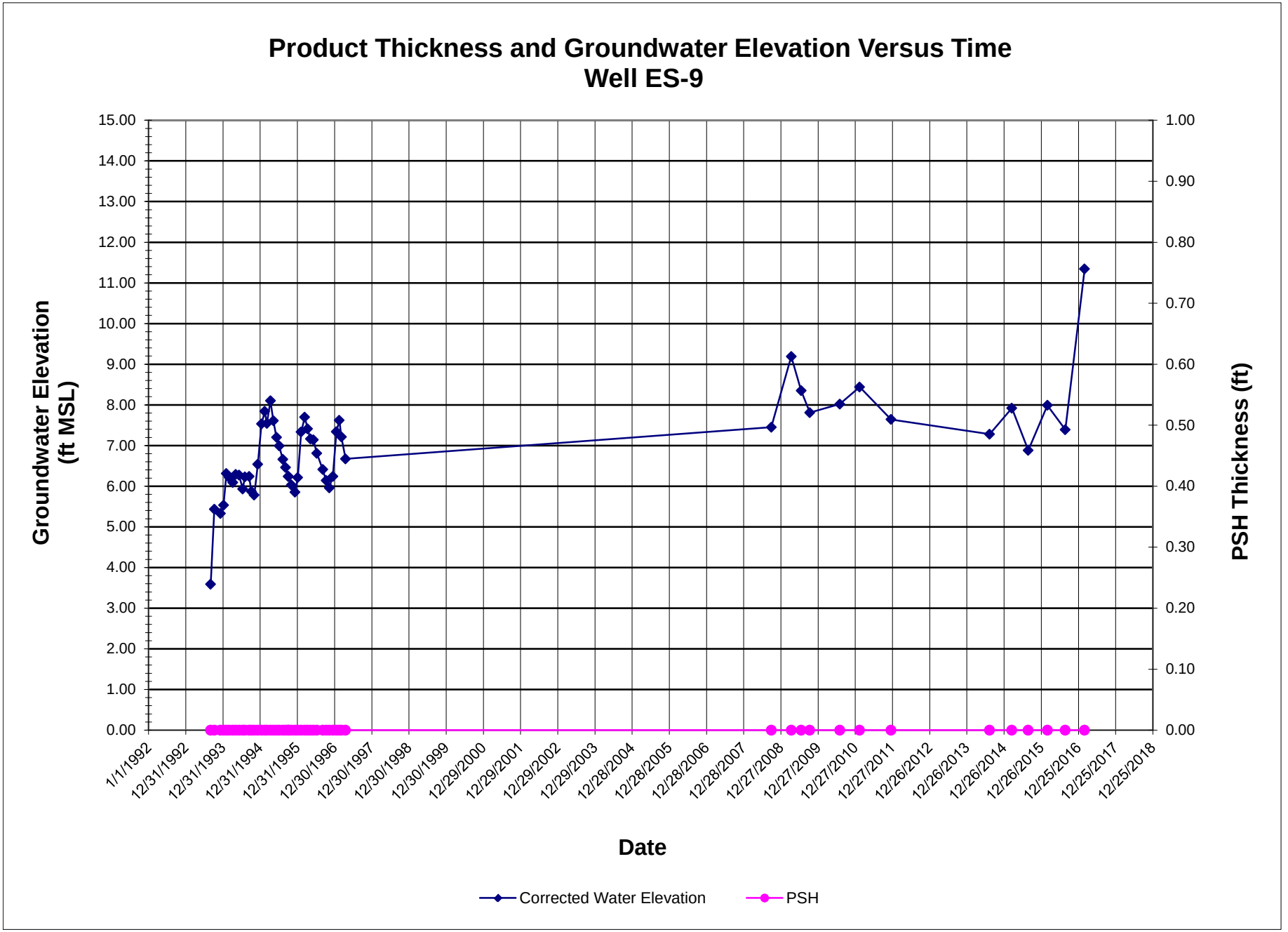

Product Thickness and Groundwater Elevation Versus Time
Well ES-4
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH

