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

Green Star Environmental Report No. 08-1379

Report Prepared For:

Greyhound Lines, Inc.
350 N. St. Paul Street, MS0084
Dallas, Texas 75201

Trent Ripley
Senior Project Manager

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Principal

November 12, 2008

Report Prepared By:

Green Star Environmental
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Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California

I, having reviewed the attached Groundwater Monitoring Event Report, being familiar with the facility to which it relates, and understanding the provisions of the San Francisco Bay Regional Water Quality Control Board Guidelines, do hereby certify that said report, dated November 12, 2008 has been prepared in accordance with the required standards.

11/14/2008

DATE

Hamid Khorzani, P.G.
Vice President / Geologist
CoreProbe International, Inc.
5075 Walnut Grove Avenue
San Gabriel, CA 91776

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

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

Nov. 25 2008
DATE

June Weirich

June Weirich, P.G.
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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 2103 San Pablo Avenue, Oakland, California ("Site"; Fuel Leak Case No. RO0000074 and Geotracker Global ID T0600100666). At the request of Alameda County Environmental Health (ACEH) in their letter dated June 20, 2008, a groundwater monitoring event was conducted at the Site on September 24 and 25, 2008 to confirm groundwater impacts related to the project. This report documents the details related to the groundwater monitoring event.

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 impacts to soil and groundwater of petroleum hydrocarbons is present at the Site. The groundwater gradient at the Site has historically ranged from the northeast to the southeast. Downgradient impacts to groundwater are delineated by wells ES-4, ES-6, and ES-11. Tables 2a and 3a present summaries of groundwater gauging data from the September 2008 event while Tables 2b and 3b present cumulative summaries of groundwater data. A USGS Topographic/Site Location Map is presented as Figure 1. Site details are illustrated in Figure 2.

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

1.2 Geology and Hydrogeology

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

2.0 GROUNDWATER MONITORING AND ANALYSIS

On September 24, 2008, Green Star Environmental representative Mr. David Durst and CoreProbe International, Inc. Professional Geologist (PG) Mr. Hamid Khorzani, arrived onsite to purge and sample wells BC-1, BC-3, ES-1 through ES-7, and ES-11. Historically, 14 monitoring wells have comprised the well network at the Site. In September 2008, each of the wells was located except for well ES-10 which has apparently been covered by the pavement comprising Castro Street. At the request of ACEH, the monitoring well network will be re-surveyed using the NAD 83 (North American Datum, 1983) coordinate system in the near future. This report will utilize elevations provided by previous consultants for discussion purposes.

2.1 Groundwater Level Monitoring

Total depths, depths to groundwater, and the presence of phase-separated hydrocarbons (PSH) were measured in each well using a Keck interface probe on September 24, 2008. Table 2a presents a summary of groundwater gauging data from the September 2008 event while Table 2b presents a cumulative summary of groundwater gauging data. Copies of the groundwater sampling records (GWSRs) documenting the gauging data from the event are presented in Appendix C.

PSH was not detected during gauging activities in September 2008. Arbitrary groundwater elevations in the wells gauged ranged from 78.20 feet in well ES-7 to 80.18 feet in well ES-1. The groundwater gradient on September 24, 2008 is presented as Figure 3. Cumulative graphs of groundwater elevations and PSH thicknesses were reviewed in order to evaluate trends and are presented as Appendix B.

2.2 Groundwater Sample Collection

The wells to be sampled were purged using an electric submersible pump and dedicated, PVC, discharge hose dedicated to each well. Groundwater chemistry parameters (temperature, pH, oxidation-reduction potential (ORP), and specific conductance) were monitored during purging activities in order to confirm that the collected groundwater samples were representative of the aquifer using an YSI 556 groundwater parameter meter; however, the purging process continued until three well volumes had been removed.

Groundwater samples were collected with disposable, polyethylene hand bailers. The wells were allowed to recover for a period of time prior to sampling, but, it should be noted that, significant drawdown related to purging activities was not observed. Volatile organic compound (VOC) discharge tubes were used with the bailers to minimize sample volatilization during sample transfer to laboratory containers. Non-disposable or non-dedicated downhole equipment was decontaminated between each use to prevent cross-contamination with a solution of laboratory grade soap and water followed by a rinse of distilled water.

Groundwater samples were collected on September 24 and 25, 2008. The monitoring event utilized 10 monitor wells (BC-1, BC-3, ES-1 through ES-7, and ES-11). Due to excessive traffic along Castro Street, wells ES-8 and ES-9 were not sampled due to safety concerns, but these wells are anticipated to be utilized in future events. BC-2 was not sampled due to its close proximity to BC-3. Each well was sampled for total petroleum hydrocarbons gasoline, diesel range, and oil (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), ethylene dichloride (EDC), ethylene dibromide (EDB), tertiary butyl alcohol (TBA), and ethanol.

Groundwater samples collected for TPH-d and TPH-o analysis were transferred into laboratory-provided, 1-liter amber glass bottles preserved with hydrochloric acid (HCL). Samples collected for TPH-g, BTEX, naphthalene, MTBE, ETBE, TAME, EDC, EDB, TBA and Ethanol analyses were transferred into laboratory-provided, 40-milliter (mL) glass vials preserved with HCL. The collected groundwater samples were labeled,

packed in ice-cooled chests, and logged on the appropriate chain-of-custody form. A trip blank of distilled water in 40-mL vials were included with the ice chest and transported to the laboratory with the samples.

2.3 Analytical Methodology

Collected groundwater samples were analyzed for TPH-g, TPH-d and TPH-o via EPA Methods 8015 or 8015 modified as well as for BTEX, naphthalene, MTBE, ETBE, TAME, EDC, EDB, TBA and ethanol via EPA Method 8260 at SPL, Inc. in Houston, Texas. 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 hydrocarbon VOCs (naphthalene, MTBE, ETBE, TAME, EDC, EDB, TBA and ethanol). Table 3a presents a summary of groundwater analytical data from the September 2008 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 dissolved-phase BTEX constituents were groundwater samples collected from monitoring wells BC-1, BC-3, ES-1, ES-2, ES-3 and ES-5. Analytical results indicated benzene and xylenes were present in samples from wells BC-1, ES-1, ES-2, ES-3 and ES-5 while toluene and ethylbenzene were present in samples from wells BC-1, BC-3, ES-1, ES-2, ES-3, and ES-5. Benzene ranged from 0.140 mg/L in well ES-1 to 0.970 mg/L in well ES-5. Concentrations of toluene ranged from 0.0006 mg/L in well BC-3 to 0.190 mg/L in well ES-5. Concentrations of ethylbenzene ranged from 0.0006 mg/L in well BC-3 to 0.400 mg/L in well ES-5. Concentrations of xylenes ranged from 0.016 mg/L in well ES-1 to 0.350 mg/L in well ES-5. Dissolved-phase benzene in groundwater is illustrated as Figure 4. No other BTEX constituents were detected above the laboratory detection limits.

2.4.2 TPH Constituents

Analytical results from the groundwater event indicated concentrations of TPH constituents were detected in each well. TPH-g and TPH-d were detected in wells BC-1, ES-2, ES-3, ES-4 and ES-5 while TPH-d was detected only in wells ES-6 and ES-11. Concentrations of TPH-g ranged from 0.069 mg/L in well ES-4 to 12.0 mg/L in well ES-5. Concentrations of TPH-d ranged from 0.028 mg/L in well ES-11 to 2.50 mg/L in well ES-1. TPH-o was detected in wells BC-3 and ES-7 at 1.30 mg/L and 0.150 mg/L, respectively. 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

Miscellaneous petroleum hydrocarbons detected include naphthalene, TAME, DIPE, EDC, EDB and ethanol. Naphthalene was detected in six wells ranging from 0.0005 mg/L in well ES-6 to 0.180 mg/L in well ES-5. TAME was detected in eight wells ranging from 0.00026 mg/L in well BC-1 to 0.0007 mg/L in wells BC-3, ES-4, ES-6, ES-7, and ES-11. DIPE was detected in seven wells ranging

from 0.003 mg/L in well ES-6 to 0.150 mg/L in well ES-5. EDC was detected in four wells ranging from 0.00038 mg/L in well ES-2 to 0.00078 mg/L in well ES-3. EDB was detected only in well BC-1 at 0.00039 mg/L. MTBE, ETBE, TBA and ethanol were not detected above the laboratory detection limits.

2.4.4 Comparison of Analytical Results to Chemicals of Concern

Of the detected constituents, benzene, toluene, naphthalene, EDC and EDB exceeded the Risk Based Screening Level (RBSL) established for each constituent by the City of Oakland. Benzene exceeded its RBSL of 0.001 mg/L in five wells (BC-1, ES-1, ES-2, ES-3 and ES-5). Toluene exceeded its RBSL of 0.150 mg/L in well ES-5. Naphthalene exceeded its RBSL of 0.020 mg/L in two wells (ES-3 and ES-5). EDC exceeded its RBSL of 0.0005 mg/L in two wells (ES-3 and ES-5). EDB exceeded its RBSL of 0.00005 mg/L in well BC-1. As RBSLs have not been established for TPH, California Environmental Protection Agency (Cal/EPA) Environmental Screening Levels (ESLs) were utilized for comparison purposes. TPH-g and TPH-d were detected above their ESL of 0.100 mg/L in five wells (BC-1, ES-1, ES-2, ES-3, and ES-5). No other detected analyte exceeded an established RBSL or ESL, as applicable.

2.5 Equipment Decontamination Procedures

The depth to fluid in each monitor well was measured using a Keck interface probe. The interface probe was cleaned between uses with a solution of Alconox™ soap and distilled water. The probe was then rinsed with distilled water. Single-use polyethylene bailers and clean nylon cord were used to sample each well.

2.6 Field-Derived Waste

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

3.0 SUMMARY AND CONCLUSIONS

This Groundwater Monitoring Report documents the groundwater monitoring activities conducted in September 2008. The following is a summary of the report.

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

- Historically, 14 monitoring wells have comprised the well network at the Site. Each of the wells was located in September 2008 except for well ES-10 which has apparently been covered by the pavement comprising Castro Street. In September 2008, total depths, depths to groundwater, and the presence of PSH were measured in each well using a Keck interface probe. In addition, 10 wells were sampled for BTEX, TPH and miscellaneous petroleum hydrocarbon VOCs.

- PSH was not detected in September 2008. Arbitrary groundwater elevations in the wells gauged ranged from 78.20 feet in well ES-7 to 80.18 feet in well ES-1.

- Analytical results from the groundwater event indicated concentrations of BTEX, TPH-g, TPH-d, TPH-o, naphthalene, TAME, DIPE, EDC, and EDB were detected. BTEX was detected in five wells. TPH and miscellaneous petroleum hydrocarbons were detected in all 10 wells. MTBE, ETBE, TBA, and ethanol were not detected.

  Analytical results indicated that benzene, toluene, naphthalene, EDC and EDB exceeded the RBSL set for each particular constituent while TPH-g and TPH-d were detected above the ESL for each constituent.

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

4.0 QUALIFICATIONS

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

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

LIST OF TABLES

Table 1 - Summary of Related Documents
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379

Reference #	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	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.
5	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 seperator activated carbon aborption 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.
6	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.
7	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 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.

Table 1 - Summary of Related Documents
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379

Reference #	Document Date	Type	Title	Author	Description
8	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 well near the USTs and ES-11.
9	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.
10	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.
11	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 sest-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 withing 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 current use conditions. It was recommended that a NFA status be granted for the site with a deed restriction and Risk Management Plan in place.

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

Table 2a - Summary of Groundwater Level Measurements (September 2008)
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
BC-1	09/24/08	96.16	--	16.68	--	29.55	79.48
BC-2[3]	09/24/08	96.32	--	16.82	--	19.90	na
BC-3[3]	09/24/08	96.20	--	17.01	--	20.11	na
ES-1	09/24/08	96.64	--	16.46	--	30.13	80.18
ES-2	09/24/08	96.44	--	16.96	--	30.19	79.48
ES-3	09/24/08	96.96	--	17.38	--	31.44	79.58
ES-4	09/24/08	95.70	--	16.20	--	29.94	79.50
ES-5	09/24/08	95.85	--	16.49	--	30.06	79.36
ES-6	09/24/08	97.84	--	19.02	--	34.98	78.82
ES-7	09/24/08	96.40	--	18.20	--	31.28	78.20
ES-8	09/24/08	96.64	--	17.35	--	28.94	79.29
ES-9	09/24/08	95.78	--	15.88	--	34.91	79.90
ES-10[4]	09/24/08	95.24	nm	nm	nm	nm	nm
ES-11	09/24/08	95.92	--	16.29	--	35.00	79.63

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

Note: 1) Elevations based on previous consultant's measurements.
2) Surveying of monitoring wells using NAD 83 (North American Datum, 1983) coordinate system will take place in near future to determine elevations.
3) Well casings are not vertical.
4) Monitoring well ES-10 was paved over and inaccesible for gauging.

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
BC-1	07/07/92	96.16	19.55	20.66	1.11	nm	76.40
BC-1	08/04/92	96.16	18.47	20.90	2.43	nm	77.23
BC-1	08/31/92	96.16	18.68	21.02	2.34	nm	77.04
BC-1	10/06/92	96.16	18.82	21.14	2.32	nm	76.90
BC-1	11/06/92	96.16	18.24	20.69	2.45	nm	77.45
BC-1	01/07/93	96.16	19.60	21.76	2.16	nm	76.15
BC-1	04/06/93	96.16	--	18.26	--	nm	77.90
BC-1	07/03/93	96.16	19.05	19.15	0.10	nm	77.09
BC-1	08/04/93	96.16	19.30	19.40	0.10	nm	76.84
BC-1	09/01/93	96.16	19.23	19.32	0.09	nm	76.91
BC-1	10/07/93	96.16	19.25	19.43	0.18	nm	76.88
BC-1	11/02/93	96.16	19.42	19.61	0.19	nm	76.70
BC-1	12/06/93	96.16	19.31	19.53	0.22	nm	76.81
BC-1	01/05/94	96.16	19.25	19.42	0.17	nm	76.88
BC-1	02/02/94	96.16	19.30	19.50	0.20	nm	76.82
BC-1	03/02/94	96.16	18.40	18.60	0.20	nm	77.72
BC-1	04/07/94	96.16	18.10	18.20	0.10	nm	78.04
BC-1	05/05/94	96.16	18.65	18.84	0.19	nm	77.47
BC-1	06/07/94	96.16	18.25	18.52	0.27	nm	77.86
BC-1	07/13/94	96.16	--	18.70	--	nm	77.46
BC-1	08/03/94	96.16	--	18.40	--	nm	77.76
BC-1	09/14/94	96.16	18.72	18.73	0.01	nm	77.44
BC-1	10/06/94	96.16	--	18.58	--	nm	77.58
BC-1	11/02/94	96.16	18.81	18.82	0.01	nm	77.35
BC-1	12/07/94	96.16	17.93	17.94	0.01	nm	78.23
BC-1	01/13/95	96.16	--	18.58	--	nm	77.58
BC-1	02/14/95	96.16	16.76	16.80	0.04	nm	79.39
BC-1	03/07/95	96.16	--	17.08	--	nm	79.08
BC-1	04/11/95	96.16	--	16.55	--	nm	79.61
BC-1	05/09/95	96.16	16.99	17.00	0.01	nm	79.17
BC-1	06/09/95	96.16	17.38	17.39	0.01	nm	78.78
BC-1	07/06/95	96.16	--	17.64	--	nm	78.52
BC-1	08/10/95	96.16	--	17.89	--	nm	78.27
BC-1	09/07/95	96.16	--	17.96	--	nm	78.20
BC-1	10/03/95	96.16	--	18.23	--	nm	77.93
BC-1	10/05/95	96.16	--	18.23	--	nm	77.93
BC-1	11/02/95	96.16	--	18.02	--	nm	78.14
BC-1	12/07/95	96.16	--	18.64	--	nm	77.52
BC-1	01/03/96	96.16	--	18.36	--	nm	77.80
BC-1	02/06/96	96.16	--	17.43	--	nm	78.73
BC-1	03/12/96	96.16	--	16.85	--	nm	79.31
BC-1	05/07/96	96.16	--	17.45	--	nm	78.71
BC-1	06/05/96	96.16	--	17.46	--	nm	78.70
BC-1	09/05/96	96.16	--	18.16	--	nm	78.00
BC-1	10/08/96	96.16	--	18.40	--	nm	77.76
BC-1	11/08/96	96.16	--	18.57	--	nm	77.59
BC-1	12/13/96	96.16	--	18.24	--	nm	77.92
BC-1	01/16/97	96.16	--	17.19	--	nm	78.97
BC-1	02/14/97	96.16	--	16.88	--	nm	79.28
BC-1	03/07/97	96.16	--	17.31	--	nm	78.85
BC-1	04/17/97	96.16	--	17.92	--	nm	78.24
BC-1	07/15/97	96.16	--	18.61	--	nm	77.55
BC-1	10/07/97	96.16	--	18.72	--	nm	77.44
BC-1	09/24/08	96.16	--	16.68	--	29.55	79.48
BC-2[3]	07/07/92	96.32	--	16.89	--	nm	79.43
BC-2[3]	08/04/92	96.32	--	18.46	--	nm	77.86
BC-2[3]	08/31/92	96.32	--	18.89	--	nm	77.43
BC-2[3]	10/06/92	96.32	--	18.50	--	nm	77.82
BC-2[3]	11/06/92	96.32	--	15.98	--	nm	80.34
BC-2[3]	01/07/93	96.32	--	13.50	--	nm	82.82
BC-2[3]	04/06/93	96.32	--	15.20	--	nm	81.12
BC-2[3]	07/03/93	96.32	--	17.75	--	nm	78.57
BC-2[3]	08/04/93	96.32	--	18.10	--	nm	78.22
BC-2[3]	09/01/93	96.32	--	18.48	--	nm	77.84
BC-2[3]	10/07/93	96.32	--	19.02	--	nm	77.30
BC-2[3]	11/02/93	96.32	--	18.76	--	nm	77.56
BC-2[3]	12/06/93	96.32	--	18.87	--	nm	77.45
BC-2[3]	01/05/94	96.32	--	16.76	--	nm	79.56

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
BC-2[3]	02/02/94	96.32	--	16.42	--	nm	79.90
BC-2[3]	05/05/94	96.32	--	17.30	--	nm	79.02
BC-2[3]	06/07/94	96.32	--	17.70	--	nm	78.62
BC-2[3]	07/13/94	96.32	--	17.10	--	nm	79.22
BC-2[3]	08/03/94	96.32	--	18.36	--	nm	77.96
BC-2[3]	09/14/94	96.32	--	17.04	--	nm	79.28
BC-2[3]	01/13/95	96.32	--	12.80	--	nm	83.52
BC-2[3]	02/14/95	96.32	--	15.11	--	nm	81.21
BC-2[3]	03/07/95	96.32	--	16.21	--	nm	80.11
BC-2[3]	04/11/95	96.32	--	15.56	--	nm	80.76
BC-2[3]	05/09/95	96.32	--	15.81	--	nm	80.51
BC-2[3]	06/09/95	96.32	--	16.88	--	nm	79.44
BC-2[3]	07/06/95	96.32	--	16.88	--	nm	79.44
BC-2[3]	08/10/95	96.32	--	17.55	--	nm	78.77
BC-2[3]	09/07/95	96.32	--	18.03	--	nm	78.29
BC-2[3]	10/03/95	96.32	--	18.24	--	nm	78.08
BC-2[3]	10/05/95	96.32	--	18.24	--	nm	78.08
BC-2[3]	11/02/95	96.32	--	18.36	--	nm	77.96
BC-2[3]	01/03/96	96.32	--	17.86	--	nm	78.46
BC-2[3]	02/06/96	96.32	--	16.31	--	nm	80.01
BC-2[3]	03/12/96	96.32	--	16.50	--	nm	79.82
BC-2[3]	04/09/96	96.32	--	16.90	--	nm	79.42
BC-2[3]	05/07/96	96.32	--	17.20	--	nm	79.12
BC-2[3]	06/05/96	96.32	--	17.10	--	nm	79.22
BC-2[3]	07/09/96	96.32	--	17.70	--	nm	78.62
BC-2[3]	10/08/96	96.32	--	18.40	--	nm	77.92
BC-2[3]	11/08/96	96.32	--	18.30	--	nm	78.02
BC-2[3]	12/13/96	96.32	--	16.80	--	nm	79.52
BC-2[3]	01/16/97	96.32	--	16.40	--	nm	79.92
BC-2[3]	02/14/97	96.32	--	16.30	--	nm	80.02
BC-2[3]	03/07/97	96.32	--	17.00	--	nm	79.32
BC-2[3]	04/17/97	96.32	--	17.70	--	nm	78.62
BC-2[3]	07/15/97	96.32	--	18.50	--	nm	77.82
BC-2[3]	10/07/97	96.32	--	18.69	--	nm	77.63
BC-2[3]	09/24/08	96.32	--	16.82	--	19.90	--
BC-3[3]	07/07/92	96.20	--	16.68	--	nm	79.52
BC-3[3]	08/04/92	96.20	--	19.24	--	nm	76.96
BC-3[3]	08/31/92	96.20	--	19.10	--	nm	77.10
BC-3[3]	10/06/92	96.20	--	18.93	--	nm	77.27
BC-3[3]	11/06/92	96.20	--	16.81	--	nm	79.39
BC-3[3]	01/07/93	96.20	--	16.55	--	nm	79.65
BC-3[3]	04/06/93	96.20	--	15.44	--	nm	80.76
BC-3[3]	07/03/93	96.20	--	16.81	--	nm	79.39
BC-3[3]	08/04/93	96.20	--	18.82	--	nm	77.38
BC-3[3]	09/01/93	96.20	--	18.40	--	nm	77.80
BC-3[3]	10/07/93	96.20	--	18.58	--	nm	77.62
BC-3[3]	11/02/93	96.20	--	18.53	--	nm	77.67
BC-3[3]	12/06/93	96.20	--	18.67	--	nm	77.53
BC-3[3]	01/05/94	96.20	--	17.51	--	nm	78.69
BC-3[3]	02/02/94	96.20	--	16.40	--	nm	79.80
BC-3[3]	03/02/94	96.20	--	15.00	--	nm	81.20
BC-3[3]	04/07/94	96.20	--	17.70	--	nm	78.50
BC-3[3]	05/05/94	96.20	--	17.90	--	nm	78.30
BC-3[3]	06/07/94	96.20	--	17.34	--	nm	78.86
BC-3[3]	07/13/94	96.20	--	18.10	--	nm	78.10
BC-3[3]	08/03/94	96.20	--	18.36	--	nm	77.84
BC-3[3]	09/14/94	96.20	--	18.31	--	nm	77.89
BC-3[3]	10/06/94	96.20	--	18.58	--	nm	77.62
BC-3[3]	11/02/94	96.20	--	18.61	--	nm	77.59
BC-3[3]	12/07/94	96.20	--	16.29	--	nm	79.91
BC-3[3]	01/13/95	96.20	--	15.40	--	nm	80.80
BC-3[3]	02/14/95	96.20	--	15.86	--	nm	80.34
BC-3[3]	03/07/95	96.20	--	16.21	--	nm	79.99
BC-3[3]	04/11/95	96.20	--	15.08	--	nm	81.12