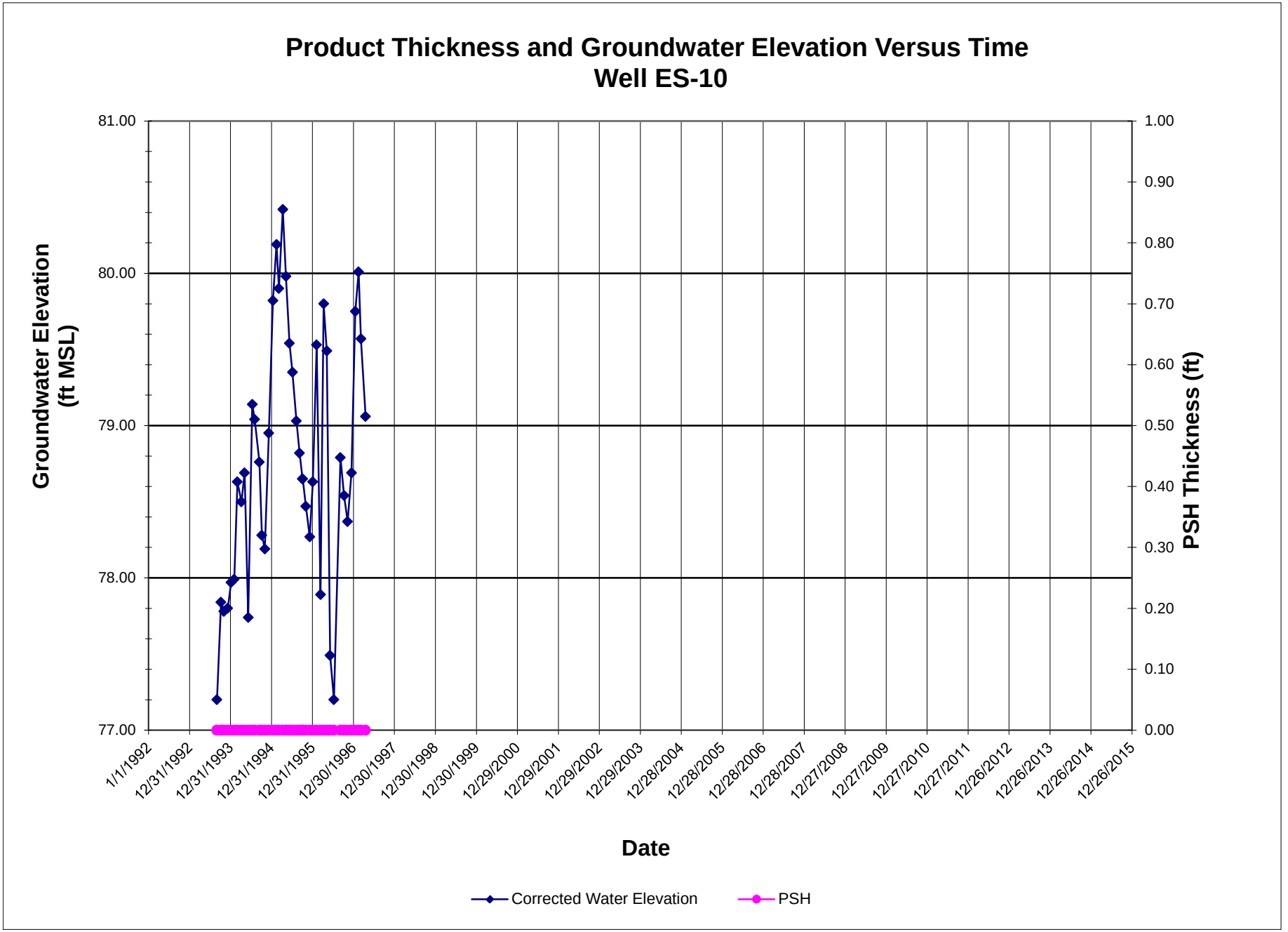

Product Thickness and Groundwater Elevation Versus Time
Well ES-5
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH