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
BC-3[3]	05/09/95	96.20	--	16.92	--	nm	79.28
BC-3[3]	06/09/95	96.20	--	16.90	--	nm	79.30
BC-3[3]	07/06/95	96.20	--	16.87	--	nm	79.33
BC-3[3]	08/10/95	96.20	--	17.54	--	nm	78.66
BC-3[3]	09/07/95	96.20	--	17.80	--	nm	78.40
BC-3[3]	10/03/95	96.20	--	17.95	--	nm	78.25
BC-3[3]	10/05/95	96.20	--	17.95	--	nm	78.25
BC-3[3]	11/02/95	96.20	--	18.33	--	nm	77.87
BC-3[3]	01/03/96	96.20	--	17.55	--	nm	78.65
BC-3[3]	02/06/96	96.20	--	17.15	--	nm	79.05
BC-3[3]	03/12/96	96.20	--	16.50	--	nm	79.70
BC-3[3]	04/09/96	96.20	--	16.60	--	nm	79.60
BC-3[3]	05/07/96	96.20	--	16.90	--	nm	79.30
BC-3[3]	06/05/96	96.20	--	17.00	--	nm	79.20
BC-3[3]	07/09/96	96.20	--	17.40	--	nm	78.80
BC-3[3]	10/08/96	96.20	--	18.10	--	nm	78.10
BC-3[3]	11/08/96	96.20	--	18.20	--	nm	78.00
BC-3[3]	12/13/96	96.20	--	17.60	--	nm	78.60
BC-3[3]	09/24/08	96.20	--	17.01	--	20.11	--
ES-1	01/16/97	96.64	--	16.79	--	nm	79.85
ES-1	02/14/97	96.64	--	16.53	--	nm	80.11
ES-1	03/07/97	96.64	--	17.01	--	nm	79.63
ES-1	04/17/97	96.64	--	18.13	--	nm	78.51
ES-1	07/15/97	96.64	--	18.44	--	nm	78.20
ES-1	10/07/97	96.64	18.36	18.37	0.01	nm	78.28
ES-1	09/24/08	96.64	--	16.46	--	30.13	80.18
ES-2	06/16/92	96.44	18.63	18.64	0.01	nm	77.81
ES-2	07/07/92	96.44	--	19.62	--	nm	76.82
ES-2	08/04/92	96.44	19.17	19.76	0.59	nm	77.16
ES-2	08/31/92	96.44	19.29	19.90	0.61	nm	77.03
ES-2	10/06/92	96.44	19.41	20.00	0.59	nm	76.92
ES-2	11/06/92	96.44	18.84	19.44	0.60	nm	77.49
ES-2	01/07/93	96.44	20.05	20.40	0.35	nm	76.32
ES-2	04/06/93	96.44	18.20	18.31	0.11	nm	78.22
ES-2	07/03/93	96.44	19.31	19.32	0.01	nm	77.13
ES-2	08/04/93	96.44	19.15	19.18	0.03	nm	77.28
ES-2	09/01/93	96.44	19.50	19.59	0.09	nm	76.92
ES-2	10/07/93	96.44	19.57	19.60	0.03	nm	76.86
ES-2	11/02/93	96.44	19.60	19.61	0.01	nm	76.84
ES-2	12/06/93	96.44	19.71	19.74	0.03	nm	76.72
ES-2	01/05/94	96.44	19.57	19.61	0.04	nm	76.86
ES-2	02/02/94	96.44	19.20	19.25	0.05	nm	77.23
ES-2	03/02/94	96.44	19.00	19.50	0.50	nm	77.35
ES-2	04/07/94	96.44	19.10	19.19	0.09	nm	77.32
ES-2	05/05/94	96.44	18.77	18.79	0.02	nm	77.67
ES-2	06/07/94	96.44	--	18.61	--	nm	77.83
ES-2	07/13/94	96.44	--	18.78	--	nm	77.66
ES-2	08/03/94	96.44	--	18.72	--	nm	77.72
ES-2	09/14/94	96.44	19.10	19.14	0.04	nm	77.33
ES-2	10/06/94	96.44	--	18.86	--	nm	77.58
ES-2	11/02/94	96.44	18.97	19.91	0.94	nm	77.29
ES-2	12/07/94	96.44	--	18.14	--	nm	78.30
ES-2	01/13/95	96.44	--	18.86	--	nm	77.58
ES-2	02/14/95	96.44	--	16.92	--	nm	79.52
ES-2	03/07/95	96.44	--	17.25	--	nm	79.19
ES-2	04/11/95	96.44	--	16.71	--	nm	79.73
ES-2	05/09/95	96.44	--	17.15	--	nm	79.29
ES-2	06/09/95	96.44	17.60	17.61	0.01	nm	78.84
ES-2	07/06/95	96.44	17.78	17.79	0.01	nm	78.66
ES-2	08/10/95	96.44	18.09	18.10	0.01	nm	78.35
ES-2	09/07/95	96.44	--	18.29	--	nm	78.15
ES-2	10/03/95	96.44	18.45	18.48	0.03	nm	77.98
ES-2	10/05/95	96.44	18.45	18.48	0.03	nm	77.98
ES-2	11/02/95	96.44	18.62	18.65	0.03	nm	77.81
ES-2	12/07/95	96.44	18.85	18.90	0.05	nm	77.58
ES-2	01/03/96	96.44	18.54	18.55	0.01	nm	77.90
ES-2	02/06/96	96.44	--	17.60	--	nm	78.84
ES-2	03/12/96	96.44	--	17.08	--	nm	79.36
ES-2	04/09/96	96.44	--	17.18	--	nm	79.26

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-2	05/07/96	96.44	--	17.66	--	nm	78.78
ES-2	06/05/96	96.44	--	17.66	--	nm	78.78
ES-2	07/09/96	96.44	--	18.02	--	nm	78.42
ES-2	09/05/96	96.44	--	18.39	--	nm	78.05
ES-2	10/08/96	96.44	--	18.61	--	nm	77.83
ES-2	11/08/96	96.44	--	18.78	--	nm	77.66
ES-2	12/13/96	96.44	--	18.43	--	nm	78.01
ES-2	01/16/97	96.44	--	17.57	--	nm	78.87
ES-2	02/14/97	96.44	--	17.08	--	nm	79.36
ES-2	03/07/97	96.44	--	17.56	--	nm	78.88
ES-2	04/17/97	96.44	--	18.11	--	nm	78.33
ES-2	07/15/97	96.44	--	18.97	--	nm	77.47
ES-2	10/07/97	96.44	--	18.87	--	nm	77.57
ES-2	09/24/08	96.44	--	16.96	--	30.19	79.48
ES-3	06/16/92	96.96	--	19.41	--	nm	77.55
ES-3	07/07/92	96.96	--	19.52	--	nm	77.44
ES-3	08/04/92	96.96	--	19.68	--	nm	77.28
ES-3	08/31/92	96.96	--	19.80	--	nm	77.16
ES-3	10/06/92	96.96	--	19.96	--	nm	77.00
ES-3	11/06/92	96.96	18.84	19.84	1.00	nm	77.93
ES-3	01/07/93	96.96	--	19.20	--	nm	77.76
ES-3	04/06/93	96.96	--	15.92	--	nm	81.04
ES-3	07/03/93	96.96	--	18.12	--	nm	78.84
ES-3	08/04/93	96.96	--	19.18	--	nm	77.78
ES-3	09/01/93	96.96	--	19.36	--	nm	77.60
ES-3	10/07/93	96.96	--	19.62	--	nm	77.34
ES-3	11/02/93	96.96	--	19.70	--	nm	77.26
ES-3	12/06/93	96.96	--	19.68	--	nm	77.28
ES-3	01/05/94	96.96	--	19.52	--	nm	77.44
ES-3	02/02/94	96.96	--	19.30	--	nm	77.66
ES-3	03/02/94	96.96	--	18.68	--	nm	78.28
ES-3	04/07/94	96.96	--	19.00	--	nm	77.96
ES-3	05/05/94	96.96	--	18.78	--	nm	78.18
ES-3	06/07/94	96.96	--	18.90	--	nm	78.06
ES-3	07/13/94	96.96	--	18.71	--	nm	78.25
ES-3	08/03/94	96.96	--	19.03	--	nm	77.93
ES-3	09/14/94	96.96	--	19.84	--	nm	77.12
ES-3	10/06/94	96.96	--	19.24	--	nm	77.72
ES-3	11/02/94	96.96	--	19.37	--	nm	77.59
ES-3	12/07/94	96.96	--	18.44	--	nm	78.52
ES-3	01/13/95	96.96	--	17.35	--	nm	79.61
ES-3	02/14/95	96.96	--	17.22	--	nm	79.74
ES-3	03/07/95	96.96	--	17.52	--	nm	79.44
ES-3	04/11/95	96.96	--	16.95	--	nm	80.01
ES-3	05/09/95	96.96	17.34	17.39	0.05	nm	79.61
ES-3	06/09/95	96.96	--	17.87	--	nm	79.09
ES-3	07/06/95	96.96	--	18.07	--	nm	78.89
ES-3	08/10/95	96.96	--	18.40	--	nm	78.56
ES-3	09/07/95	96.96	--	18.59	--	nm	78.37
ES-3	10/03/95	96.96	--	18.76	--	nm	78.20
ES-3	10/05/95	96.96	--	18.76	--	nm	78.20
ES-3	11/02/95	96.96	--	18.96	--	nm	78.00
ES-3	12/07/95	96.96	--	19.19	--	nm	77.77
ES-3	01/03/96	96.96	--	17.55	--	nm	79.41
ES-3	02/06/96	96.96	--	17.86	--	nm	79.10
ES-3	03/12/96	96.96	--	17.35	--	nm	79.61
ES-3	04/09/96	96.96	--	17.65	--	nm	79.31
ES-3	05/07/96	96.96	--	17.94	--	nm	79.02
ES-3	06/05/96	96.96	--	17.94	--	nm	79.02
ES-3	07/09/96	96.96	--	18.33	--	nm	78.63
ES-3	09/05/96	96.96	--	18.63	--	nm	78.33
ES-3	10/08/96	96.96	--	18.98	--	nm	77.98
ES-3	11/08/96	96.96	--	19.16	--	nm	77.80
ES-3	12/13/96	96.96	--	18.81	--	nm	78.15
ES-3	01/16/97	96.96	--	17.72	--	nm	79.24
ES-3	02/14/97	96.96	--	17.47	--	nm	79.49
ES-3	03/07/97	96.96	--	17.90	--	nm	79.06
ES-3	04/17/97	96.96	--	18.42	--	nm	78.54
ES-3	07/15/97	96.96	--	19.01	--	nm	77.95
ES-3	10/07/97	96.96	--	19.18	--	nm	77.78
ES-3	09/24/08	96.96	--	17.38	--	31.44	79.58

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-4	06/16/92	95.70	18.63	18.98	0.35	nm	77.00
ES-4	07/07/92	95.70	--	18.51	--	nm	77.19
ES-4	08/04/92	95.70	--	18.66	--	nm	77.04
ES-4	08/31/92	95.70	--	18.79	--	nm	76.91
ES-4	10/06/92	95.70	--	18.92	--	nm	76.78
ES-4	11/06/92	95.70	--	18.94	--	nm	76.76
ES-4	01/07/93	95.70	--	18.76	--	nm	76.94
ES-4	04/06/93	95.70	--	17.26	--	nm	78.44
ES-4	07/03/93	95.70	--	18.08	--	nm	77.62
ES-4	08/04/93	95.70	--	18.16	--	nm	77.54
ES-4	09/01/93	95.70	--	18.46	--	nm	77.24
ES-4	10/07/93	95.70	--	18.62	--	nm	77.08
ES-4	11/02/93	95.70	--	18.74	--	nm	76.96
ES-4	12/06/93	95.70	--	18.72	--	nm	76.98
ES-4	01/05/94	95.70	--	18.55	--	nm	77.15
ES-4	02/02/94	95.70	--	18.42	--	nm	77.28
ES-4	03/02/94	95.70	--	17.86	--	nm	77.84
ES-4	04/07/94	95.70	--	18.80	--	nm	76.90
ES-4	05/05/94	95.70	--	17.86	--	nm	77.84
ES-4	06/07/94	95.70	--	17.94	--	nm	77.76
ES-4	07/13/94	95.70	--	18.13	--	nm	77.57
ES-4	08/03/94	95.70	--	17.94	--	nm	77.76
ES-4	09/14/94	95.70	--	18.18	--	nm	77.52
ES-4	10/06/94	95.70	--	18.25	--	nm	77.45
ES-4	11/02/94	95.70	--	18.35	--	nm	77.35
ES-4	12/07/94	95.70	--	17.56	--	nm	78.14
ES-4	01/13/95	95.70	--	16.77	--	nm	78.93
ES-4	02/14/95	95.70	--	16.37	--	nm	79.33
ES-4	03/07/95	95.70	--	16.66	--	nm	79.04
ES-4	04/11/95	95.70	--	16.14	--	nm	79.56
ES-4	05/09/95	95.70	--	16.57	--	nm	79.13
ES-4	06/09/95	95.70	--	17.02	--	nm	78.68
ES-4	07/06/95	95.70	--	17.19	--	nm	78.51
ES-4	08/10/95	95.70	--	17.84	--	nm	77.86
ES-4	09/07/95	95.70	--	17.68	--	nm	78.02
ES-4	10/03/95	95.70	--	17.84	--	nm	77.86
ES-4	10/05/95	95.70	--	17.84	--	nm	77.86
ES-4	11/02/95	95.70	--	18.02	--	nm	77.68
ES-4	12/07/95	95.70	--	18.23	--	nm	77.47
ES-4	01/03/96	95.70	--	17.87	--	nm	77.83
ES-4	02/06/96	95.70	--	17.02	--	nm	78.68
ES-4	03/12/96	95.70	--	16.54	--	nm	79.16
ES-4	04/09/96	95.70	--	16.76	--	nm	78.94
ES-4	05/07/96	95.70	--	16.17	--	nm	79.53
ES-4	06/05/96	95.70	--	17.05	--	nm	78.65
ES-4	07/09/96	95.70	--	17.37	--	nm	78.33
ES-4	09/05/96	95.70	--	17.74	--	nm	77.96
ES-4	10/08/96	95.70	--	17.97	--	nm	77.73
ES-4	11/08/96	95.70	--	18.13	--	nm	77.57
ES-4	12/13/96	95.70	--	17.83	--	nm	77.87
ES-4	01/16/97	95.70	--	16.92	--	nm	78.78
ES-4	02/14/97	95.70	--	16.56	--	nm	79.14
ES-4	03/07/97	95.70	--	16.95	--	nm	78.75
ES-4	04/17/97	95.70	--	17.45	--	nm	78.25
ES-4	07/15/97	95.70	--	18.05	--	nm	77.65
ES-4	10/07/97	95.70	--	18.23	--	nm	77.47
ES-4	09/24/08	95.70	--	16.20	--	29.94	79.50
ES-5	06/16/92	95.85	18.40	20.40	2.00	nm	77.07
ES-5	07/07/92	95.85	--	20.23	--	nm	75.62
ES-5	08/04/92	95.85	18.16	20.43	2.27	nm	77.26
ES-5	08/31/92	95.85	18.24	20.80	2.56	nm	77.12
ES-5	10/06/92	95.85	18.24	21.37	3.13	nm	77.02
ES-5	11/06/92	95.85	17.60	20.92	3.32	nm	77.62
ES-5	01/05/93	95.85	18.42	19.75	1.33	nm	77.18
ES-5	01/07/93	95.85	19.35	22.00	2.65	nm	76.00
ES-5	04/06/93	95.85	--	17.28	--	nm	78.57
ES-5	07/03/93	95.85	--	19.50	--	nm	76.35
ES-5	08/04/93	95.85	--	18.61	--	nm	77.24
ES-5	09/01/93	95.85	18.79	18.80	0.01	nm	77.06
ES-5	10/07/93	95.85	18.65	19.33	0.68	nm	77.07

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-5	11/02/93	95.85	18.91	19.45	0.54	nm	76.84
ES-5	12/06/93	95.85	18.78	19.25	0.47	nm	76.98
ES-5	02/02/94	95.85	18.18	19.98	1.80	nm	77.33
ES-5	03/02/94	95.85	18.07	18.30	0.23	nm	77.74
ES-5	04/07/94	95.85	18.37	18.38	0.01	nm	77.48
ES-5	05/05/94	95.85	18.24	18.26	0.02	nm	77.61
ES-5	06/07/94	95.85	18.26	18.27	0.01	nm	77.59
ES-5	07/13/94	95.85	--	18.30	--	nm	77.55
ES-5	08/03/94	95.85	--	17.90	--	nm	77.95
ES-5	09/14/94	95.85	18.41	18.42	0.01	nm	77.44
ES-5	10/06/94	95.85	--	18.23	--	nm	77.62
ES-5	11/02/94	95.85	--	18.47	--	nm	77.38
ES-5	12/07/94	95.85	--	17.45	--	nm	78.40
ES-5	01/13/95	95.85	--	18.23	--	nm	77.62
ES-5	02/14/95	95.85	--	16.45	--	nm	79.40
ES-5	03/07/95	95.85	--	16.53	--	nm	79.32
ES-5	04/11/95	95.85	--	16.00	--	nm	79.85
ES-5	05/09/95	95.85	--	16.45	--	nm	79.40
ES-5	06/09/95	95.85	--	16.90	--	nm	78.95
ES-5	07/06/95	95.85	--	17.09	--	nm	78.76
ES-5	08/10/95	95.85	--	17.44	--	nm	78.41
ES-5	09/07/95	95.85	--	17.61	--	nm	78.24
ES-5	10/03/95	95.85	--	18.74	--	nm	77.11
ES-5	10/05/95	95.85	--	18.74	--	nm	77.11
ES-5	11/02/95	95.85	--	17.98	--	nm	77.87
ES-5	12/07/95	95.85	18.21	18.22	0.01	nm	77.64
ES-5	01/03/96	95.85	--	17.89	--	nm	77.96
ES-5	02/06/96	95.85	--	16.76	--	nm	79.09
ES-5	03/12/96	95.85	--	16.36	--	nm	79.49
ES-5	04/09/96	95.85	--	16.70	--	nm	79.15
ES-5	05/07/96	95.85	--	16.95	--	nm	78.90
ES-5	06/05/96	95.85	--	16.95	--	nm	78.90
ES-5	07/09/96	95.85	--	17.34	--	nm	78.51
ES-5	01/16/97	95.85	--	16.68	--	nm	79.17
ES-5	02/14/97	95.85	--	16.43	--	nm	79.42
ES-5	03/07/97	95.85	--	16.90	--	nm	78.95
ES-5	04/17/97	95.85	--	17.41	--	nm	78.44
ES-5	07/15/97	95.85	--	18.29	--	nm	77.56
ES-5	10/07/97	95.85	--	18.48	--	nm	77.37
ES-5	0924/08	95.85	--	16.49	--	30.06	79.36
ES-6	01/05/93	97.84	--	21.76	--	nm	76.08
ES-6	09/01/93	97.84	--	21.94	--	nm	75.90
ES-6	10/07/93	97.84	--	21.81	--	nm	76.03
ES-6	11/02/93	97.84	--	21.91	--	nm	75.93
ES-6	12/06/93	97.84	--	21.90	--	nm	75.94
ES-6	02/02/94	97.84	--	21.74	--	nm	76.10
ES-6	03/02/94	97.84	--	21.10	--	nm	76.74
ES-6	04/07/94	97.84	--	21.30	--	nm	76.54
ES-6	05/05/94	97.84	--	21.16	--	nm	76.68
ES-6	06/07/94	97.84	--	21.02	--	nm	76.82
ES-6	07/13/94	97.84	--	21.40	--	nm	76.44
ES-6	08/03/94	97.84	--	21.58	--	nm	76.26
ES-6	09/14/94	97.84	--	21.52	--	nm	76.32
ES-6	10/06/94	97.84	--	21.58	--	nm	76.26
ES-6	11/02/94	97.84	--	21.64	--	nm	76.20
ES-6	12/07/94	97.84	--	20.94	--	nm	76.90
ES-6	01/13/95	97.84	--	20.25	--	nm	77.59
ES-6	02/14/95	97.84	--	19.82	--	nm	78.02
ES-6	03/07/95	97.84	--	20.06	--	nm	77.78
ES-6	04/11/95	97.84	--	19.56	--	nm	78.28
ES-6	05/09/95	97.84	nd[5]	nd[5]	nd[5]	nm	nd[5]
ES-6	06/09/95	97.84	--	20.37	--	nm	77.47
ES-6	07/06/95	97.84	--	20.55	--	nm	77.29
ES-6	08/10/95	97.84	--	20.81	--	nm	77.03
ES-6	09/07/95	97.84	--	20.94	--	nm	76.90
ES-6	10/03/95	97.84	--	21.14	--	nm	76.70
ES-6	10/05/95	97.84	--	21.14	--	nm	76.70
ES-6	11/02/95	97.84	--	21.31	--	nm	76.53
ES-6	12/07/95	97.84	--	21.48	--	nm	76.36
ES-6	01/03/96	97.84	--	21.24	--	nm	76.60
ES-6	02/06/96	97.84	--	20.52	--	nm	77.32
ES-6	03/12/96	97.84	--	19.85	--	nm	77.99