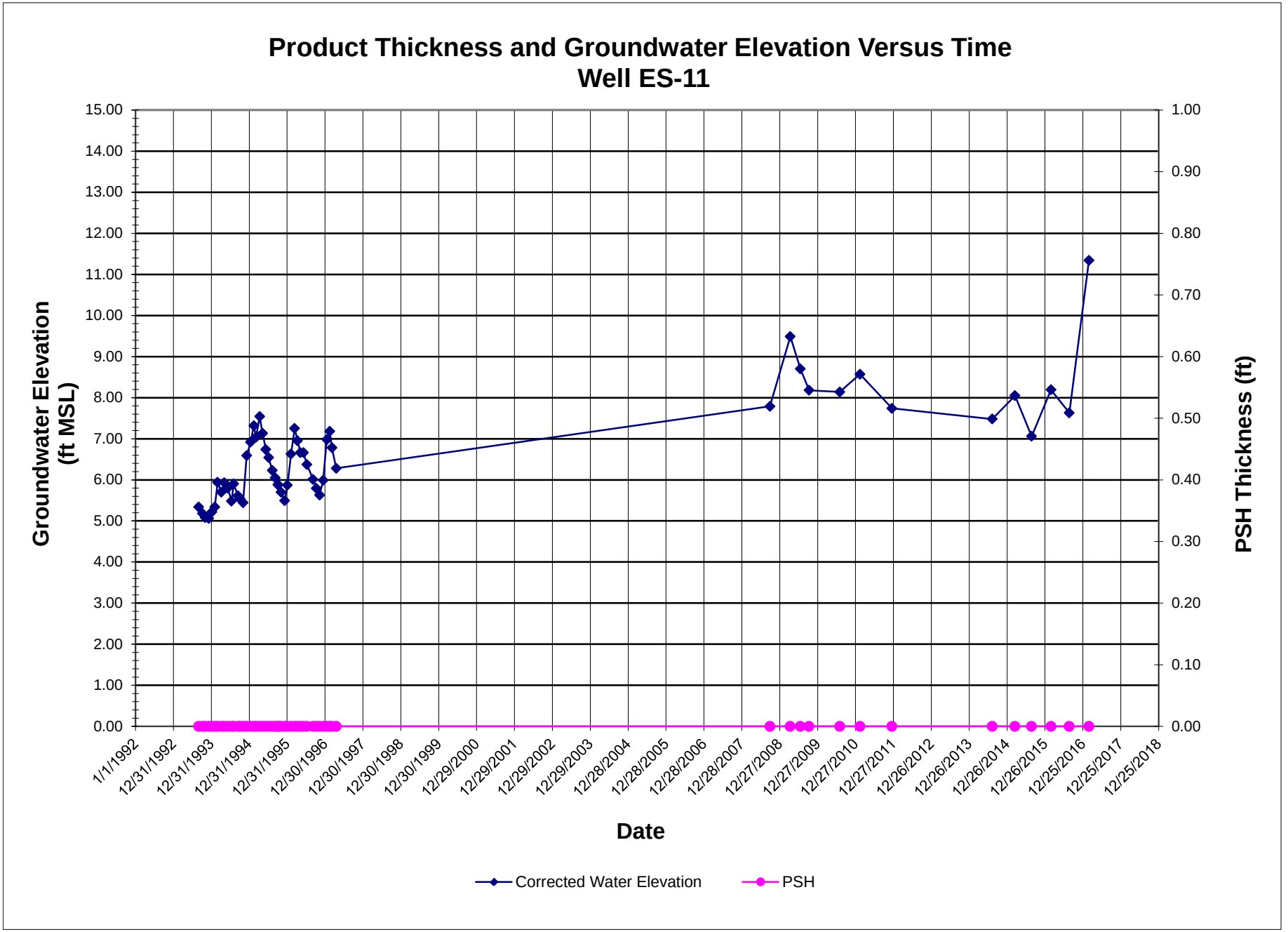

Product Thickness and Groundwater Elevation Versus Time
Well ES-6
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
13.00
11.00
9.00
7.00
5.00
3.00
1.00
-1.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-7
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-8
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
Date
15.00
14.00
13.00
12.00
11.00
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-9
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
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
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
Date
Corrected Water Elevation
PSH


Product Thickness and Groundwater Elevation Versus Time
Well ES-11
Groundwater Elevation (ft MSL)
PSH Thickness (ft)
15.00
14.00
13.00
12.00
11.00
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
12/26/2012
12/26/2013
12/26/2014
12/26/2015
12/25/2016
12/25/2017
12/25/2018
Date
Corrected Water Elevation
PSH

APPENDIX C

Groundwater Sampling Records

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

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

Gauged by: JFA | Starting Water Level (ft. BMP): 13.01

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 29.66

Total Fluids Purged (gal) | Three Well Volume (gal)

Monitor Well Inspection:

Condition of Concrete Pad: good

Condition of Lock, Well Cover and Cap:

Condition of Well:

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ heron H.01L | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
18:01	40mL	glass	6	N	4 HCl 2 ICE	

Date : Time	Purge Characteristics: Cumul Vol. (Gallons)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH	Conduct-ivity	ORP	Appearance: Color	Turbidity & Sediment	REMARKS
17:40	440mL	18.31	7.23	0.951	-26.3	Clear	low	
17:43	440mL	18.37	7.24	0.955	-20.8	clear	low	
17:46	440mL	18.41	7.24	0.956	-17.9	clear	low	
17:49	440mL	18.43	7.23	0.961	-21.8	clear	low	
17:52	440mL	18.47	7.22	0.961	-24.6	clear	low	
17:55	440mL	18.50	7.21	0.962	-25.0	clear	low	