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-6	04/09/96	97.84	--	20.14	--	nm	77.70
ES-6	05/07/96	97.84	--	20.42	--	nm	77.42
ES-6	06/05/96	97.84	--	20.41	--	nm	77.43
ES-6	07/09/96	97.84	--	20.74	--	nm	77.10
ES-6	10/08/96	97.84	--	21.23	--	nm	76.61
ES-6	11/08/96	97.84	--	21.44	--	nm	76.40
ES-6	12/13/96	97.84	--	21.19	--	nm	76.65
ES-6	01/16/97	97.84	--	20.15	--	nm	77.69
ES-6	02/14/97	97.84	--	19.92	--	nm	77.92
ES-6	03/07/97	97.84	--	20.31	--	nm	77.53
ES-6	04/17/97	97.84	--	20.78	--	nm	77.06
ES-6	07/15/97	97.84	--	21.32	--	nm	76.52
ES-6	10/07/97	97.84	--	21.48	--	nm	76.36
ES-6	09/24/08	97.84	--	19.02	--	34.98	78.82
ES-7	01/05/93	96.40	--	19.90	--	nm	76.50
ES-7	09/01/93	96.40	--	19.71	--	nm	76.69
ES-7	10/07/93	96.40	--	19.99	--	nm	76.41
ES-7	11/02/93	96.40	--	20.12	--	nm	76.28
ES-7	12/06/93	96.40	--	20.15	--	nm	76.25
ES-7	02/02/94	96.40	--	19.79	--	nm	76.61
ES-7	03/02/94	96.40	--	19.14	--	nm	77.26
ES-7	04/07/94	96.40	--	19.44	--	nm	76.96
ES-7	05/05/94	96.40	--	19.30	--	nm	77.10
ES-7	06/07/94	96.40	--	19.33	--	nm	77.07
ES-7	07/13/94	96.40	--	19.11	--	nm	77.29
ES-7	08/03/94	96.40	--	19.40	--	nm	77.00
ES-7	09/14/94	96.40	--	19.64	--	nm	76.76
ES-7	10/06/94	96.40	--	19.73	--	nm	76.67
ES-7	11/02/94	96.40	--	19.79	--	nm	76.61
ES-7	12/07/94	96.40	--	19.89	--	nm	76.51
ES-7	01/13/95	96.40	--	18.11	--	nm	78.29
ES-7	02/14/95	96.40	--	17.63	--	nm	78.77
ES-7	03/07/95	96.40	--	17.92	--	nm	78.48
ES-7	04/11/95	96.40	--	17.35	--	nm	79.05
ES-7	05/09/95	96.40	--	17.79	--	nm	78.61
ES-7	06/09/95	96.40	--	18.29	--	nm	78.11
ES-7	07/06/95	96.40	--	18.46	--	nm	77.94
ES-7	08/10/95	96.40	--	18.77	--	nm	77.63
ES-7	09/07/95	96.40	--	18.98	--	nm	77.42
ES-7	10/03/95	96.40	--	19.15	--	nm	77.25
ES-7	10/05/95	96.40	--	19.15	--	nm	77.25
ES-7	11/02/95	96.40	--	19.36	--	nm	77.04
ES-7	12/07/95	96.40	--	19.57	--	nm	76.83
ES-7	01/03/96	96.40	--	19.29	--	nm	77.11
ES-7	02/06/96	96.40	--	18.41	--	nm	77.99
ES-7	03/12/96	96.40	--	17.76	--	nm	78.64
ES-7	04/09/96	96.40	--	18.05	--	nm	78.35
ES-7	05/07/96	96.40	--	18.36	--	nm	78.04
ES-7	06/05/96	96.40	--	18.36	--	nm	78.04
ES-7	07/09/96	96.40	--	18.72	--	nm	77.68
ES-7	09/05/96	96.40	--	19.12	--	nm	77.28
ES-7	10/08/96	96.40	--	19.37	--	nm	77.03
ES-7	11/08/96	96.40	--	19.56	--	nm	76.84
ES-7	12/13/96	96.40	--	19.28	--	nm	77.12
ES-7	01/16/97	96.40	--	18.19	--	nm	78.21
ES-7	02/14/97	96.40	--	17.88	--	nm	78.52
ES-7	03/07/97	96.40	--	18.30	--	nm	78.10
ES-7	04/17/97	96.40	--	18.81	--	nm	77.59
ES-7	09/24/08	96.40	--	18.20	--	31.28	78.20
ES-8	09/01/93	96.64	--	18.88	--	nm	77.76
ES-8	10/07/93	96.64	--	19.13	--	nm	77.51
ES-8	11/02/93	96.64	--	19.26	--	nm	77.38
ES-8	12/06/93	96.64	--	19.24	--	nm	77.40
ES-8	01/05/94	96.64	--	19.10	--	nm	77.54
ES-8	02/02/94	96.64	--	19.08	--	nm	77.56
ES-8	03/02/94	96.64	--	18.28	--	nm	78.36
ES-8	04/07/94	96.64	--	18.44	--	nm	78.20
ES-8	05/05/94	96.64	--	18.26	--	nm	78.38
ES-8	06/07/94	96.64	--	18.32	--	nm	78.32
ES-8	07/13/94	96.64	--	18.50	--	nm	78.14

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-8	08/03/94	96.64	--	18.42	--	nm	78.22
ES-8	09/14/94	96.64	--	18.50	--	nm	78.14
ES-8	10/06/94	96.64	--	18.76	--	nm	77.88
ES-8	11/02/94	96.64	--	18.76	--	nm	77.88
ES-8	12/07/94	96.64	--	18.00	--	nm	78.64
ES-8	01/13/95	96.64	--	16.83	--	nm	79.81
ES-8	02/14/95	96.64	--	16.67	--	nm	79.97
ES-8	03/07/95	96.64	--	16.99	--	nm	79.65
ES-8	04/11/95	96.64	--	16.41	--	nm	80.23
ES-8	05/09/95	96.64	--	16.92	--	nm	79.72
ES-8	06/09/95	96.64	--	17.35	--	nm	79.29
ES-8	07/06/95	96.64	--	17.56	--	nm	79.08
ES-8	08/10/95	96.64	--	17.89	--	nm	78.75
ES-8	09/07/95	96.64	--	18.09	--	nm	78.55
ES-8	10/03/95	96.64	--	18.27	--	nm	78.37
ES-8	10/05/95	96.64	--	18.27	--	nm	78.37
ES-8	11/02/95	96.64	--	18.51	--	nm	78.13
ES-8	12/07/95	96.64	--	18.72	--	nm	77.92
ES-8	01/03/96	96.64	--	18.36	--	nm	78.28
ES-8	02/06/96	96.64	--	17.07	--	nm	79.57
ES-8	03/12/96	96.64	--	16.79	--	nm	79.85
ES-8	04/09/96	96.64	--	17.10	--	nm	79.54
ES-8	05/07/96	96.64	--	17.34	--	nm	79.30
ES-8	06/05/96	96.64	--	17.36	--	nm	79.28
ES-8	07/09/96	96.64	--	17.71	--	nm	78.93
ES-8	09/05/96	96.64	--	18.13	--	nm	78.51
ES-8	10/08/96	96.64	--	18.44	--	nm	78.20
ES-8	11/08/96	96.64	--	18.61	--	nm	78.03
ES-8	12/13/96	96.64	--	18.32	--	nm	78.32
ES-8	01/16/97	96.64	--	17.22	--	nm	79.42
ES-8	02/14/97	96.64	--	16.94	--	nm	79.70
ES-8	03/07/97	96.64	--	17.36	--	nm	79.28
ES-8	09/24/08	96.64	--	17.35	--	28.94	79.29
ES-9	09/01/93	95.78	--	19.74	--	nm	76.04
ES-9	10/07/93	95.78	--	17.90	--	nm	77.88
ES-9	12/06/93	95.78	--	18.00	--	nm	77.78
ES-9	01/05/94	95.78	--	17.80	--	nm	77.98
ES-9	02/02/94	95.78	--	17.02	--	nm	78.76
ES-9	03/02/94	95.78	--	17.12	--	nm	78.66
ES-9	04/07/94	95.78	--	17.24	--	nm	78.54
ES-9	05/05/94	95.78	--	17.04	--	nm	78.74
ES-9	06/07/94	95.78	--	17.06	--	nm	78.72
ES-9	07/13/94	95.78	--	17.40	--	nm	78.38
ES-9	08/03/94	95.78	--	17.10	--	nm	78.68
ES-9	09/14/94	95.78	--	17.09	--	nm	78.69
ES-9	10/06/94	95.78	--	17.46	--	nm	78.32
ES-9	11/02/94	95.78	--	17.55	--	nm	78.23
ES-9	12/07/94	95.78	--	16.79	--	nm	78.99
ES-9	01/13/95	95.78	--	15.80	--	nm	79.98
ES-9	02/14/95	95.78	--	15.49	--	nm	80.29
ES-9	03/07/95	95.78	--	15.79	--	nm	79.99
ES-9	04/11/95	95.78	--	15.23	--	nm	80.55
ES-9	05/09/95	95.78	--	15.72	--	nm	80.06
ES-9	06/09/95	95.78	--	16.13	--	nm	79.65
ES-9	07/06/95	95.78	--	16.34	--	nm	79.44
ES-9	08/10/95	95.78	--	16.67	--	nm	79.11
ES-9	09/07/95	95.78	--	16.87	--	nm	78.91
ES-9	10/03/95	95.78	--	17.09	--	nm	78.69
ES-9	10/05/95	95.78	--	17.09	--	nm	78.69
ES-9	11/02/95	95.78	--	17.30	--	nm	78.48
ES-9	12/07/95	95.78	--	17.48	--	nm	78.30
ES-9	01/03/96	95.78	--	17.12	--	nm	78.66
ES-9	02/06/96	95.78	--	16.00	--	nm	79.78
ES-9	03/12/96	95.78	--	15.63	--	nm	80.15
ES-9	04/09/96	95.78	--	15.92	--	nm	79.86
ES-9	05/07/96	95.78	--	16.17	--	nm	79.61
ES-9	06/05/96	95.78	--	16.19	--	nm	79.59
ES-9	07/09/96	95.78	--	16.52	--	nm	79.26

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-9	09/05/96	95.78	--	16.92	--	nm	78.86
ES-9	10/08/96	95.78	--	17.19	--	nm	78.59
ES-9	11/08/96	95.78	--	17.37	--	nm	78.41
ES-9	12/13/96	95.78	--	17.09	--	nm	78.69
ES-9	01/16/97	95.78	--	15.99	--	nm	79.79
ES-9	02/14/97	95.78	--	15.71	--	nm	80.07
ES-9	03/07/97	95.78	--	16.12	--	nm	79.66
ES-9	04/17/97	95.78	--	16.66	--	nm	79.12
ES-9	09/24/08	95.78	--	15.88	--	34.91	79.90
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[4]	09/24/08	95.24	nm	nm	nm	nm	nm

Table 2b - Cumulative Summary of Groundwater Level Measurements
Greyhound Lines, Inc.
2103 San Pablo Ave.
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Well No.	Date	Arbitrary Elevation to Top of Casing (feet)[1,2]	Depth to Phase-Separated Liquid (feet BMP)	Depth to Water (feet BMP)	Product Thickness (feet)	Depth to Bottom (feet BMP)	Arbitrary Groundwater Elevation (feet)
ES-11	09/01/93	95.92	--	18.74	--	nm	77.18
ES-11	10/07/93	95.92	--	18.90	--	nm	77.02
ES-11	11/02/93	95.92	--	19.00	--	nm	76.92
ES-11	12/06/93	95.92	--	19.02	--	nm	76.90
ES-11	01/05/94	95.92	--	18.86	--	nm	77.06
ES-11	02/02/94	95.92	--	18.74	--	nm	77.18
ES-11	03/02/94	95.92	--	18.14	--	nm	77.78
ES-11	04/07/94	95.92	--	18.38	--	nm	77.54
ES-11	05/05/94	95.92	--	18.15	--	nm	77.77
ES-11	06/07/94	95.92	--	18.28	--	nm	77.64
ES-11	07/13/94	95.92	--	18.60	--	nm	77.32
ES-11	08/03/94	95.92	--	18.18	--	nm	77.74
ES-11	09/14/94	95.92	--	18.47	--	nm	77.45
ES-11	10/06/94	95.92	--	18.55	--	nm	77.37
ES-11	11/02/94	95.92	--	18.64	--	nm	77.28
ES-11	12/07/94	95.92	--	17.49	--	nm	78.43
ES-11	01/13/95	95.92	--	17.16	--	nm	78.76
ES-11	02/14/95	95.92	--	16.76	--	nm	79.16
ES-11	03/07/95	95.92	--	17.04	--	nm	78.88
ES-11	04/11/95	95.92	--	16.54	--	nm	79.38
ES-11	05/09/95	95.92	--	16.95	--	nm	78.97
ES-11	06/09/95	95.92	--	17.34	--	nm	78.58
ES-11	07/06/95	95.92	--	17.54	--	nm	78.38
ES-11	08/10/95	95.92	--	17.85	--	nm	78.07
ES-11	09/07/95	95.92	--	18.03	--	nm	77.89
ES-11	10/03/95	95.92	--	18.20	--	nm	77.72
ES-11	10/05/95	95.92	--	18.20	--	nm	77.72
ES-11	11/02/95	95.92	--	18.38	--	nm	77.54
ES-11	12/07/95	95.92	--	18.59	--	nm	77.33
ES-11	01/03/96	95.92	--	18.21	--	nm	77.71
ES-11	02/06/96	95.92	--	17.45	--	nm	78.47
ES-11	03/12/96	95.92	--	16.83	--	nm	79.09
ES-11	04/09/96	95.92	--	17.13	--	nm	78.79
ES-11	05/07/96	95.92	--	17.42	--	nm	78.50
ES-11	06/05/96	95.92	--	17.42	--	nm	78.50
ES-11	07/09/96	95.92	--	17.71	--	nm	78.21
ES-11	09/05/96	95.92	--	18.07	--	nm	77.85
ES-11	10/08/96	95.92	--	18.29	--	nm	77.63
ES-11	11/08/96	95.92	--	18.45	--	nm	77.47
ES-11	12/13/96	95.92	--	18.09	--	nm	77.83
ES-11	01/16/97	95.92	--	17.10	--	nm	78.82
ES-11	02/14/97	95.92	--	16.90	--	nm	79.02
ES-11	03/07/97	95.92	--	17.30	--	nm	78.62
ES-11	04/17/97	95.92	--	17.80	--	nm	78.12
ES-11	09/24/08	95.92	--	16.29	--	35.00	79.63

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

Note: 1) Elevations based on previous consultant's measurements.
2) Surveying of monitoring wells using NAD 83 (North American Datum, 1983) coordinate system will take place in near future to determine elevations.
3) Well casings are not vertical.
4) Monitoring well ES-10 was paved over and inaccesible for guaging.
5) Data not entered due to apparent typographical error in previous consultant's findings.

Table 3a - Summary of Groundwater Analytical Results (September 2008)
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-g	TPH-d	TPH-o
BC-1	09/25/08	**0.220**	**0.022**	**0.032**	**0.038**	**0.312**	**0.016**	<0.00031	<0.00014	**0.00026 J**	**0.082**	<0.00024	**0.00039 J**	<0.006	<0.074	**3.70**	**2.00**	<0.290
BC-2	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
BC-3	09/25/08	<0.0004	**0.0006 J**	**0.0006 J**	<0.0003	**0.001**	<0.0003	<0.00031	<0.00014	**0.0007 J**	<0.00036	<0.00024	<0.00031	<0.006	<0.074	<0.084	<0.021	**1.30**
ES-1	09/25/08	**0.140**	**0.009**	**0.014**	**0.016**	**0.179**	**0.011**	<0.00031	<0.00014	<0.00026	**0.130**	**0.00049 J**	<0.00031	<0.006	<0.074	**2.90**	**2.50**	<0.290
ES-2	09/25/08	**0.700**	**0.053**	**0.029**	**0.084**	**0.866**	**0.010**	<0.00031	<0.00014	**0.00041 J**	**0.100**	**0.00038 J**	<0.00031	<0.006	<0.074	**6.00**	**1.50**	<0.290
ES-3	09/24/08	**0.230**	**0.017**	**0.023**	**0.048**	**0.318**	**0.028**	<0.00031	<0.00014	**0.00028 J**	**0.110**	**0.00078 J**	<0.00031	<0.006	<0.074	**3.00**	**1.40**	<0.029
ES-4	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.0007 J**	**0.007 J**	<0.00024	<0.00031	<0.006	<0.074	**0.069**	**0.091**	<0.029
ES-5	09/25/08	**0.970**	**0.190**	**0.400**	**0.350**	**1.91**	**0.180**	<0.00031	<0.00014	<0.00026	**0.150**	**0.00057 J**	<0.00031	<0.006	<0.074	**12.0**	**1.90**	<0.290
ES-6	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	**0.0005 J**	<0.00031	<0.00014	**0.00065 J**	**0.003 J**	<0.00024	<0.00031	<0.006	<0.074	<0.017	**0.068**	<0.029
ES-7	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.00066 J**	<0.00036	<0.00024	<0.00031	<0.006	<0.074	<0.017	<0.02	**0.150**
ES-8	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
ES-9	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
ES-10	09/24/08	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.00067 J**	<0.00036	<0.00024	<0.00031	<0.006	<0.074	<0.017	**0.028 J**	<0.029
City of Oakland Public Works Agency Risk Based Screening Levels (RBSLs)		**0.001**	**0.150**	**0.700**	**1.80**	ne	**0.020**	**0.013**	ne	ne	ne	**0.0005**	**0.00005**	ne	ne	ne	ne	ne
San Francisco Bay RWQCB Environmental Screening Levels (ESLs)		**0.001**	**0.040**	**0.030**	**0.020**	ne	**0.017**	**0.005**	ne	ne	ne	**0.0005**	**0.00005**	**0.012**	ne	**0.100**	**0.100**	ne

Analytical test results are reported in milligrams per liter (mg/L).
ne = not established ns = not sampled dne = does not exist <, BDL = below laboratory detection limits
J = reported result is between the MDL and PQL

Table 3b - Cumulative Summary of Groundwater Analytical Results
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-d	TPH-g	TPH-o	Total PAHs
BC-1	04/17/97	**0.160**	**0.072**	**0.035**	**0.093**	**0.360**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.640**	**0.200**	nt	nt
	07/15/97	**0.520**	**0.130**	**0.170**	**0.290**	**1.11**	nt	**0.100**	nt	nt	nt	nt	nt	nt	nt	**95.0**	**11.0**	nt	**0.203**
	10/07/97	**0.310**	**0.600**	**0.370**	**1.90**	**3.18**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**484**	**31.0**	nt	**4.34**
	09/25/08	**0.220**	**0.022**	**0.032**	**0.038**	**0.312**	**0.016**	<0.00031	<0.00014	**0.00026 J**	**0.082**	<0.00024	**0.00039 J**	<0.006	<0.074	**2.00**	**3.70**	<0.290	nt
BC-2	07/08/92	BDL	BDL	BDL	**0.008**	**0.008**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**2.10**	nt	nt	nt
	10/06/92	BDL	**0.001**	**0.001**	**0.007**	**0.009**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/07/93	BDL	**0.001**	**0.002**	**0.010**	**0.012**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	04/06/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.130**	BDL	nt	nt
	07/23/93	**0.001**	**0.002**	**0.002**	**0.008**	**0.013**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.500**	<0.500	nt	BDL
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.40**	nt	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	**1.10**	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	**0.290**	BDL	nt	nt
	10/05/95	**0.001**	BDL	BDL	**0.001**	**0.002**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.50**	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.050**	BDL	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.680**	BDL	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.920**	BDL	nt	BDL
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
BC-3	07/08/92	BDL	**0.003**	BDL	**0.006**	**0.009**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**3.90**	nt	nt	nt
	10/06/92	BDL	**0.002**	**0.001**	**0.002**	**0.004**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.800**	nt	nt	nt
	01/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	04/06/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.120**	BDL	nt	nt
	07/23/93	**0.003**	**0.004**	**0.002**	**0.008**	**0.018**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**nt***	BDL	nt	nt
	10/07/93	BDL	BDL	**0.0001**	**0.002**	**0.003**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.40**	nt	nt	nt
	01/05/94	BDL	BDL	BDL	**0.002**	**0.002**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.80**	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.850**	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.200**	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.820**	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.890**	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	**0.380**	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.490**	BDL	nt	BDL
	10/07/97	BDL	BDL	**0.002**	**0.002**	**0.003**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**1.34**	**0.051**	nt	BDL
	09/25/08	<0.0004	**0.0006 J**	**0.0006 J**	<0.0003	**0.0012**	<0.0003	<0.00031	<0.00014	**0.0007 J**	<0.00036	<0.00024	<0.00031	<0.006	<0.074	<0.021	<0.084	**1.30**	nt
ES-1	11/19/91	**0.130**	**0.043**	**0.010**	**0.091**	**0.274**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	04/17/97	**0.110**	**0.018**	**0.007**	**0.045**	**0.180**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	**1.00**	nt	nt
	07/16/97	**0.076**	**0.008**	**0.011**	**0.025**	**0.120**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**1.20**	**0.960**	nt	**0.014**
	10/07/97	**0.049**	**0.034**	**0.011**	**0.023**	**0.100**	nt	**0.014**	nt	nt	nt	nt	nt	nt	nt	**2.77**	**1.70**	nt	**0.010**
	09/25/08	**0.140**	**0.009**	**0.014**	**0.016**	**0.179**	**0.011**	<0.00031	<0.00014	<0.00026	**0.130**	**0.00049 J**	<0.00031	<0.006	<0.074	**2.50**	**2.90**	<0.290	nt