17:58	440mL	18.52	7.21	0.962	-26.4	clear	low	

Water level (ft. BMP) at End of Purge: 12.77

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

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

Gauged by: JFA | Starting Water Level (ft. BMP): 11.73

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 20.17

Total Fluids Purged (gal) | Three Well Volume (gal)

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, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
14:40	40mL	glass	6	N	4 HCl ICE	

Date: 2-22-17 Time	Purge Characteristics: Cumul Vol. ~~(Gallons)~~	Water Quality Data: Field Chemistry Parameters 0.1 3% 10% — Temp (F/C)	pH	Conduct-ivity	ORP	Appearance: Color	Turbidity & Sediment	REMARKS
14:22	490 mL	17.33	7.01	0.892	-279.9	clear	low	
14:25	+ 360 mL	17.19	7.00	0.896	-269.3	clear	low	
14:28	+ 390 mL	17.08	6.99	0.898	-311.6	clear	low	
14:31	+ 350 mL	17.20	6.99	0.899	-282.9	clear	low	
14:34	+ 460 mL	16.96	6.99	0.901	-269.9	clear	low	
14:37	+ 450 mL	17.09	6.98	0.899	-267.7	clear	low	

Water level (ft. BMP) at End of Purge: 12.24

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-01 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 12.65

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 30.18

Total Fluids Purged (gal) | Three Well Volume (gal) —

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, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peristaltic pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ Heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
16:12	40mL	glass	6	N	4HCl ICE	

Date : Time	Purge Characteristics: Cumul Vol. (Gallons)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH	Conduct-ivity	ORP	Appearance: Color	Turbidity & Sediment	REMARKS
15:56	620 mL	20.54	6.93	1.088	-124.8	clear	low	
15:59	480 mL	20.54	6.92	1.089	-134.2	clear	low	
16:02	500 mL	20.45	6.91	1.090	-125.8	clear	low	
16:05	300 mL	20.24	6.91	1.094	-130.6	clear	low	
16:08	540 mL	20.28	6.91	1.093	-128.9	clear	low	