Table 3b - Cumulative Summary of Groundwater Analytical Results
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-d	TPH-g	TPH-o	Total PAHs
ES-2	11/19/91	**0.390**	**0.096**	**0.078**	**0.310**	**0.874**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	04/17/97	**0.340**	**0.110**	**0.110**	**0.240**	**0.800**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**1.80**	**3.80**	nt	nt
	07/15/97	**0.190**	**0.140**	**0.073**	**0.250**	**0.653**	nt	**0.081**	nt	nt	nt	nt	nt	nt	nt	**16.0**	**3.70**	nt	**0.194**
	10/07/97	**0.190**	**0.046**	**0.046**	**0.070**	**0.352**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**8.04**	**7.20**	nt	**0.993**
	09/25/08	**0.700**	**0.053**	**0.029**	**0.084**	**0.866**	**0.010**	<0.00031	<0.00014	**0.00041 J**	**0.100**	**0.00038 J**	<0.00031	<0.006	<0.074	**1.50**	**6.00**	nt	<0.290
ES-3	11/19/91	**0.061**	**0.016**	**0.014**	**0.033**	**0.124**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**BDL**	nt	nt	nt
	07/08/92	**0.051**	**0.021**	**0.048**	**0.034**	**0.157**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.30**	nt	nt	nt
	10/06/92	**0.093**	**0.018**	BDL	**0.011**	**0.122**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/07/93	**0.052**	**0.049**	**0.100**	**0.250**	**0.451**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	04/06/93	**0.053**	BDL	**0.067**	**0.078**	**0.198**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.510**	**4.50**	nt	nt
	07/23/93	**0.028**	**0.006**	**0.005**	**0.005**	**0.043**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.600**	**1.50**	nt	nt
	10/07/93	**0.002**	**0.001**	BDL	**0.002**	**0.005**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/05/94	**0.013**	**0.002**	**0.007**	**0.005**	**0.027**	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.530**	nt	nt
	04/07/94	**0.010**	**0.009**	**0.026**	**0.034**	**0.079**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.910**	**0.850**	nt	nt
	07/13/94	**0.002**	**0.001**	**0.001**	**0.003**	**0.007**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.280**	**0.370**	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	**0.019**	**0.015**	**0.072**	**0.088**	**0.194**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.10**	**1.60**	nt	nt
	04/11/95	**0.020**	**0.007**	**0.036**	**0.022**	**0.085**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.390**	**0.940**	nt	nt
	07/06/95	**0.006**	BDL	**0.007**	BDL	**0.013**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**1.20**	**0.240**	nt	nt
	10/05/95	**0.002**	**0.002**	BDL	BDL	**0.004**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.110**	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	**0.120**	nt	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	**0.051**	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.120**	BDL	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.170**	BDL	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.205**	BDL	nt	BDL
	09/24/08	**0.230**	**0.017**	**0.023**	**0.048**	**0.318**	**0.028**	<0.00031	<0.00014	**0.00028 J**	**0.110**	**0.00078 J**	<0.00031	<0.006	<0.074	**1.40**	**3.00**	<0.290	nt
ES-4	11/19/91	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	07/08/92	**0.031**	**0.006**	BDL	**0.003**	**0.039**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	10/06/92	**0.100**	**0.008**	BDL	**0.008**	**0.116**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/07/93	**0.030**	**0.007**	**0.008**	**0.016**	**0.060**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	04/06/93	**0.033**	**0.002**	**0.002**	**0.005**	**0.042**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.360**	nt	nt
	07/23/93	**0.024**	**0.001**	**0.001**	**0.008**	**0.034**	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	**0.008**	BDL	BDL	**0.002**	**0.010**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/05/94	**0.015**	**0.001**	**0.0004**	**0.003**	**0.019**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.130**	nt	nt
	04/07/94	**0.011**	BDL	BDL	BDL	**0.011**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.170**	nt	nt
	07/13/94	**0.009**	BDL	BDL	**0.001**	**0.010**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.130**	nt	nt
	10/06/94	**0.018**	BDL	**0.002**	**0.003**	**0.023**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.100**	nt	nt
	01/13/95	**0.012**	BDL	BDL	**0.002**	**0.014**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.150**	nt	nt
	04/11/95	**0.039**	**0.004**	**0.012**	**0.024**	**0.079**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.180**	nt	nt
	07/06/95	**0.100**	**0.010**	**0.026**	**0.061**	**0.197**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.160**	**0.600**	nt	nt
	10/05/95	**0.210**	**0.016**	**0.071**	**0.084**	**0.381**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.170**	**1.20**	nt	nt
	01/05/96	**0.034**	BDL	**0.005**	**0.004**	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.120**	nt	nt
	04/09/96	**0.057**	**0.003**	**0.017**	**0.019**	**0.096**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	07/09/96	**0.043**	**0.005**	**0.021**	**0.017**	**0.086**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.220**	nt	nt
	10/08/96	**0.110**	**0.004**	**0.042**	**0.039**	**0.195**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.860**	nt	nt
	01/16/97	**0.005**	BDL	BDL	**0.001**	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.059**	nt	nt
	04/17/97	**0.087**	**0.011**	**0.049**	**0.024**	**0.171**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.100**	BDL	nt	nt
	07/15/97	**0.110**	**0.011**	**0.042**	**0.040**	**0.203**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.370**	**0.920**	nt	**0.0**
	10/07/97	**0.011**	BDL	**0.028**	**0.023**	**0.016**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.101**	**0.120**	nt	**0.024**
	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.0007 J**	**0.007 J**	<0.00024	<0.00031	<0.006	<0.074	**0.091**	**0.069**	nt	<0.029

Table 3b - Cumulative Summary of Groundwater Analytical Results
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-d	TPH-g	TPH-o	Total PAHs
ES-5	11/19/91	**2.10**	**3.90**	**0.840**	**6.00**	**12.8**	nt	nt	nt	nt	nt	nt	nt	nt	nt	**950**	nt	nt	nt
	04/17/97	**0.590**	**1.20**	**0.180**	**1.00**	**2.97**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**1.60**	**2.40**	nt	nt
	07/16/97	**0.810**	**1.80**	**0.430**	**1.80**	**9.68**	nt	**0.350**	nt	nt	nt	nt	nt	nt	nt	**15.0**	**27.0**	nt	**216**
	10/07/97	**0.260**	**0.470**	**0.160**	**0.590**	**1.48**	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**6.51**	**15.0**	nt	**0.424**
	09/25/08	**0.970**	**0.190**	**0.400**	**0.350**	**1.91**	**0.180**	<0.00031	<0.00014	<0.00026	**0.150**	**0.00057 J**	<0.00031	<0.006	<0.074	**1.90**	**12.0**	<0.290	nt
ES-6	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	**0.001**	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	**0.160**	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	**0.002**	**0.002**	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/05/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.220**	nt	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	**0.120**	BDL	nt	nt
	07/15/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	**0.060**	BDL	nt	BDL
	10/07/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	BDL
	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	**0.0005 J**	<0.00031	<0.00014	**0.00065 J**	**0.003 J**	<0.00024	<0.00031	<0.006	<0.074	**0.068**	<0.017	<0.290	nt
ES-7	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.100**	**0.110**	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	**0.060**	BDL	nt	nt
	09/24/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.00066 J**	<0.00036	<0.00024	<0.00031	<0.006	<0.074	<0.002	<0.017	**0.150**	nt
ES-8	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	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	nt	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
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Table 3b - Cumulative Summary of Groundwater Analytical Results
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	ETBE	TAME	DIPE	EDC	EDB	TBA	Ethanol	TPH-d	TPH-g	TPH-o	Total PAHs
ES-9	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	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	**1.10**	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/24/08	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
ES-10	07/23/93	<0.0003	<0.0003	<0.0003	<0.0006	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/13/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/06/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	01/13/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/11/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/24/08	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne	dne
ES-11	07/23/93	<0.0003	**0.001**	<0.0003	**0.001**	**0.002**	nt	nt	nt	nt	nt	nt	nt	nt	nt	<0.500	<0.500	nt	nt
	10/07/93	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	nt	nt	nt
	01/05/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/07/94	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	**0.350**	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	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	nt	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	**0.170**	nt	nt
	07/06/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	10/05/95	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	07/09/96	BDL	BDL	BDL	BDL	BDL	nt	nt	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	04/17/97	BDL	BDL	BDL	BDL	BDL	nt	BDL	nt	nt	nt	nt	nt	nt	nt	BDL	BDL	nt	nt
	09/25/08	<0.0004	<0.0003	<0.0003	<0.0003	BDL	<0.0003	<0.00031	<0.00014	**0.00067 J**	<0.00036	<0.00024	<0.00031	<0.006	<0.074	**0.028 J**	<0.017	<0.029	nt
City of Oakland Public Works Agency Risk Based Screening Levels (RBSLs)		**0.001**	**0.150**	**0.700**	**1.80**	ne	**0.020**	**0.013**	ne	ne	ne	**0.0005**	**0.00005**	ne	ne	ne	ne	ne	ne
San Francisco Bay RWQCB Environmental Screening Levels (ESLs)		**0.001**	**0.040**	**0.030**	**0.020**	ne	**0.017**	**0.005**	ne	ne	ne	**0.0005**	**0.00005**	**0.012**	ne	**0.100**	**0.100**	ne	ne

Analytical test results are reported in milligrams per liter (mg/L).

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

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

Table 4 - Cumulative Summary of Soil Analytical Results
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, Alameda County, California
Green Star Project No. 08-1379.01

Sample ID	Depth in feet BGS	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TPH-g	TPH-d	TPH	TFH
Subsurface Investigation Samples (Conducted by a Previous Contultant)												
BC-1	16-16.5	07/08/89	nr	**1.78**	**37.5**	**1.13**	**40.4**	nt	nt	nt	nr	**3,060**
BC-1	25-25.5	07/08/89	<10.0	<0.001	**0.027**	**0.008**	**0.035**	nt	nt	nt	nr	<10
BC-2	16-16.5	07/08/89	nr	**4.00**	**2.00**	**49.5**	**55.5**	nt	nt	nt	nr	**4,260**
BC-2	25-25.5	07/08/89	<10.0	**0.090**	**0.402**	**0.154**	**0.646**	nt	nt	nt	nr	<10
BC-3	16-16.5	07/08/89	nr	**2.24**	**28.9**	**1.03**	**32.2**	nt	nt	nt	nr	**1,850**
BC-3	25-25.5	07/08/89	<10	<0.001	**0.008**	<0.001	0.008	nt	nt	nt	nr	<10
ES-1	16-18	11/11/91	<1.00	**3.00**	**3.40**	**22.0**	**28.4**	nt	nt	<2.50	nt	nt
ES-2	16-18	11/12/91	<2.00	**27.0**	**28.0**	**150**	**205**	nt	nt	<2.50	nt	nt
ES-3	16-18	11/12/91	<0.001	<0.002	<0.002	<0.004	BDL	nt	nt	<2.50	nt	nt
ES-4	16-18	11/13/91	<0.001	<0.002	<0.002	<0.004	BDL	nt	nt	BDL	nt	nt
ES-5	16-18	11/14/91	<0.001	**0.080**	**0.065**	**0.330**	**0.475**	nt	nt	**160**	nt	nt
ES-6	15-16.5	07/23/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	<10.0	<10.0	nt	nt
ES-7	20-21.5	07/20/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	<10.0	<10.0	nt	nt
ES-8	20-21.5	07/20/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	<10.0	<10.0	nt	nt
ES-9	15-16.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	<10.0	<10.0	nt	nt
ES-10	20-21.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	<10.0	<10.0	nt	nt
ES-11	20-21.5	07/21/93	<0.005	<0.005	<0.005	<0.015	BDL	nt	<10.0	<10.0	nt	nt

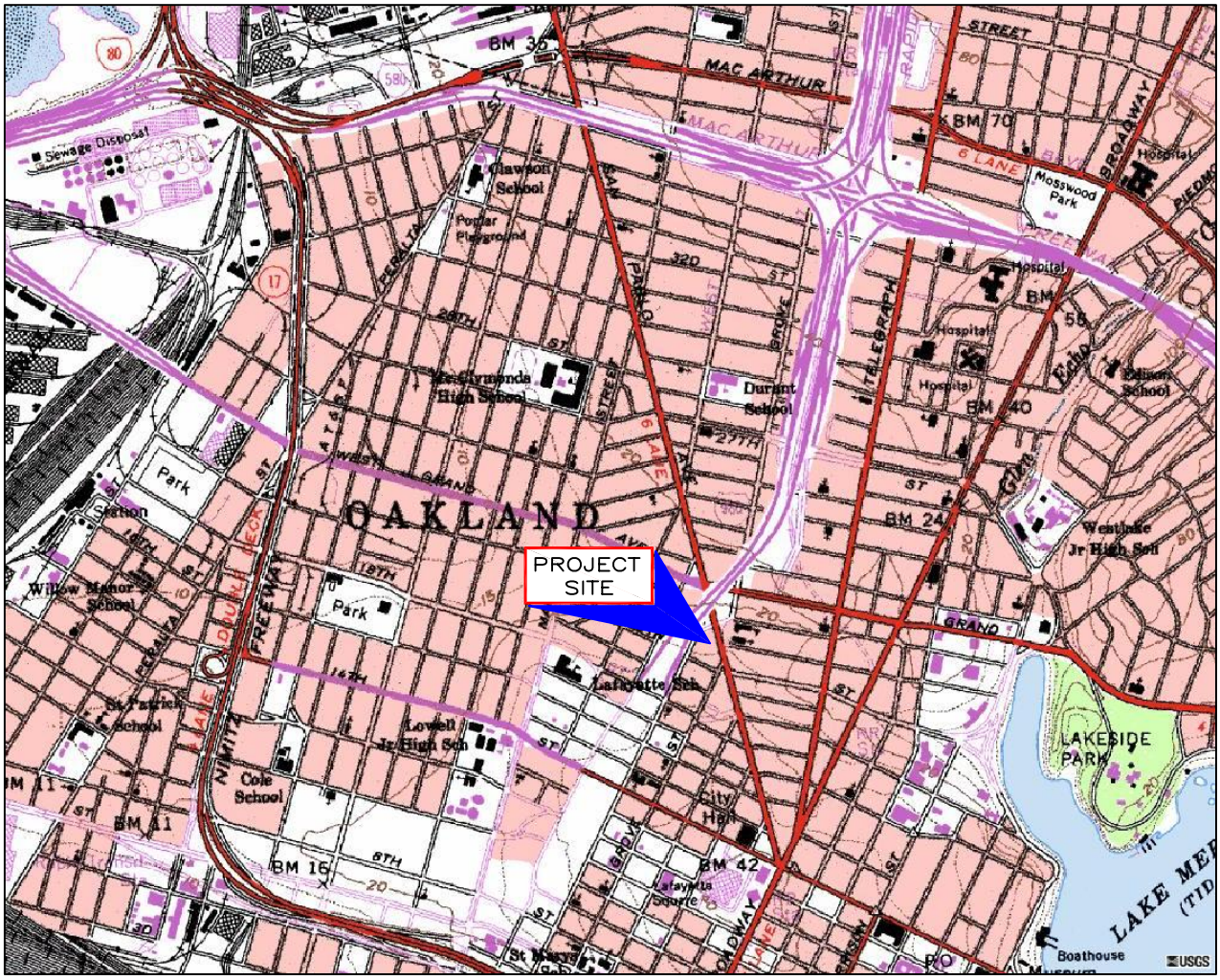
Analytical test results are reported in milligrams per Kilogram (mg/Kg).
<, BDL = below laboratory detection limits
nt = not tested for that constituent
nr = Interpretation of results not possible as reported by previous consultant.

LIST OF FIGURES

OAKLAND WEST QUADRANGLE
OAKLAND, CALIFORNIA

LAT=37° 48' 40" N
LONG=122° 16' 24" W

1996



NORTH

SCALE 1:24000

0 1/2 1

(Miles)

0 2000 4000

(Feet)

CONTOUR INTERVAL 10 FEET

1379

FIGURE 1

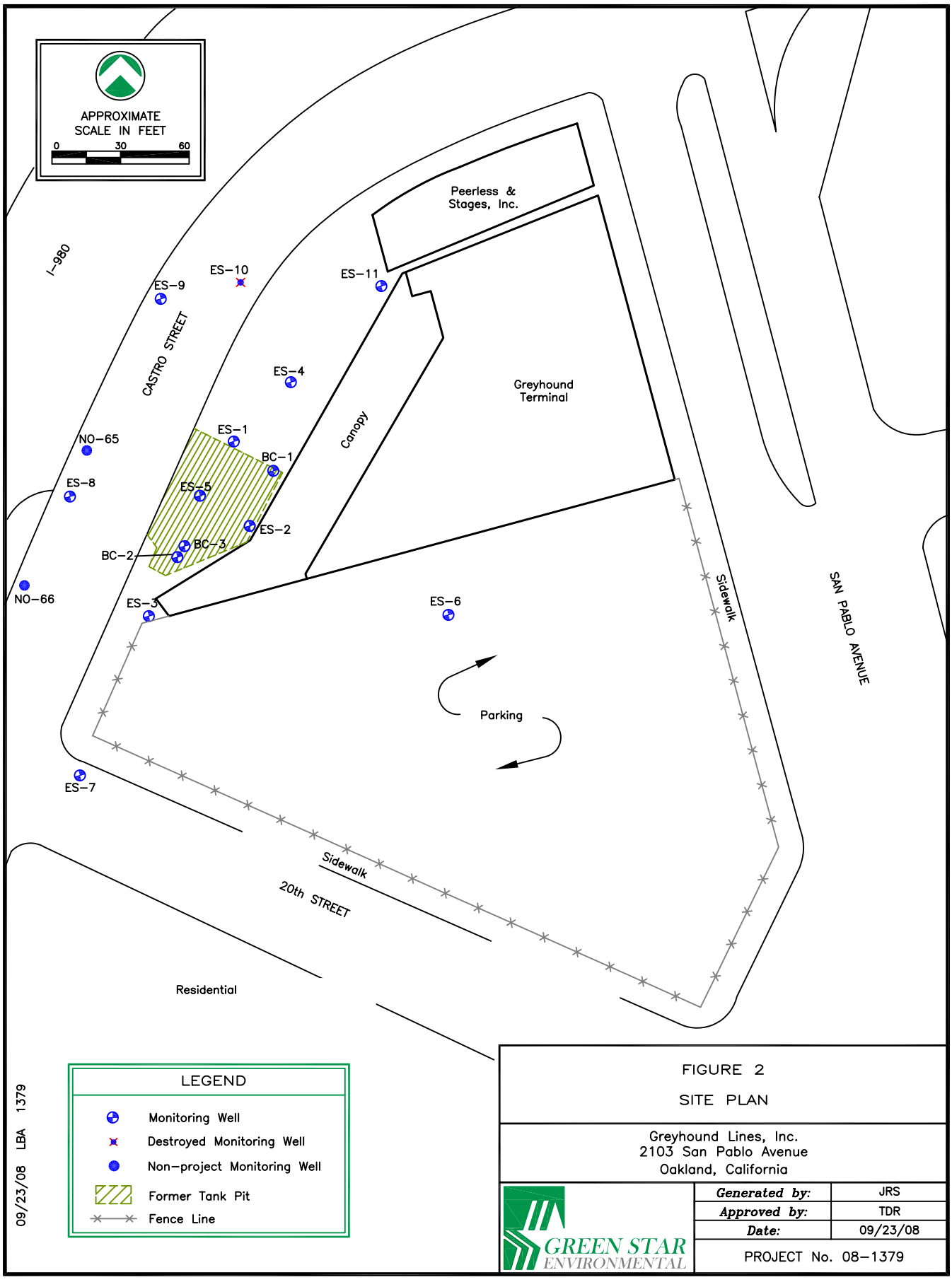
SITE LOCATION/USGS TOPOGRAPHIC MAP

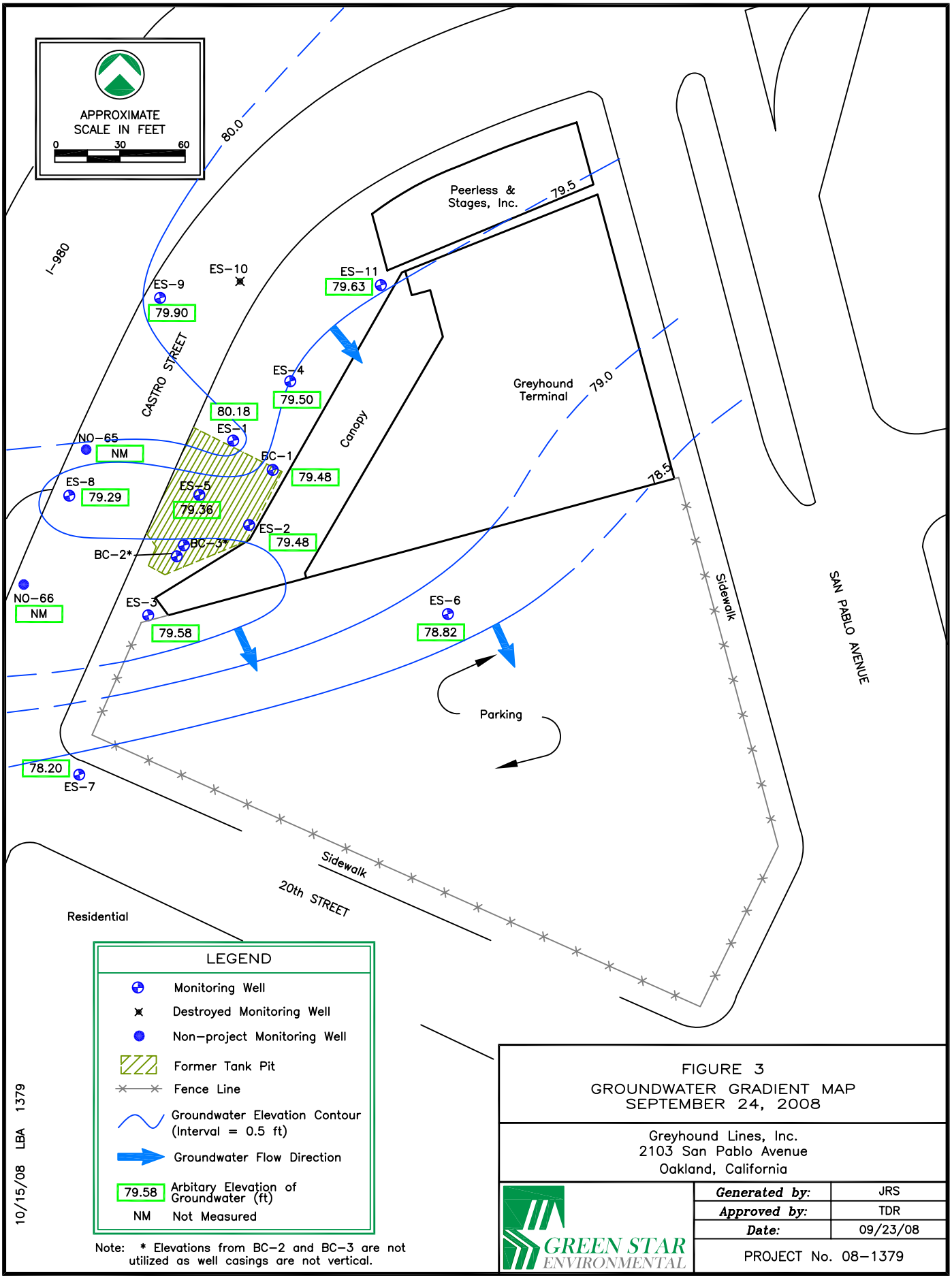
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California

GREEN STAR ENVIRONMENTAL

Generated by:	JRS
Approved by:	TDR
Date:	09/23/08

PROJECT No. 08-1379


APPROXIMATE
SCALE IN FEET
0
30
60
Peerless &
Stages, Inc.
I-980
ES-10
ES-11
ES-9
CASTRO STREET
ES-4
Greyhound
Terminal
Canopy
ES-1
BC-1
NO-65
ES-8
ES-5
ES-2
BC-3
BC-2
NO-66
ES-3
ES-6
Sidewalk
SAN PABLO AVENUE
Parking
ES-7
Sidewalk
20th STREET
Residential
LEGEND
Monitoring Well
Destroyed Monitoring Well
Non-project Monitoring Well
Former Tank Pit
Fence Line
09/23/08 LBA 1379
FIGURE 2
SITE PLAN
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California
GREEN STAR
ENVIRONMENTAL
Generated by: JRS
Approved by: TDR
Date: 09/23/08
PROJECT No. 08-1379



Note: * Elevations from BC-2 and BC-3 are not utilized as well casings are not vertical.

10/15/08 LBA 1379

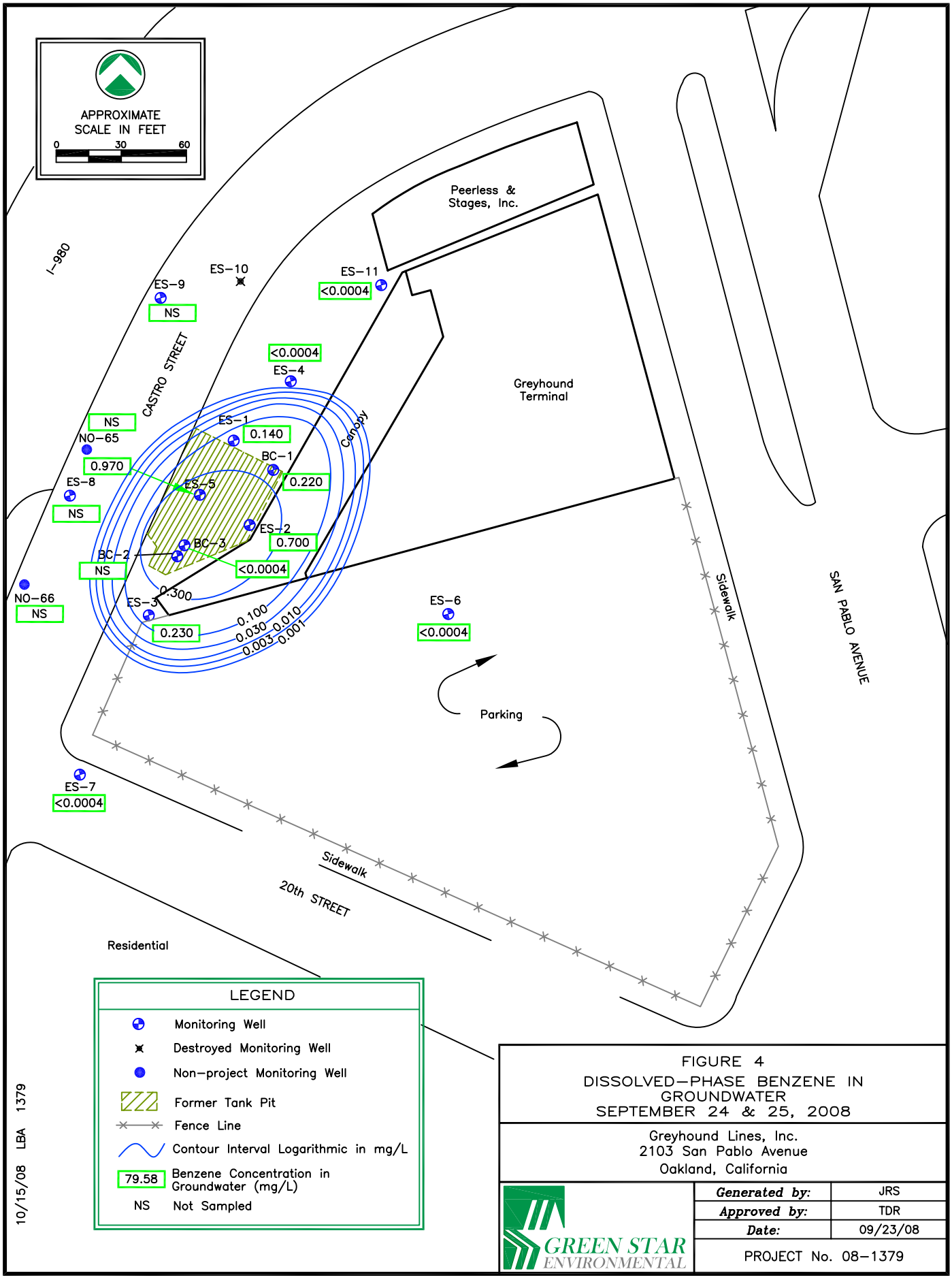
FIGURE 3
GROUNDWATER GRADIENT MAP
SEPTEMBER 24, 2008

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

GREEN STAR ENVIRONMENTAL

Generated by:	JRS
Approved by:	TDR
Date:	09/23/08

PROJECT No. 08-1379



10/15/08 LBA 1379

FIGURE 4

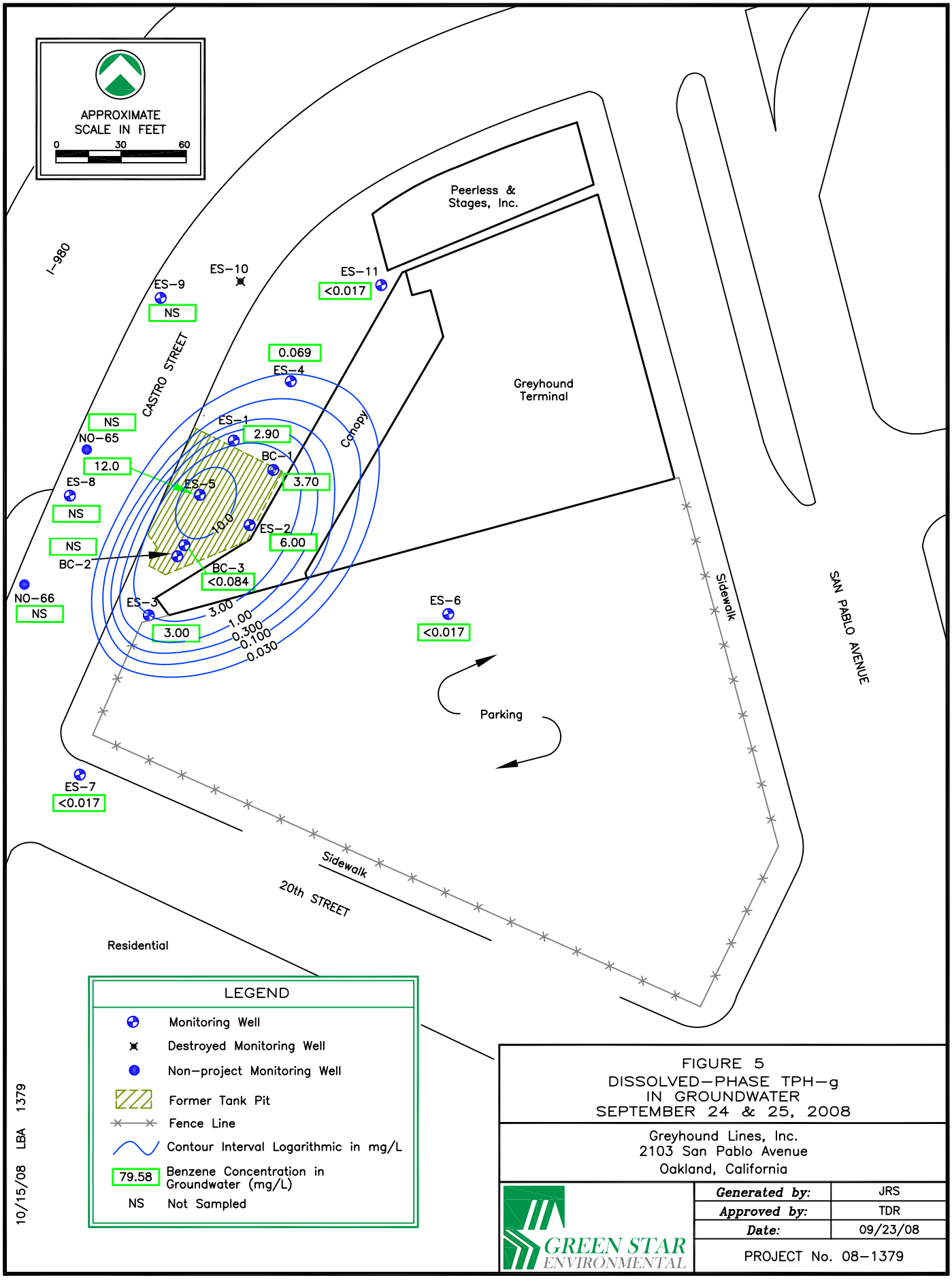
DISSOLVED-PHASE BENZENE IN GROUNDWATER
SEPTEMBER 24 & 25, 2008

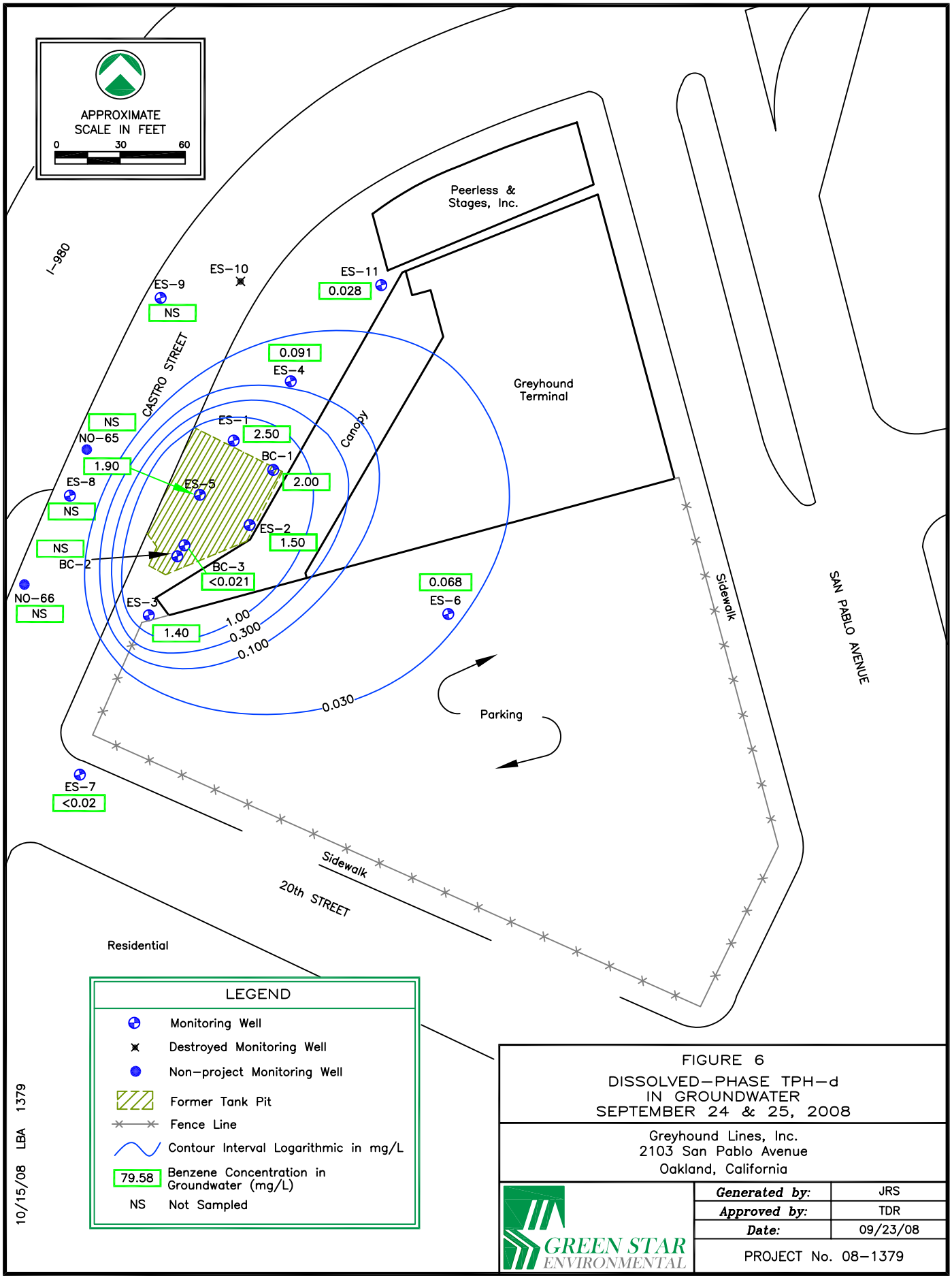
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California

GREEN STAR ENVIRONMENTAL

Generated by:	JRS
Approved by:	TDR
Date:	09/23/08

PROJECT No. 08-1379


APPROXIMATE
SCALE IN FEET
0
30
60
Peerless &
Stages, Inc.
I-980
ES-10
ES-9
NS
ES-11
<0.017
0.069
ES-4
CASTRO STREET
Greyhound
Terminal
Canopy
NS
NO-65
ES-1
2.90
12.0
BC-1
3.70
ES-8
NS
ES-5
10.0
ES-2
6.00
NS
BC-2
BC-3
<0.084
NO-66
NS
ES-3
3.00
3.00
1.00
0.300
0.100
0.030
ES-6
<0.017
Sidewalk
SAN PABLO AVENUE
Parking
ES-7
<0.017
Sidewalk
20th STREET
Residential
LEGEND
Monitoring Well
Destroyed Monitoring Well
Non-project Monitoring Well
Former Tank Pit
Fence Line
Contour Interval Logarithmic in mg/L
79.58 Benzene Concentration in Groundwater (mg/L)
NS Not Sampled
10/15/08 LBA 1379
FIGURE 5
DISSOLVED-PHASE TPH-g
IN GROUNDWATER
SEPTEMBER 24 & 25, 2008
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California
GREEN STAR ENVIRONMENTAL
Generated by: JRS
Approved by: TDR
Date: 09/23/08
PROJECT No. 08-1379


APPROXIMATE
SCALE IN FEET
0
30
60
Peerless &
Stages, Inc.
I-980
ES-10
ES-9
NS
ES-11
0.028
0.091
ES-4
CASTRO STREET
Greyhound
Terminal
NS
NO-65
ES-1
2.50
Canopy
1.90
BC-1
2.00
ES-8
ES-5
NS
ES-2
1.50
NS
BC-2
BC-3
<0.021
0.068
ES-6
NO-66
NS
ES-3
1.40
1.00
0.300
0.100
0.030
Sidewalk
SAN PABLO AVENUE
Parking
ES-7
<0.02
Sidewalk
20th STREET
Residential
LEGEND
Monitoring Well
Destroyed Monitoring Well
Non-project Monitoring Well
Former Tank Pit
Fence Line
Contour Interval Logarithmic in mg/L
79.58
Benzene Concentration in
Groundwater (mg/L)
NS
Not Sampled
10/15/08 LBA 1379
FIGURE 6
DISSOLVED-PHASE TPH-d
IN GROUNDWATER
SEPTEMBER 24 & 25, 2008
Greyhound Lines, Inc.
2103 San Pablo Avenue
Oakland, California
GREEN STAR
ENVIRONMENTAL
Generated by: JRS
Approved by: TDR
Date: 09/23/08
PROJECT No. 08-1379

APPENDIX A

Analytical Results with Chain-of-Custody Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Greyhound Lines Inc.

Certificate of Analysis Number:

08091305

Report To:		**Project Name:**	**Greyhound-Oakland**
Green Star Environmental, LLC		**Site:**	**2103 San Pablo Oakland Ca.**
Debra Boopsingh		**Site Address:**	
354 McDonnell Street, Suite 9			
		PO Number:	
Lewisville		**State:**	**California**
TX		**State Cert. No.:**	**01142CA**
75057-		**Date Reported:**	**10/14/2008**
ph: (214) 222-8752	**fax:**		

This Report Contains A Total Of 31 Pages

Excluding This Page

And

Chain Of Custody

10/16/2008

Joann Marroquin
Project Manager

Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:

Greyhound Lines Inc.

Certificate of Analysis Number:

08091305

Report To:		Project Name:	Greyhound-Oakland
Green Star Environmental, LLC		Site:	2103 San Pablo Oakland Ca.
Debra Boopsingh		Site Address:	
354 McDonnell Street, Suite 9			
Lewisville		PO Number:	
TX		State:	California
75057-		State Cert. No.:	01142CA
ph: (214) 222-8752	fax:	Date Reported:	10/14/2008

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg\kg-dry " or " ug\kg-dry ").

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch ID: 84011 for the Diesel Range Organics analysis by SW846 Method 8015B. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Joann Marroquin

10/16/2008

Joann Marroquin
Senior Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Greyhound Lines Inc.

Certificate of Analysis Number:

08091305

Report To: **Green Star Environmental, LLC**
Debra Boopsingh
354 McDonnell Street, Suite 9

Lewisville
TX
75057-
ph: (214) 222-8752 **fax: (214) 222-8762**

Fax To:

Project Name: **Greyhound-Oakland**
Site: **2103 San Pablo Oakland Ca.**
Site Address:

PO Number:
State: **California**
State Cert. No.: **01142CA**
Date Reported: **10/14/2008**

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
ES-6	08091305-01	Water	9/24/2008 1:45:00 PM	9/26/2008 10:30:00 AM	320411	☐
ES-7	08091305-02	Water	9/24/2008 5:13:00 PM	9/26/2008 10:30:00 AM	320411	☐
ES-3	08091305-03	Water	9/24/2008 5:30:00 PM	9/26/2008 10:30:00 AM	320411	☐
ES-11	08091305-04	Water	9/25/2008 11:45:00 AM	9/26/2008 10:30:00 AM	320411	☐
ES-2	08091305-05	Water	9/25/2008 12:10:00 PM	9/26/2008 10:30:00 AM	320411	☐
ES-4	08091305-06	Water	9/25/2008 12:45:00 PM	9/26/2008 10:30:00 AM	320411	☐
BC-1	08091305-07	Water	9/25/2008 1:15:00 PM	9/26/2008 10:30:00 AM	320411	☐
ES-1	08091305-08	Water	9/25/2008 1:35:00 PM	9/26/2008 10:30:00 AM	320411	☐
ES-5	08091305-09	Water	9/25/2008 1:30:00 PM	9/26/2008 10:30:00 AM	320411	☐
BC-3	08091305-10	Water	9/25/2008 2:25:00 PM	9/26/2008 10:30:00 AM	320411	☐
Trip Blank	08091305-11	Water	9/25/2008	9/26/2008 10:30:00 AM	320411	☑

Joann Marroquin
Senior Project Manager

10/16/2008
Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-6 **Collected:** 09/24/2008 13:45 **SPL Sample ID:** 08091305-01

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					MCL	SW8015B Units: mg/L			
Diesel Range Organics	0.068		0.02		0.05	1	10/01/08 12:21	NW	4700272
Motor Oil	ND		0.029		0.05	1	10/01/08 12:21	NW	4700272
Surr: n-Pentacosane	115		0	%	20-150	1	10/01/08 12:21	NW	4700272

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

Qualifiers:

ND/U - Not Detected at the Method Detection Limit
J - Estimated Value between MDL and PQL
* - Surrogate Recovery Outside Advisable QC Limits
E - Concentrations exceeding Calibration range of Instrument
B/V - Analyte detected in the associated Method Blank above Rep.Limit
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference
TNTC - Too numerous to count

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-6 **Collected:** 09/24/2008 13:45 **SPL Sample ID:** 08091305-01

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	ND		0.017		0.05	1	10/01/08 0:41	CLJ	4698841
Surr: 1,4-Difluorobenzene	93.1		0	%	60-155	1	10/01/08 0:41	CLJ	4698841
Surr: 4-Bromofluorobenzene	94.9		0	%	50-158	1	10/01/08 0:41	CLJ	4698841
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 17:24	DY	4703488
1,2-Dichloroethane	ND		0.24		5	1	10/02/08 17:24	DY	4703488
Benzene	ND		0.35		5	1	10/02/08 17:24	DY	4703488
Diisopropyl Ether	3	J	0.36		10	1	10/02/08 17:24	DY	4703488
Ethanol	ND		74		500	1	10/02/08 17:24	DY	4703488
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 17:24	DY	4703488
Ethylbenzene	ND		0.34		5	1	10/02/08 17:24	DY	4703488
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 17:24	DY	4703488
Naphthalene	0.5	J	0.34		5	1	10/02/08 17:24	DY	4703488
t-Butyl Alcohol	ND		6		100	1	10/02/08 17:24	DY	4703488
tert-Amyl methyl ether	0.65	J	0.26		10	1	10/02/08 17:24	DY	4703488
Toluene	ND		0.25		5	1	10/02/08 17:24	DY	4703488
Xylenes,Total	ND		0.3		5	1	10/02/08 17:24	DY	4703488
Surr: 1,2-Dichloroethane-d4	93.5		0	%	71-140	1	10/02/08 17:24	DY	4703488
Surr: 4-Bromofluorobenzene	98.2		0	%	70-130	1	10/02/08 17:24	DY	4703488
Surr: Toluene-d8	99.7		0	%	61-121	1	10/02/08 17:24	DY	4703488

Joann Marroquin

Joann Marroquin
Project Manager

Qualifiers:
ND/U - Not Detected at the Method Detection Limit
J - Estimated Value between MDL and PQL
* - Surrogate Recovery Outside Advisable QC Limits
E - Concentrations exceeding Calibration range of Instrument
B/V - Analyte detected in the associated Method Blank above Rep.Limit
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference
TNTC - Too numerous to count