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

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-02 | Total Depth to LNAPL (ft. BMP):

Gauged by: JFA | Starting Water Level (ft. BMP): 13.39

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

Total Fluids Purged (gal) | Three Well Volume (gal)

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, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ Heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
18:45	40mL	glass	6	N	4 HCL 2 ICE	

Date: Time	Purge Characteristics: Cumul Vol. (Gallons)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH	Conductivity	ORP	Appearance: Color	Turbidity & Sediment	REMARKS
	820 mL	18.75	6.95	1.448	-61.6	Clear	low	HC odor
	400 mL	18.51	6.95	1.450	-53.8	Clear	low	
	390 mL	18.44	6.96	1.447	-71.5	Clear	low	
	460 mL	18.38	6.95	1.446	-77.2	Clear	low	
	400 mL	18.40	6.95	1.442	-81.2	Clear	low	
18:42	440 mL	18.40	6.95	1.434	-83.8	Clear	low	

Water level (ft. BMP) at End of Purge: 12.28

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-03 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 13.80

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 32.13

Total Fluids Purged (gal) | Three Well Volume (gal) —

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, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: SOLINST | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
15:24	40mL	glass	6	N	4HCl 2 ICE	

Date: 2-22-17 Time	Purge Characteristics	Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons)	Field Chemistry Parameters				Color	Turbidity & Sediment	
		Temp (F/C)	pH	Conductivity	ORP			
15:09	340 mL	19.53	7.01	0.460	-118.1	Clear	low	
15:12	+ 310 mL	19.44	7.01	0.458	-123.9	Clear	low	
15:15	+ 390 mL	19.57	7.01	0.456	-128.8	Clear	low	
15:18	+ 400 mL	19.69	7.01	0.455	-134.1	Clear	low	
15:21	+ 380 mL	19.89	7.01	0.456	-135.7	Clear	low	

Water level (ft. BMP) at End of Purge: 13.66

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-04 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 12.60

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 30.53

Total Fluids Purged (gal) | Three Well Volume (gal) —

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, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peristaltic pump | Sampling: ~~Disposable Bailer~~ low flow dedicated tubing

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

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

Water Level: ~~SOLINST~~ heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
13:35	40mL	glass	6	N	4HCl 2ICE	

Date : Time	Purge Characteristics: Cumul Vol. ~~(Gallons)~~	Water Quality Data: Field Chemistry Parameters 0.1 3% KCl. Temp (F/C)	pH	Conduct-ivity	ORP	Appearance: Color	Turbidity & Sediment	REMARKS
13:07	430 mL	20.18	6.86	0.427	-54.4	Clear	low	
13:10	+ 380 mL	20.10	6.84	0.425	-59.1	Clear	low	
13:13	+ 350 mL	20.10	6.83	0.425	-62.4	Clear	low	
13:16	+ 420 mL	20.10	6.83	0.425	-66.1	clear	low	
13:19	+ 380 mL	20.02	6.83	0.425	-70.3	Clear	low	
13:22	+ 310 mL	20.00	6.83	0.425	-62.2	Clear	low	
13:25	+ 310 mL	19.95	6.83	0.425	-74.8	Clear	low	
13:28	+ 400 mL	19.93	6.82	0.425	-77.1	clear	low	
13:31	+ 410 mL	20.00	6.82	0.425	-75.9	Clear	low	

Water level (ft. BMP) at End of Purge: 12.46

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-05 | Total Depth to LNAPL (ft. BMP): ——

Gauged by: JFA | Starting Water Level (ft. BMP): 12.62

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

Total Fluids Purged (gal) | Three Well Volume (gal)

Monitor Well Inspection:

Condition of Concrete Pad:

Condition of Lock, Well Cover and Cap:

Condition of Well:

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ Peri pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ Heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
17:18	40mL	glass	6	N	4HCl 2ICE	

Date: 2-22-17 Time	Purge Characteristics	Water Quality Data				Appearance		REMARKS
	Cumul Vol. ~~(Gallons)~~	Field Chemistry Parameters 3% 10%				Color	Turbidity & Sediment	
		Temp (F/C)	pH	Conduct-ivity	ORP			
16:57	500 mL	19.20	7.01	0.682	-51.8	Clear	low	
17:00	430 mL	19.17	7.00	0.681	-42.1	Clear	low	
17:03	410 mL	18.91	6.99	0.680	-47.4	Clear	low	
17:06	410 mL	18.86	6.99	0.680	-63.7	Clear	low	
17:09	480 mL	18.84	6.98	0.679	-71.1	clear	low	
17:12	440 mL	18.85	6.97	0.678	-74.9	clear	low	
17:15	410 mL	18.83	6.98	0.678	-74.6	clear	low	

Water level (ft. BMP) at End of Purge: 12.57

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-06 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 15.76

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 36.24

Total Fluids Purged (gal) | Three Well Volume (gal) —

Monitor Well Inspection:

Condition of Concrete Pad: good

Condition of Lock, Well Cover and Cap: replaced cap, cover good

Condition of Well: good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri-pump | Sampling: ~~Disposable Bailer~~ dedicated (new) tubing

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

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

Water Level: ~~SOLINST~~ heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
11:28	40mL	glass	6	N	4 HCl 2 ICE	

Date : Time	Purge Characteristics: Cumul Vol. (~~Gallons~~)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH +/- 0.1	Conductivity +/- 3%	ORP +/- 10%	Appearance: Color	Turbidity & Sediment	REMARKS
11:07	750 mL	20.87	6.87	0.105	223.4	clear	low	
11:10	+ 520 mL	20.89	6.86	0.104	227.1	Clear	low	
11:13	+ 450 mL	20.74	6.84	0.103	231.5	Clear	low	
11:16	+ 390 mL	20.56	6.84	0.104	236.0	clear	low	
11:19	+ 360 mL	20.48	6.85	0.106	238.5	Clear	low	

Water level (ft. BMP) at End of Purge: 15.67

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

Sampling Location (well ID, etc.): ES-07 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 14.83

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 35.08

Total Fluids Purged (gal) | Three Well Volume (gal) —

Monitor Well Inspection:

Condition of Concrete Pad: good.

Condition of Lock, Well Cover and Cap: replaced cap, no bolts

Condition of Well: lots of silt inside well cover

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ Peri Pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ Heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
10:29	40 mL	glass	6	N	4 HCl 2 ICE	

Date: 2-22-17 Time	Purge Characteristics: Cumul Vol. ~~(Gallons)~~	Water Quality Data: Field Chemistry Parameters mS/cm: Temp (F/C)	pH +/- .1	Conductivity 3% +/-	ORP +/- 10%	Appearance: Color	Turbidity & Sediment	REMARKS
10:13	350 mL	18.45	6.63	0.178	170.2	clear	low	
10:16	+ 325 mL	18.61	6.61	0.179	168.7	clear	low	
10:19	+ 300 mL	18.77	6.59	0.181	169.8	clear	low	
10:22	+ 360 mL	18.81	6.59	0.182	172.0	clear	low	
10:25	+ 410 mL	18.80	6.59	0.185	172.7	clear	low	

Water level (ft. BMP) at End of Purge: 14.78

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2/23/17

Sampling Location (well ID, etc.): ES-08 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 12.94

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 29.23

Total Fluids Purged (gal) | Three Well Volume (gal)

Monitor Well Inspection:

Condition of Concrete Pad:

Condition of Lock, Well Cover and Cap:

Condition of Well:

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
11:28	40 mL	glass	6	N	4HCl 2ICE	