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-7 **Collected:** 09/24/2008 17:13 **SPL Sample ID:** 08091305-02

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	ND		0.02	0.05	1	10/01/08 13:46	NW	4700275
Motor Oil	0.15		0.029	0.05	1	10/01/08 13:46	NW	4700275
Surr: n-Pentacosane	129		0	% 20-150	1	10/01/08 13:46	NW	4700275

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

Qualifiers:

ND/U - Not Detected at the Method Detection Limit
J - Estimated Value between MDL and PQL
* - Surrogate Recovery Outside Advisable QC Limits
E - Concentrations exceeding Calibration range of Instrument
B/V - Analyte detected in the associated Method Blank above Rep.Limit
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference
TNTC - Too numerous to count

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-7 **Collected:** 09/24/2008 17:13 **SPL Sample ID:** 08091305-02

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	ND		0.017		0.05	1	10/01/08 1:12	CLJ	4698842
Surr: 1,4-Difluorobenzene	94.8		0	%	60-155	1	10/01/08 1:12	CLJ	4698842
Surr: 4-Bromofluorobenzene	95.3		0	%	50-158	1	10/01/08 1:12	CLJ	4698842
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 17:46	DY	4703489
1,2-Dichloroethane	ND		0.24		5	1	10/02/08 17:46	DY	4703489
Benzene	ND		0.35		5	1	10/02/08 17:46	DY	4703489
Diisopropyl Ether	ND		0.36		10	1	10/02/08 17:46	DY	4703489
Ethanol	ND		74		500	1	10/02/08 17:46	DY	4703489
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 17:46	DY	4703489
Ethylbenzene	ND		0.34		5	1	10/02/08 17:46	DY	4703489
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 17:46	DY	4703489
Naphthalene	ND		0.34		5	1	10/02/08 17:46	DY	4703489
t-Butyl Alcohol	ND		6		100	1	10/02/08 17:46	DY	4703489
tert-Amyl methyl ether	0.66	J	0.26		10	1	10/02/08 17:46	DY	4703489
Toluene	ND		0.25		5	1	10/02/08 17:46	DY	4703489
Xylenes,Total	ND		0.3		5	1	10/02/08 17:46	DY	4703489
Surr: 1,2-Dichloroethane-d4	93.9		0	%	71-140	1	10/02/08 17:46	DY	4703489
Surr: 4-Bromofluorobenzene	98.4		0	%	70-130	1	10/02/08 17:46	DY	4703489
Surr: Toluene-d8	100		0	%	61-121	1	10/02/08 17:46	DY	4703489

Joann Marroquin

Joann Marroquin
Project Manager

Qualifiers:

ND/U - Not Detected at the Method Detection Limit
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E - Concentrations exceeding Calibration range of Instrument
B/V - Analyte detected in the associated Method Blank above Rep.Limit
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference
TNTC - Too numerous to count

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-3 **Collected:** 09/24/2008 17:30 **SPL Sample ID:** 08091305-03

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	1.4		0.02	0.05	1	10/01/08 14:14	NW	4700276
Motor Oil	ND		0.029	0.05	1	10/01/08 14:14	NW	4700276
Surr: n-Pentacosane	79.0		0	% 20-150	1	10/01/08 14:14	NW	4700276

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-3 **Collected:** 09/24/2008 17:30 **SPL Sample ID:** 08091305-03

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	3		0.017		0.05	1	10/01/08 1:43	CLJ	4698843
Surr: 1,4-Difluorobenzene	167MI	*	0	%	60-155	1	10/01/08 1:43	CLJ	4698843
Surr: 4-Bromofluorobenzene	131		0	%	50-158	1	10/01/08 1:43	CLJ	4698843
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 21:04	DY	4703498
1,2-Dichloroethane	0.78	J	0.24		5	1	10/02/08 21:04	DY	4703498
Benzene	230		1.7		25	5	10/02/08 19:13	DY	4703493
Diisopropyl Ether	110		0.36		10	1	10/02/08 21:04	DY	4703498
Ethanol	ND		74		500	1	10/02/08 21:04	DY	4703498
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 21:04	DY	4703498
Ethylbenzene	23		0.34		5	1	10/02/08 21:04	DY	4703498
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 21:04	DY	4703498
Naphthalene	28		0.34		5	1	10/02/08 21:04	DY	4703498
t-Butyl Alcohol	ND		6		100	1	10/02/08 21:04	DY	4703498
tert-Amyl methyl ether	0.28	J	0.26		10	1	10/02/08 21:04	DY	4703498
Toluene	17		0.25		5	1	10/02/08 21:04	DY	4703498
Xylenes,Total	48		0.3		5	1	10/02/08 21:04	DY	4703498
Surr: 1,2-Dichloroethane-d4	93.2		0	%	71-140	1	10/02/08 21:04	DY	4703498
Surr: 1,2-Dichloroethane-d4	94.0		0	%	71-140	5	10/02/08 19:13	DY	4703493
Surr: 4-Bromofluorobenzene	110		0	%	70-130	1	10/02/08 21:04	DY	4703498
Surr: 4-Bromofluorobenzene	102		0	%	70-130	5	10/02/08 19:13	DY	4703493
Surr: Toluene-d8	98.2		0	%	61-121	5	10/02/08 19:13	DY	4703493
Surr: Toluene-d8	97.4		0	%	61-121	1	10/02/08 21:04	DY	4703498

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-11 **Collected:** 09/25/2008 11:45 **SPL Sample ID:** 08091305-04

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	0.028	J	0.02	0.05	1	10/01/08 12:49	NW	4700273
Motor Oil	ND		0.029	0.05	1	10/01/08 12:49	NW	4700273
Surr: n-Pentacosane	81.6		0	% 20-150	1	10/01/08 12:49	NW	4700273

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-11 **Collected:** 09/25/2008 11:45 **SPL Sample ID:** 08091305-04

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	ND		0.017		0.05	1	10/01/08 2:15	CLJ	4698844
Surr: 1,4-Difluorobenzene	95.5		0	%	60-155	1	10/01/08 2:15	CLJ	4698844
Surr: 4-Bromofluorobenzene	96.8		0	%	50-158	1	10/01/08 2:15	CLJ	4698844
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 18:06	DY	4703490
1,2-Dichloroethane	ND		0.24		5	1	10/02/08 18:06	DY	4703490
Benzene	ND		0.35		5	1	10/02/08 18:06	DY	4703490
Diisopropyl Ether	ND		0.36		10	1	10/02/08 18:06	DY	4703490
Ethanol	ND		74		500	1	10/02/08 18:06	DY	4703490
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 18:06	DY	4703490
Ethylbenzene	ND		0.34		5	1	10/02/08 18:06	DY	4703490
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 18:06	DY	4703490
Naphthalene	ND		0.34		5	1	10/02/08 18:06	DY	4703490
t-Butyl Alcohol	ND		6		100	1	10/02/08 18:06	DY	4703490
tert-Amyl methyl ether	0.67	J	0.26		10	1	10/02/08 18:06	DY	4703490
Toluene	ND		0.25		5	1	10/02/08 18:06	DY	4703490
Xylenes,Total	ND		0.3		5	1	10/02/08 18:06	DY	4703490
Surr: 1,2-Dichloroethane-d4	94.1		0	%	71-140	1	10/02/08 18:06	DY	4703490
Surr: 4-Bromofluorobenzene	98.9		0	%	70-130	1	10/02/08 18:06	DY	4703490
Surr: Toluene-d8	101		0	%	61-121	1	10/02/08 18:06	DY	4703490

Joann Marroquin

Joann Marroquin
Project Manager

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>MCL - Result Over Maximum Contamination Limit(MCL)
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-2 **Collected:** 09/25/2008 12:10 **SPL Sample ID:** 08091305-05

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	1.5		0.2	0.5	10	10/01/08 2:00	NW	4700262
Motor Oil	ND		0.29	0.5	10	10/01/08 2:00	NW	4700262
Surr: n-Pentacosane	17 MI	*	0	% 20-150	10	10/01/08 2:00	NW	4700262

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-2 **Collected:** 09/25/2008 12:10 **SPL Sample ID:** 08091305-05

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	6		0.084		0.25	5	10/01/08 2:46	CLJ	4698845
Surr: 1,4-Difluorobenzene	128		0	%	60-155	5	10/01/08 2:46	CLJ	4698845
Surr: 4-Bromofluorobenzene	105		0	%	50-158	5	10/01/08 2:46	CLJ	4698845
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 20:43	DY	4703497
1,2-Dichloroethane	0.38	J	0.24		5	1	10/02/08 20:43	DY	4703497
Benzene	700		1.7		25	5	10/01/08 5:02	DY	4703441
Diisopropyl Ether	100		0.36		10	1	10/02/08 20:43	DY	4703497
Ethanol	ND		74		500	1	10/02/08 20:43	DY	4703497
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 20:43	DY	4703497
Ethylbenzene	29		0.34		5	1	10/02/08 20:43	DY	4703497
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 20:43	DY	4703497
Naphthalene	9.5		0.34		5	1	10/02/08 20:43	DY	4703497
t-Butyl Alcohol	ND		6		100	1	10/02/08 20:43	DY	4703497
tert-Amyl methyl ether	0.41	J	0.26		10	1	10/02/08 20:43	DY	4703497
Toluene	53		0.25		5	1	10/02/08 20:43	DY	4703497
Xylenes,Total	83.9		0.299		5	1	10/02/08 20:43	DY	4703497
Surr: 1,2-Dichloroethane-d4	96.2		0	%	71-140	1	10/02/08 20:43	DY	4703497
Surr: 1,2-Dichloroethane-d4	88.9		0	%	71-140	5	10/01/08 5:02	DY	4703441
Surr: 4-Bromofluorobenzene	105		0	%	70-130	1	10/02/08 20:43	DY	4703497
Surr: 4-Bromofluorobenzene	98.4		0	%	70-130	5	10/01/08 5:02	DY	4703441
Surr: Toluene-d8	99.6		0	%	61-121	5	10/01/08 5:02	DY	4703441
Surr: Toluene-d8	91.5		0	%	61-121	1	10/02/08 20:43	DY	4703497

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-4 **Collected:** 09/25/2008 12:45 **SPL Sample ID:** 08091305-06

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	0.091		0.02		0.05	1	10/01/08 13:17	NW	4700274
Motor Oil	ND		0.029		0.05	1	10/01/08 13:17	NW	4700274
Surr: n-Pentacosane	113		0	%	20-150	1	10/01/08 13:17	NW	4700274

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-4 **Collected:** 09/25/2008 12:45 **SPL Sample ID:** 08091305-06

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	0.069		0.017		0.05	1	10/01/08 3:17	CLJ	4698846
Surr: 1,4-Difluorobenzene	94.9		0	%	60-155	1	10/01/08 3:17	CLJ	4698846
Surr: 4-Bromofluorobenzene	95.8		0	%	50-158	1	10/01/08 3:17	CLJ	4698846
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 18:29	DY	4703491
1,2-Dichloroethane	ND		0.24		5	1	10/02/08 18:29	DY	4703491
Benzene	ND		0.35		5	1	10/02/08 18:29	DY	4703491
Diisopropyl Ether	7	J	0.36		10	1	10/02/08 18:29	DY	4703491
Ethanol	ND		74		500	1	10/02/08 18:29	DY	4703491
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 18:29	DY	4703491
Ethylbenzene	ND		0.34		5	1	10/02/08 18:29	DY	4703491
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 18:29	DY	4703491
Naphthalene	ND		0.34		5	1	10/02/08 18:29	DY	4703491
t-Butyl Alcohol	ND		6		100	1	10/02/08 18:29	DY	4703491
tert-Amyl methyl ether	0.7	J	0.26		10	1	10/02/08 18:29	DY	4703491
Toluene	ND		0.25		5	1	10/02/08 18:29	DY	4703491
Xylenes,Total	ND		0.3		5	1	10/02/08 18:29	DY	4703491
Surr: 1,2-Dichloroethane-d4	93.5		0	%	71-140	1	10/02/08 18:29	DY	4703491
Surr: 4-Bromofluorobenzene	100		0	%	70-130	1	10/02/08 18:29	DY	4703491
Surr: Toluene-d8	100		0	%	61-121	1	10/02/08 18:29	DY	4703491

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: BC-1 **Collected:** 09/25/2008 13:15 **SPL Sample ID:** 08091305-07

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	2		0.2		0.5	10	10/01/08 1:01	NW	4700260
Motor Oil	ND		0.29		0.5	10	10/01/08 1:01	NW	4700260
Surr: n-Pentacosane	111		0	%	20-150	10	10/01/08 1:01	NW	4700260

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: BC-1 **Collected:** 09/25/2008 13:15 **SPL Sample ID:** 08091305-07

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	3.7		0.017		0.05	1	10/01/08 5:54	CLJ	4698849
Surr: 1,4-Difluorobenzene	165MI	*	0	%	60-155	1	10/01/08 5:54	CLJ	4698849
Surr: 4-Bromofluorobenzene	129		0	%	50-158	1	10/01/08 5:54	CLJ	4698849
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	0.39	J	0.31		5	1	10/02/08 21:26	DY	4703499
1,2-Dichloroethane	ND		0.24		5	1	10/02/08 21:26	DY	4703499
Benzene	220		1.7		25	5	10/02/08 19:35	DY	4703494
Diisopropyl Ether	82		0.36		10	1	10/02/08 21:26	DY	4703499
Ethanol	ND		74		500	1	10/02/08 21:26	DY	4703499
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 21:26	DY	4703499
Ethylbenzene	32		0.34		5	1	10/02/08 21:26	DY	4703499
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 21:26	DY	4703499
Naphthalene	16		0.34		5	1	10/02/08 21:26	DY	4703499
t-Butyl Alcohol	ND		6		100	1	10/02/08 21:26	DY	4703499
tert-Amyl methyl ether	ND		0.26		10	1	10/02/08 21:26	DY	4703499
Toluene	22		0.25		5	1	10/02/08 21:26	DY	4703499
Xylenes,Total	38		0.299		5	1	10/02/08 21:26	DY	4703499
Surr: 1,2-Dichloroethane-d4	91.9		0	%	71-140	1	10/02/08 21:26	DY	4703499
Surr: 1,2-Dichloroethane-d4	98.9		0	%	71-140	5	10/02/08 19:35	DY	4703494
Surr: 4-Bromofluorobenzene	101		0	%	70-130	1	10/02/08 21:26	DY	4703499
Surr: 4-Bromofluorobenzene	99.4		0	%	70-130	5	10/02/08 19:35	DY	4703494
Surr: Toluene-d8	99.0		0	%	61-121	5	10/02/08 19:35	DY	4703494
Surr: Toluene-d8	94.8		0	%	61-121	1	10/02/08 21:26	DY	4703499

Joann Marroquin

Joann Marroquin
Project Manager

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B/V - Analyte detected in the associated Method Blank above Rep.Limit
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference
TNTC - Too numerous to count

HOUSTON LABORATORY
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Client Sample ID: ES-1 **Collected:** 09/25/2008 13:35 **SPL Sample ID:** 08091305-08

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**			
Diesel Range Organics	2.5		0.2	0.5		10	10/01/08 2:58	NW	4700264
Motor Oil	ND		0.29	0.5		10	10/01/08 2:58	NW	4700264
Surr: n-Pentacosane	121		0	% 20-150		10	10/01/08 2:58	NW	4700264

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

Qualifiers:

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B/V - Analyte detected in the associated Method Blank above Rep.Limit
>MCL - Result Over Maximum Contamination Limit(MCL)
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: ES-1 **Collected:** 09/25/2008 13:35 **SPL Sample ID:** 08091305-08

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	2.9		0.017		0.05	1	10/01/08 18:20	WLV	4700485
Surr: 1,4-Difluorobenzene	144		0	%	60-155	1	10/01/08 18:20	WLV	4700485
Surr: 4-Bromofluorobenzene	140		0	%	50-158	1	10/01/08 18:20	WLV	4700485
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 21:46	DY	4703500
1,2-Dichloroethane	0.49	J	0.24		5	1	10/02/08 21:46	DY	4703500
Benzene	140		0.35		5	1	10/02/08 21:46	DY	4703500
Diisopropyl Ether	130		0.36		10	1	10/02/08 21:46	DY	4703500
Ethanol	ND		74		500	1	10/02/08 21:46	DY	4703500
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 21:46	DY	4703500
Ethylbenzene	14		0.34		5	1	10/02/08 21:46	DY	4703500
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 21:46	DY	4703500
Naphthalene	11		0.34		5	1	10/02/08 21:46	DY	4703500
t-Butyl Alcohol	ND		6		100	1	10/02/08 21:46	DY	4703500
tert-Amyl methyl ether	ND		0.26		10	1	10/02/08 21:46	DY	4703500
Toluene	9.1		0.25		5	1	10/02/08 21:46	DY	4703500
Xylenes,Total	16		0.299		5	1	10/02/08 21:46	DY	4703500
Surr: 1,2-Dichloroethane-d4	92.4		0	%	71-140	1	10/02/08 21:46	DY	4703500
Surr: 4-Bromofluorobenzene	104		0	%	70-130	1	10/02/08 21:46	DY	4703500
Surr: Toluene-d8	98.6		0	%	61-121	1	10/02/08 21:46	DY	4703500

Joann Marroquin

Joann Marroquin
Project Manager

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B/V - Analyte detected in the associated Method Blank above Rep.Limit
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TNTC - Too numerous to count

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Client Sample ID: ES-5 **Collected:** 09/25/2008 13:30 **SPL Sample ID:** 08091305-09

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	1.9		0.2	0.5	10	10/01/08 1:31	NW	4700261
Motor Oil	ND		0.29	0.5	10	10/01/08 1:31	NW	4700261
Surr: n-Pentacosane	13 MI	*	0	% 20-150	10	10/01/08 1:31	NW	4700261

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.00

Joann Marroquin

Joann Marroquin
Project Manager

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID: ES-5 **Collected:** 09/25/2008 13:30 **SPL Sample ID:** 08091305-09

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	12		0.084		0.25	5	10/01/08 6:25	CLJ	4698850
Surr: 1,4-Difluorobenzene	164MI	*	0	%	60-155	5	10/01/08 6:25	CLJ	4698850
Surr: 4-Bromofluorobenzene	116		0	%	50-158	5	10/01/08 6:25	CLJ	4698850
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 22:09	DY	4703502
1,2-Dichloroethane	0.57	J	0.24		5	1	10/02/08 22:09	DY	4703502
Benzene	970		3.5		50	10	10/02/08 20:22	DY	4703496
Diisopropyl Ether	150		0.36		10	1	10/02/08 22:09	DY	4703502
Ethanol	ND		74		500	1	10/02/08 22:09	DY	4703502
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 22:09	DY	4703502
Ethylbenzene	400		3.4		50	10	10/02/08 20:22	DY	4703496
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 22:09	DY	4703502
Naphthalene	180		0.34		5	1	10/02/08 22:09	DY	4703502
t-Butyl Alcohol	ND		6		100	1	10/02/08 22:09	DY	4703502
tert-Amyl methyl ether	ND		0.26		10	1	10/02/08 22:09	DY	4703502
Toluene	190		0.25		5	1	10/02/08 22:09	DY	4703502
Xylenes,Total	350		0.3		5	1	10/02/08 22:09	DY	4703502
Surr: 1,2-Dichloroethane-d4	92.9		0	%	71-140	1	10/02/08 22:09	DY	4703502
Surr: 1,2-Dichloroethane-d4	93.4		0	%	71-140	10	10/02/08 20:22	DY	4703496
Surr: 4-Bromofluorobenzene	106		0	%	70-130	1	10/02/08 22:09	DY	4703502
Surr: 4-Bromofluorobenzene	100		0	%	70-130	10	10/02/08 20:22	DY	4703496
Surr: Toluene-d8	101		0	%	61-121	10	10/02/08 20:22	DY	4703496
Surr: Toluene-d8	89.8		0	%	61-121	1	10/02/08 22:09	DY	4703502

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Client Sample ID: BC-3 **Collected:** 09/25/2008 14:25 **SPL Sample ID:** 08091305-10

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B Units: mg/L**		
Diesel Range Organics	ND		0.021	0.053	1	10/01/08 14:42	NW	4700277
Motor Oil	1.3		0.031	0.053	1	10/01/08 14:42	NW	4700277
Surr: n-Pentacosane	60.9		0	% 20-150	1	10/01/08 14:42	NW	4700277

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	09/29/2008 15:18	N_M	1.06

Joann Marroquin

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8880 INTERCHANGE DRIVE
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(713) 660-0901

Client Sample ID: BC-3 **Collected:** 09/25/2008 14:25 **SPL Sample ID:** 08091305-10

Site: 2103 San Pablo Oakland Ca.

Analyses/Method	Result	QUAL	MDL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS						**MCL**	**SW8015B Units: mg/L**		
Gasoline Range Organics	ND		0.084		0.25	5	10/01/08 6:56	CLJ	4698851
Surr: 1,4-Difluorobenzene	93.9		0	%	60-155	5	10/01/08 6:56	CLJ	4698851
Surr: 4-Bromofluorobenzene	95.5		0	%	50-158	5	10/01/08 6:56	CLJ	4698851
VOLATILE ORGANICS BY METHOD 8260B						**MCL**	**SW8260B Units: ug/L**		
1,2-Dibromoethane	ND		0.31		5	1	10/02/08 18:49	DY	4703492
1,2-Dichloroethane	ND		0.24		5	1	10/02/08 18:49	DY	4703492
Benzene	ND		0.35		5	1	10/02/08 18:49	DY	4703492
Diisopropyl Ether	ND		0.36		10	1	10/02/08 18:49	DY	4703492
Ethanol	ND		74		500	1	10/02/08 18:49	DY	4703492
Ethyl tert-butyl ether	ND		0.14		10	1	10/02/08 18:49	DY	4703492
Ethylbenzene	0.56	J	0.34		5	1	10/02/08 18:49	DY	4703492
Methyl tert-butyl ether	ND		0.31		5	1	10/02/08 18:49	DY	4703492
Naphthalene	ND		0.34		5	1	10/02/08 18:49	DY	4703492
t-Butyl Alcohol	ND		6		100	1	10/02/08 18:49	DY	4703492
tert-Amyl methyl ether	0.7	J	0.26		10	1	10/02/08 18:49	DY	4703492
Toluene	0.58	J	0.25		5	1	10/02/08 18:49	DY	4703492
Xylenes,Total	ND		0.3		5	1	10/02/08 18:49	DY	4703492
Surr: 1,2-Dichloroethane-d4	95.9		0	%	71-140	1	10/02/08 18:49	DY	4703492
Surr: 4-Bromofluorobenzene	100		0	%	70-130	1	10/02/08 18:49	DY	4703492
Surr: Toluene-d8	100		0	%	61-121	1	10/02/08 18:49	DY	4703492

Joann Marroquin

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Project Manager

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Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Greyhound Lines Inc.

Greyhound-Oakland

Analysis: **Diesel Range Organics** **WorkOrder:** **08091305**
Method: **SW8015B** **Lab Batch ID:** **84011**

Method Blank

RunID: HP_V_081001A-4700269 Units: mg/L
Analysis Date: 10/01/2008 10:56 Analyst: NW
Preparation Date: 09/29/2008 15:18 Prep By: N_M Method SW3510C

Analyte	Result	Qual	Rep Limit	MDL
Diesel Range Organics	ND		0.050	0.02
Motor Oil	ND		0.050	0.029
Surr: n-Pentacosane	59.4		20-150	0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08091305-01B	ES-6
08091305-02B	ES-7
08091305-03B	ES-3
08091305-04B	ES-11
08091305-05B	ES-2
08091305-06B	ES-4
08091305-07B	BC-1
08091305-08B	ES-1
08091305-09B	ES-5
08091305-10B	BC-3

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_V_081001A-4700270 Units: mg/L
Analysis Date: 10/01/2008 11:25 Analyst: NW
Preparation Date: 09/29/2008 15:18 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics	2.00	1.81	90.3	2.00	1.81	90.4	0.1	20	21	175
Surr: n-Pentacosane	0.0500	0.0332	66.4	0.0500	0.0322	64.4	3.1	30	20	150

Qualifiers:
ND/U - Not Detected at the Method Detection Limit
E - Estimated Value exceeds calibration curve
J - Estimated value between MDL and PQL
B/V - Analyte detected in the associated Method Blank
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
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Quality Control Report

Greyhound Lines Inc.

Greyhound-Oakland

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08091305
Lab Batch ID: R252667

Method Blank

RunID: VARE_080930B-4698832 Units: mg/L
Analysis Date: 09/30/2008 16:03 Analyst: CLJ

Analyte	Result	Qual	Rep Limit	MDL
Gasoline Range Organics	ND		0.050	0.017
Surr: 1,4-Difluorobenzene	93.4		60-155	0
Surr: 4-Bromofluorobenzene	96.0		50-158	0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08091305-01C	ES-6
08091305-02C	ES-7
08091305-03C	ES-3
08091305-04C	ES-11
08091305-05C	ES-2
08091305-06C	ES-4
08091305-07C	BC-1
08091305-09C	ES-5
08091305-10C	BC-3

Laboratory Control Sample (LCS)

RunID: VARE_080930B-4698830 Units: mg/L
Analysis Date: 09/30/2008 15:00 Analyst: CLJ

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.929	92.9		70	130
Surr: 1,4-Difluorobenzene	0.100	0.0948	94.8		60	155
Surr: 4-Bromofluorobenzene	0.100	0.0961	96.1		50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08091288-01
RunID: VARE_080930B-4698836 Units: mg/L
Analysis Date: 09/30/2008 21:33 Analyst: CLJ

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	26.6		10	33.0	64.5		10	32.3	56.7		2.39		36	36	160
Surr: 1,4-Difluorobenzene	ND		1	0.97	97.0		1	0.972	97.2		0.278		30	60	155
Surr: 4-Bromofluorobenzene	ND		1	0.996	99.6		1	0.996	99.6		0.0703		30	50	158

Qualifiers:
ND/U - Not Detected at the Method Detection Limit
E - Estimated Value exceeds calibration curve
J - Estimated value between MDL and PQL
B/V - Analyte detected in the associated Method Blank
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
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QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Greyhound Lines Inc.

Greyhound-Oakland

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08091305
Lab Batch ID: R252751

Method Blank

RunID: VARE_081001A-4700484 Units: mg/L
Analysis Date: 10/01/2008 15:56 Analyst: WLV
Preparation Date: 10/01/2008 15:56 Prep By: Method SW5030B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08091305-08C	ES-1

Analyte	Result	Qual	Rep Limit	MDL
Gasoline Range Organics	ND		0.050	0.017
Surr: 1,4-Difluorobenzene	92.6		60-155	0
Surr: 4-Bromofluorobenzene	90.9		50-158	0

Laboratory Control Sample (LCS)

RunID: VARE_081001A-4700483 Units: mg/L
Analysis Date: 10/01/2008 14:54 Analyst: WLV
Preparation Date: 10/01/2008 14:54 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	1.03	103		70	130
Surr: 1,4-Difluorobenzene	0.100	0.0945	94.5		60	155
Surr: 4-Bromofluorobenzene	0.100	0.0936	93.6		50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08091063-02
RunID: VARE_081001A-4700487 Units: mg/L
Analysis Date: 10/01/2008 20:25 Analyst: WLV

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND		1	0.872	87.2		1	0.899	89.9		3.05		36	36	160
Surr: 1,4-Difluorobenzene	ND		0.1	0.0953	95.3		0.1	0.0947	94.7		0.632		30	60	155
Surr: 4-Bromofluorobenzene	ND		0.1	0.0936	93.6		0.1	0.0936	93.6		0		30	50	158

Qualifiers:

ND/U - Not Detected at the Method Detection Limit
E - Estimated Value exceeds calibration curve
J - Estimated value between MDL and PQL
B/V - Analyte detected in the associated Method Blank
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
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Quality Control Report

Greyhound Lines Inc.

Greyhound-Oakland

Analysis: **Volatile Organics by Method 8260B** **WorkOrder:** **08091305**
Method: **SW8260B** **Lab Batch ID:** **R252942**

Method Blank

RunID: MSDVOA2_080930F-4703439 Units: ug/L
Analysis Date: 10/01/2008 0:21 Analyst: DY
Preparation Date: 10/01/2008 0:21 Prep By: Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08091305-05A	ES-2

Analyte	Result	Qual	Rep Limit	MDL
Benzene	ND		5.0	0.35
Surr: 1,2-Dichloroethane-d4	89.9		71-140	0
Surr: 4-Bromofluorobenzene	101.3		70-130	0
Surr: Toluene-d8	101.2		61-121	0

Laboratory Control Sample (LCS)

RunID: MSDVOA2_080930F-47034 Units: ug/L
Analysis Date: 09/30/2008 23:17 Analyst: DY
Preparation Date: 09/30/2008 23:17 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
Benzene	20.0	20.1	100		70	130
Surr: 1,2-Dichloroethane-d4	50.0	46.7	93.4		71	140
Surr: 4-Bromofluorobenzene	50.0	49.2	98.4		70	130
Surr: Toluene-d8	50.0	49.6	99.2		61	121

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08091305-01
RunID: MSDVOA2_080930F-47034 Units: ug/L
Analysis Date: 10/01/2008 8:18 Analyst: DY

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
Benzene	ND		20	21.2	106		20	19.1	95.7		10.3		20	67	202
Surr: 1,2-Dichloroethane-d4	ND		50	46.7	93.4		50	46.0	92.1		1.42		30	71	140
Surr: 4-Bromofluorobenzene	ND		50	49.1	98.1		50	49.1	98.2		0.0497		30	70	130
Surr: Toluene-d8	ND		50	49.6	99.3		50	49.6	99.3		0.00584		30	61	121

Qualifiers:
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J - Estimated value between MDL and PQL
B/V - Analyte detected in the associated Method Blank
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Greyhound Lines Inc.

Greyhound-Oakland

Analysis: **Volatile Organics by Method 8260B** **WorkOrder:** **08091305**
Method: **SW8260B** **Lab Batch ID:** **R252945**

Method Blank

RunID: MSDVOA2_081002B-4703487 Units: ug/L
Analysis Date: 10/02/2008 15:33 Analyst: DY
Preparation Date: 10/02/2008 15:33 Prep By: Method

Analyte	Result	Qual	Rep Limit	MDL
1,2-Dibromoethane	ND		5.0	0.31
1,2-Dichloroethane	ND		5.0	0.24
Benzene	ND		5.0	0.35
Diisopropyl Ether	ND		10	0.36
Ethanol	ND		500	74
Ethyl tert-butyl ether	ND		10	0.14
Ethylbenzene	ND		5.0	0.34
Methyl tert-butyl ether	ND		5.0	0.31
Naphthalene	ND		5.0	0.34
t-Butyl Alcohol	ND		100	6
tert-Amyl methyl ether	ND		10	0.26
Toluene	ND		5.0	0.25
Xylenes,Total	ND		5.0	0.3
Surr: 1,2-Dichloroethane-d4	95.6		71-140	0
Surr: 4-Bromofluorobenzene	101.2		70-130	0
Surr: Toluene-d8	102.8		61-121	0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08091305-01A	ES-6
08091305-02A	ES-7
08091305-03A	ES-3
08091305-04A	ES-11
08091305-05A	ES-2
08091305-06A	ES-4
08091305-07A	BC-1
08091305-08A	ES-1
08091305-09A	ES-5
08091305-10A	BC-3

Laboratory Control Sample (LCS)

RunID: MSDVOA2_081002B-47037 Units: ug/L
Analysis Date: 10/02/2008 14:26 Analyst: DY
Preparation Date: 10/02/2008 14:26 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
1,2-Dibromoethane	20.0	19.7	98.7		71	134
1,2-Dichloroethane	20.0	19.4	96.9		73	128
Benzene	20.0	19.4	97.1		70	130
Diisopropyl Ether	20.0	19.6	97.9		70	130
Ethanol	1400	1740	124		50	150
Ethyl tert-butyl ether	20.0	19.4	97.0		57	140
Ethylbenzene	20.0	19.3	96.4		70	130
Methyl tert-butyl ether	20.0	19.6	97.9		60	140
Naphthalene	20.0	21.1	105		41	176
t-Butyl Alcohol	200	255	128		44	161
tert-Amyl methyl ether	20.0	19.9	99.4		60	139
Toluene	20.0	19.6	98.1		73	130
Xylenes,Total	60.0	59.1	98.5		70	130

Qualifiers:
ND/U - Not Detected at the Method Detection Limit
E - Estimated Value exceeds calibration curve
J - Estimated value between MDL and PQL
B/V - Analyte detected in the associated Method Blank
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Greyhound Lines Inc.

Greyhound-Oakland

Analysis: **Volatile Organics by Method 8260B** **WorkOrder:** **08091305**
Method: **SW8260B** **Lab Batch ID:** **R252945**

Laboratory Control Sample (LCS)

RunID: MSDVOA2_081002B-47037 Units: ug/L
Analysis Date: 10/02/2008 14:26 Analyst: DY
Preparation Date: 10/02/2008 14:26 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Qual	Lower Limit	Upper Limit
Surr: 1,2-Dichloroethane-d4	50.0	47.9	95.8		71	140
Surr: 4-Bromofluorobenzene	50.0	48.5	96.9		70	130
Surr: Toluene-d8	50.0	48.9	97.9		61	121

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08091305-04
RunID: MSDVOA2_081002B-47037 Units: ug/L
Analysis Date: 10/02/2008 22:31 Analyst: DY

Analyte	Sample Result	Smp Qual	MS Spike Added	MS Result	MS % Rcvry	MS Qual	MSD Spike Added	MSD Result	MSD % Rcvry	MSD Qual	RPD	RPD Qual	RPD Limit	Low Limit	High Limit
1,2-Dibromoethane	ND		20	20.1	101		20	19.0	95.2		5.60		20	64	142
1,2-Dichloroethane	ND		20	19.3	96.4		20	18.3	91.4		5.34		20	54	140
Benzene	ND		20	21.1	105		20	18.5	92.5		13.0		20	67	202
Diisopropyl Ether	ND		20	20.0	100		20	18.5	92.4		8.05		20	25	166
Ethanol	ND		1400	1790	128		1400	1870	134		4.27		20	50	150
Ethyl tert-butyl ether	ND		20	19.6	98.1		20	18.4	92.0		6.38		20	40	153
Ethylbenzene	ND		20	22.0	110		20	18.9	94.4		15.2		20	49	165
Methyl tert-butyl ether	ND		20	19.4	97.2		20	18.9	94.3		2.98		20	53	149
Naphthalene	ND		20	23.1	115		20	21.2	106		8.59		20	41	176
t-Butyl Alcohol	ND		200	256	128		200	246	123		4.10		20	42	200
tert-Amyl methyl ether	0.670	J	20	19.8	95.6		20	19.1	92.4		3.31		20	45	148
Toluene	ND		20	21.2	106		20	19.3	96.3		9.40		20	48	162
Xylenes,Total	ND		60	64	110		60	58	97		9.4		20	44	167
Surr: 1,2-Dichloroethane-d4	ND		50	48.5	97.0		50	48.2	96.4		0.607		30	71	140
Surr: 4-Bromofluorobenzene	ND		50	48.9	97.8		50	49.8	99.6		1.87		30	70	130
Surr: Toluene-d8	ND		50	50	100		50	49.9	99.8		0.206		30	61	121

Qualifiers:
ND/U - Not Detected at the Method Detection Limit
E - Estimated Value exceeds calibration curve
J - Estimated value between MDL and PQL
B/V - Analyte detected in the associated Method Blank
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	**08091305**	Received By:	**RE**
Date and Time Received:	**9/26/2008 10:30:00 AM**	Carrier name:	**Fedex-Priority**
Temperature:	**3.5°C**	Chilled by:	**Water Ice**

1.	**Shipping container/cooler in good condition?**	Yes ☑	No ☐	Not Present ☐
2.	**Custody seals intact on shippping container/cooler?**	Yes ☐	No ☐	Not Present ☑
3.	**Custody seals intact on sample bottles?**	Yes ☐	No ☐	Not Present ☑
4.	**Chain of custody present?**	Yes ☑	No ☐	
5.	**Chain of custody signed when relinquished and received?**	Yes ☑	No ☐	
6.	**Chain of custody agrees with sample labels?**	Yes ☑	No ☐	
7.	**Samples in proper container/bottle?**	Yes ☑	No ☐	
8.	**Sample containers intact?** 1. Received 1-amber liter preserved with HCL broken for sample ID:"ES-6" and two vial containers broken for "ES-1".	Yes ☐	No ☑	
9.	**Sufficient sample volume for indicated test?**	Yes ☑	No ☐	
10.	**All samples received within holding time?**	Yes ☑	No ☐	
11.	**Container/Temp Blank temperature in compliance?**	Yes ☑	No ☐	
12.	**Water - VOA vials have zero headspace?**	Yes ☐	No ☐	VOA Vials Not Present ☑
13.	**Water - Preservation checked upon receipt (except VOA*)?**	Yes ☐	No ☐	Not Applicable ☑

***VOA Preservation Checked After Sample Analysis**

SPL Representative: | **Contact Date & Time:**

Client Name Contacted:

Non Conformance Issues: 1. Logged in remaining containers for analysis.

Client Instructions:

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 08091305 — 320411 — page 1 of 2

Client Name: Green Star Environmental
Address: 334 McDonell St Suite 9 Lewisville TX
Phone/Fax: 214 222 8752 / 214 222 8762
Client Contact: Trent Ripley Email: tripley@...
Project Name/No.: GLI Oakland
Site Name:
Site Location: 2103 San Pablo Oakland CA
Invoice To: Ph:

Matrix: W=water S=soil O=oil SL=sludge X=other
Bottle: P=plastic A=amber glass G=glass V=vial X=other
Size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
Pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	TPH DRO 8015	TPH GRO 8015	* VOC 8260 *	See Joann for VOC detection limits					
ES-6	9.24.08	1345		G	W	A/V	1/40	1	8	X	X	X						
ES-7	9.24.08	1415		G	W	A/V	1/40	1	8	X	X	X						
ES-3	9.24.08	1430		G	W	A/V	1/40	1	8	X	X	X						
ES-11	9.25.08	1145		G	W	A/V	1/40	1	8	X	X	X						
ES-2	9.25.08	1210		G	W	A/V	1/40	1	8	X	X	X						
ES-4	9.25.08	1245		G	W	A/V	1/40	1	8	X	X	X						
BC-1	9.25.08	1315		G	W	A/V	1/40	1	8	X	X	X						
ES-1	9.25.08	1335		G	W	A/V	1/40	1	8	X	X	X						
ES-5	9.25.08	1350		G	W	A/V	1/40	1	8	X	X	X						
BC-3	9.25.08	1425		G	W	A/V	1/40	1	8	X	X	X						

Client/Consultant Remarks: * VOCs to Run BTEX, naphthalene, MTBE, ETBE, TAME, DIPE, EDC, EDB, TBA, ETOH *

Laboratory remarks:

Intact? ☐ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 3.5C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ ____________

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): [initials]

	date	time	
1. Relinquished by Sampler: [signature]	9.25.08	1600	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	9/26/08	1030	6. Received by Laboratory: [signature]

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 0809305 — 320412 — page 2 of 2

Client Name: Green Star Environmental
Address: 359 McDaniel St Suite 9 Lewisville TX
Phone/Fax: 2142228752 / 2142228762
Client Contact: Trent Ripley Email: tripley@greenstarenv.com
Project Name/No.: GLI Oakland
Site Name:
Site Location: 2103 San Pablo Oakland CA
Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: Hold
TripBlank	9.4.08	PM		G	W	V	40	1	2	X

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N
Ice? ☐ Y ☐ N
Temp: 3.5c

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	9.5.08	1600	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	9/6/08	1030	6. Received by Laboratory:

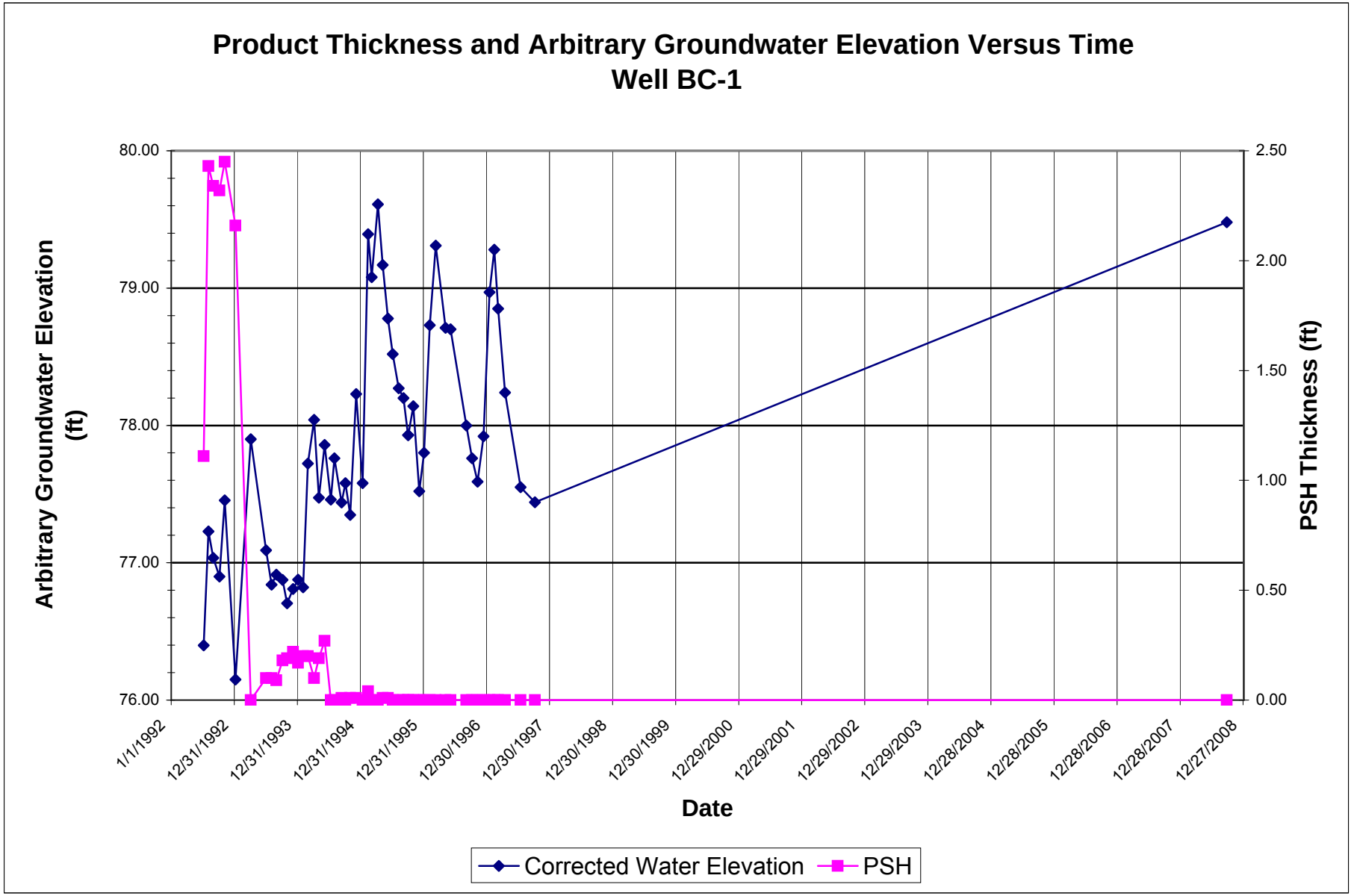
☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

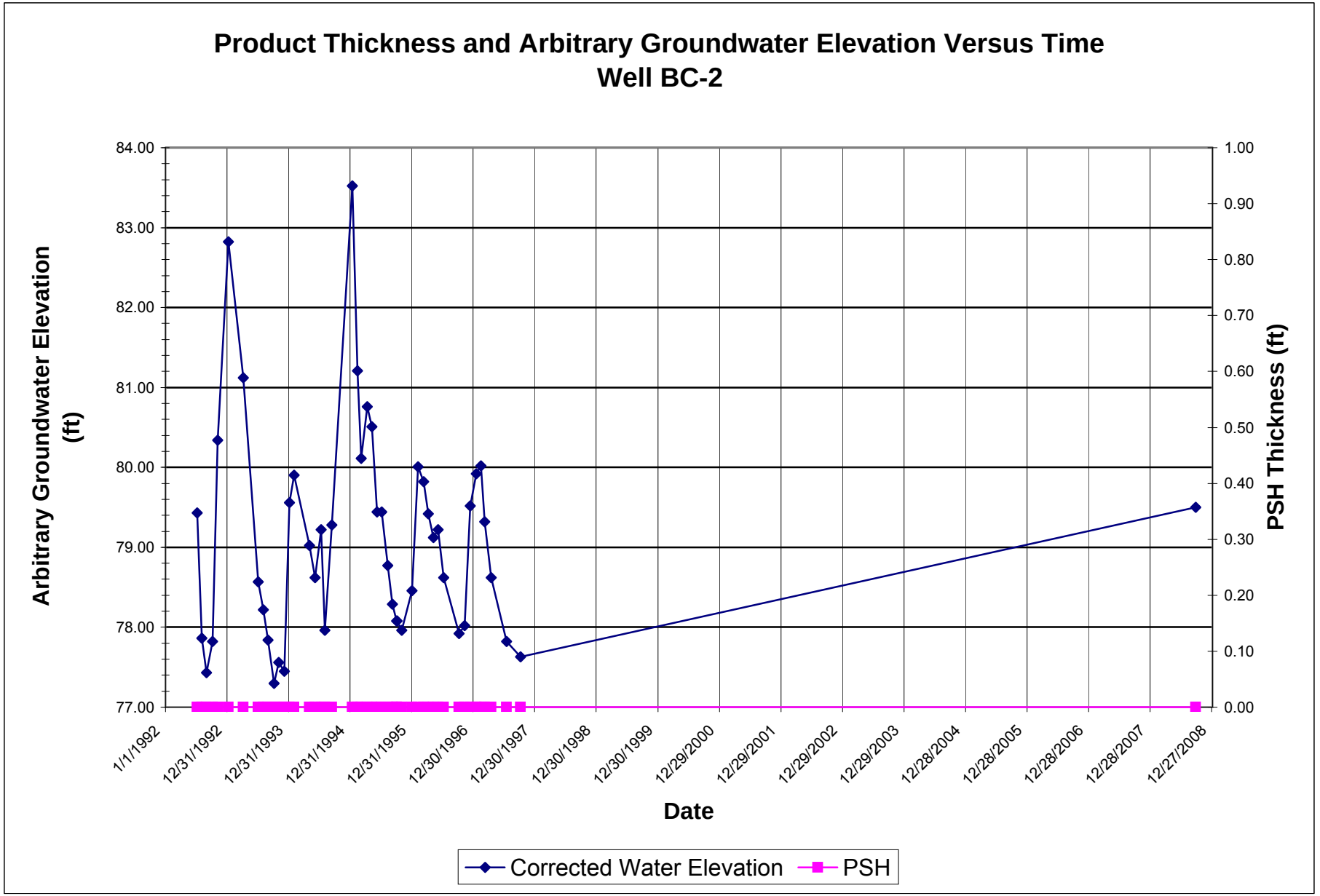
☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

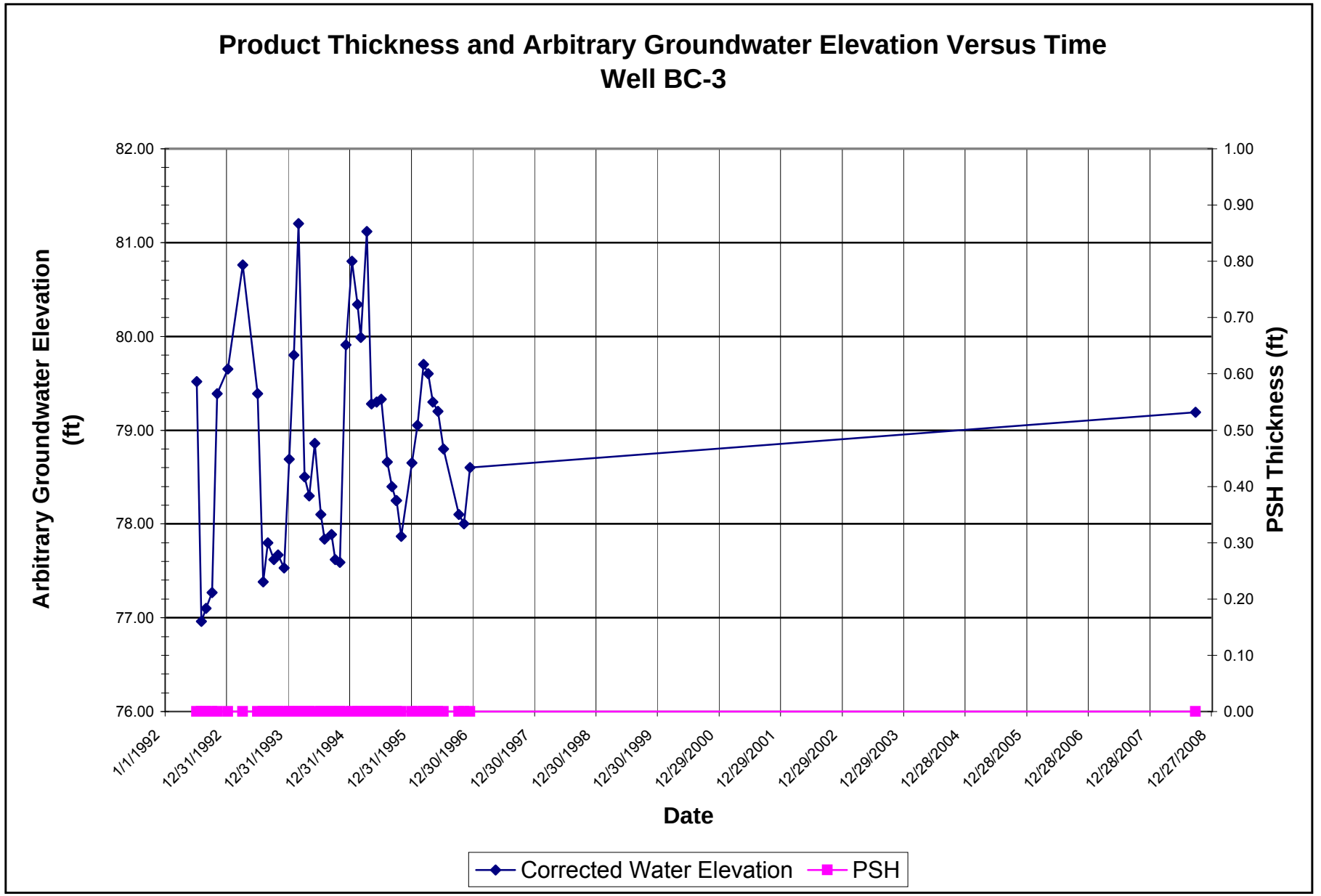
☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

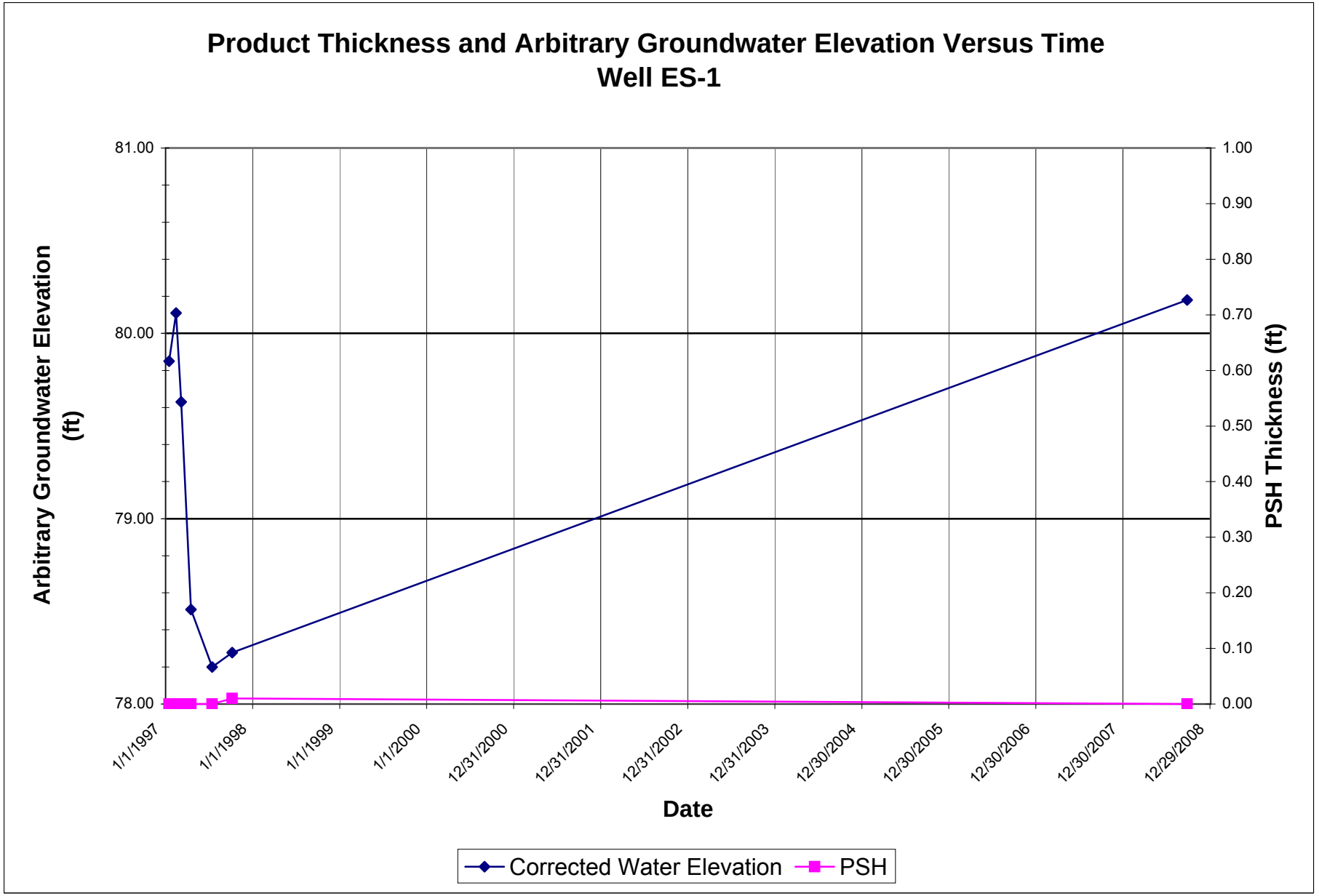
APPENDIX B

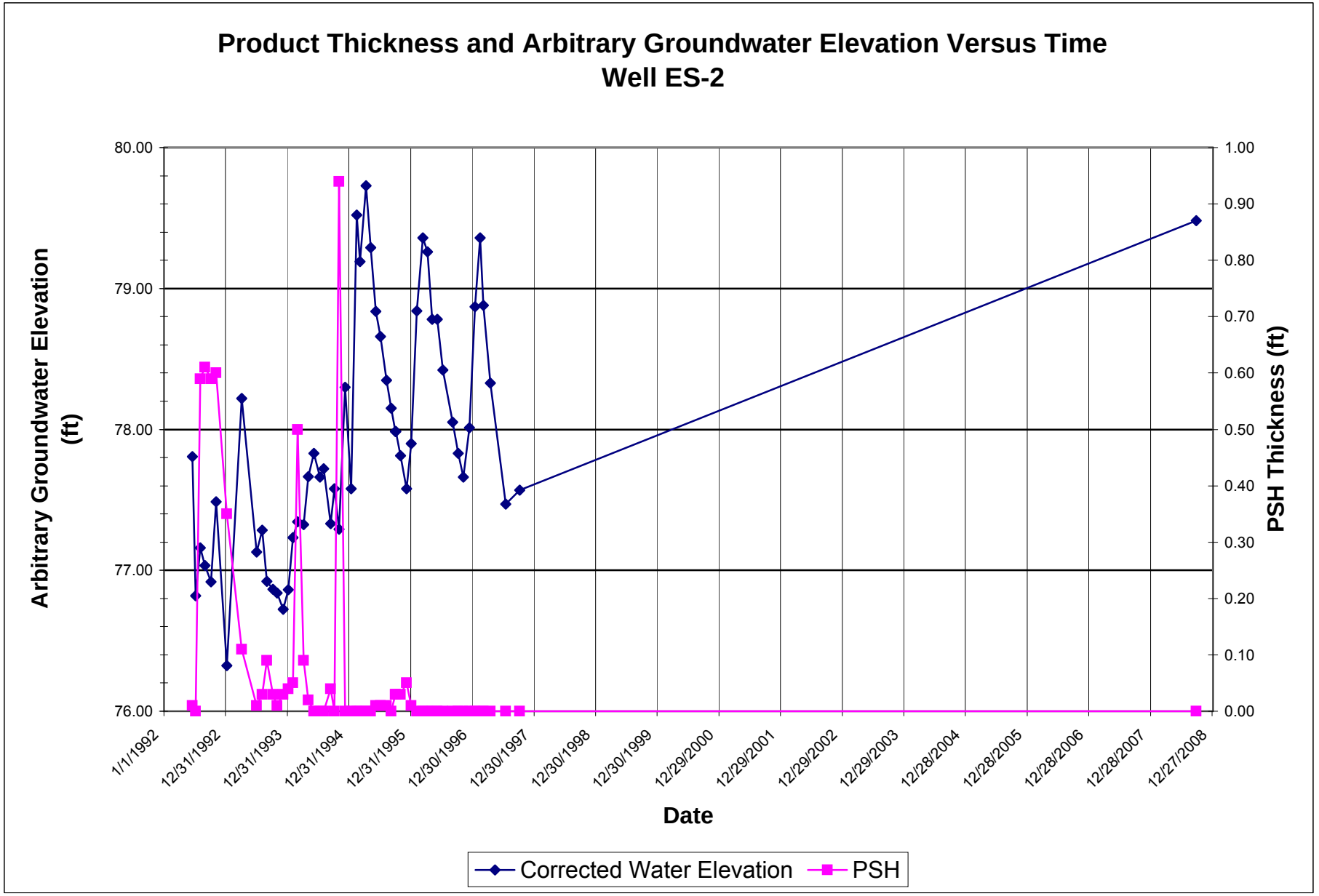
PSH Thickness and Arbitrary Groundwater Elevation Graphs

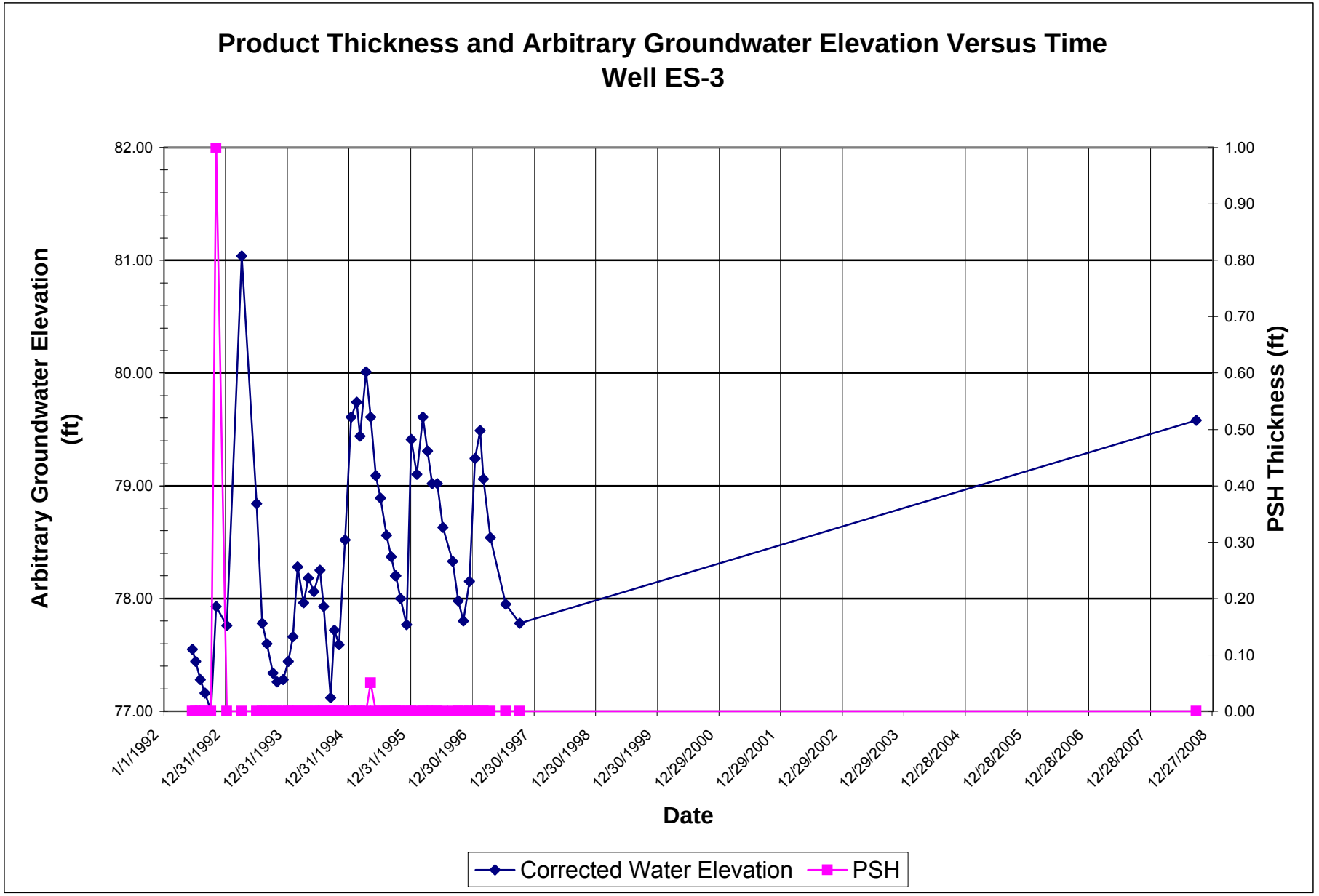

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well BC-1
Arbitrary Groundwater Elevation (ft)
80.00
79.00
78.00
77.00
76.00
2.50
2.00
1.50
1.00
0.50
0.00
PSH Thickness (ft)
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
12/29/2000
12/29/2001
12/29/2002
12/29/2003
12/28/2004
12/28/2005
12/28/2006
12/28/2007
12/27/2008
Date
Corrected Water Elevation
PSH

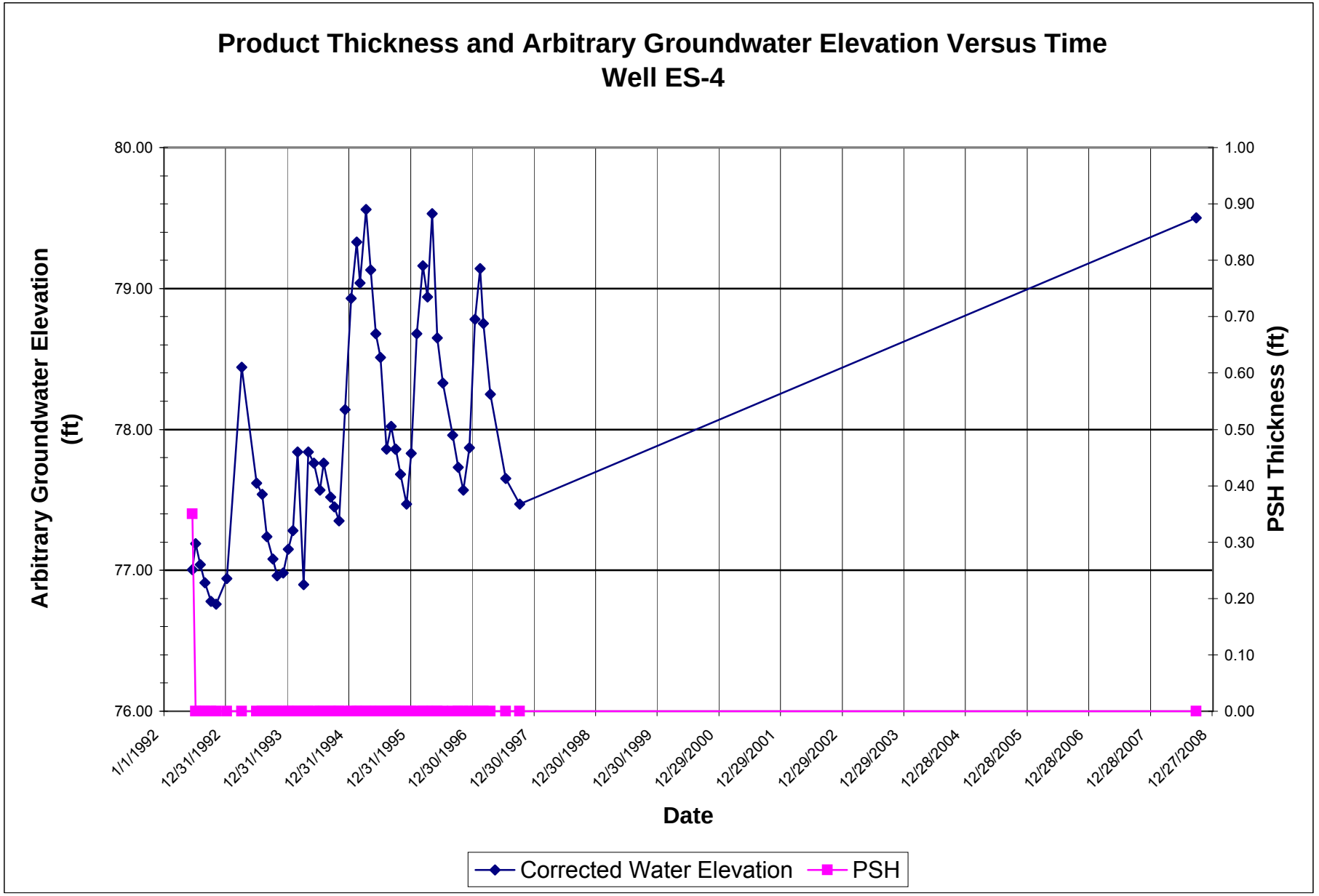

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well BC-2
Arbitrary Groundwater Elevation (ft)
84.00
83.00
82.00
81.00
80.00
79.00
78.00
77.00
PSH Thickness (ft)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
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
Date
Corrected Water Elevation
PSH