Date: 2-23-17 Time	Purge Characteristics	Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons)	Field Chemistry Parameters				Color	Turbidity & Sediment	
		Temp (F/C)	pH	Conduct-ivity	ORP			
11:12	490 mL	19.52	7.05	0.205	86.9	clear	low	
11:15	480 mL	19.69	6.98	0.198	87.6	clear	low	
11:18	430 mL	19.76	6.93	0.195	91.3	clear	low	
11:21	390 mL	19.82	6.92	0.193	95.2	clear	low	
11:24	470 mL	19.86	6.91	0.193	98.5	clear	low	

Water level (ft. BMP) at End of Purge: 12.94

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-23-17

Sampling Location (well ID, etc.): FS-09 | Total Depth to LNAPL (ft. BMP): —

Gauged by: JFA | Starting Water Level (ft. BMP): 11.99

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 34.95

Total Fluids Purged (gal) | Three Well Volume (gal)

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, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ Peri Pump | Sampling: ~~Disposable Bailer~~ low flow

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

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

Water Level: ~~SOLINST~~ Heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
12:04	40mL	glass	6	N	GHCl ICE	

Date : Time	Purge Characteristics: Cumul Vol. (~~Gallons~~)	Water Quality Data: Field Chemistry Parameters: Temp (F/C)	pH	Conduct-ivity	ORP	Appearance: Color	Turbidity & Sediment	REMARKS
11:49	590 mL	21.41	7.21	0.692	108.7	clear	low	
11:52	420 mL	21.44	7.20	0.697	104.9	clear	low	
11:55	520 mL	21.41	7.20	0.696	103.3	clear	low	
11:58	480 mL	21.48	7.20	0.698	102.0	clear	low	
12:01	470 mL	21.54	7.19	0699	101.7	clear	low	

Water level (ft. BMP) at End of Purge: 11.99

Field Notes:

GROUNDWATER SAMPLING RECORD

Project Number: 17-1379.07 | Project Name: GLI-Oakland | Date 2-22-17

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

Gauged by: JFA | Starting Water Level (ft. BMP): 12.74

Casing Diameter (In ID): 4" ID | Total Depth (ft. BMP): 36.12

Total Fluids Purged (gal) | Three Well Volume (gal) —

Monitor Well Inspection:

Condition of Concrete Pad: good

Condition of Lock, Well Cover and Cap: replaced cap no bolts

Condition of Well: good

QUALITY ASSURANCE

METHODS (describe):

Cleaning Equipment: Alconox soap solution, tap water rinse, de-ionized water rinse

Purging: ~~Disposable Bailer~~ peri-pump | Sampling: Disposable Bailer peripump/dedicated tubing

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

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

Water Level: ~~SOLINST~~ Heron | Thermometer: YSI

pH Meter/ORP: YSI | Filtration: n/a

Conductivity/DO Meter: YSI | Other:

SAMPLE INVENTORY

Bottles Collected				Filtration	Preservation	Remarks
Time	Vol.	Composition (glass, plastic)	Quantity	(Y/N)	(type)	(quality control sample, other)
12:27	40mL	glass	6	N	4HCl 2 ICE	

Date: 2-22-17 Time	Purge Characteristics	Water Quality Data				Appearance		REMARKS
	Cumul Vol. (Gallons)	Field Chemistry Parameters 0.1 3 % 10				Color	Turbidity & Sediment	
		Temp (F/C)	pH	Conduct-ivity	ORP			
12:11	530 mL	16.53	7.46	0.682	230.3	clear	low	
12:14	+ 370 mL	18.40	7.46	0692	231.7	clear	low	
12:17	+ 350 mL	18.20	7.45	0.696	232.8	clear	low	
12:20	+ 360 mL	17.95	7.44	0.697	233.5	clear	low	
12:23	+ 340 mL	17.91	7.45	0.697	234.2	clear	low	

Water level (ft. BMP) at End of Purge: 12.67

Field Notes: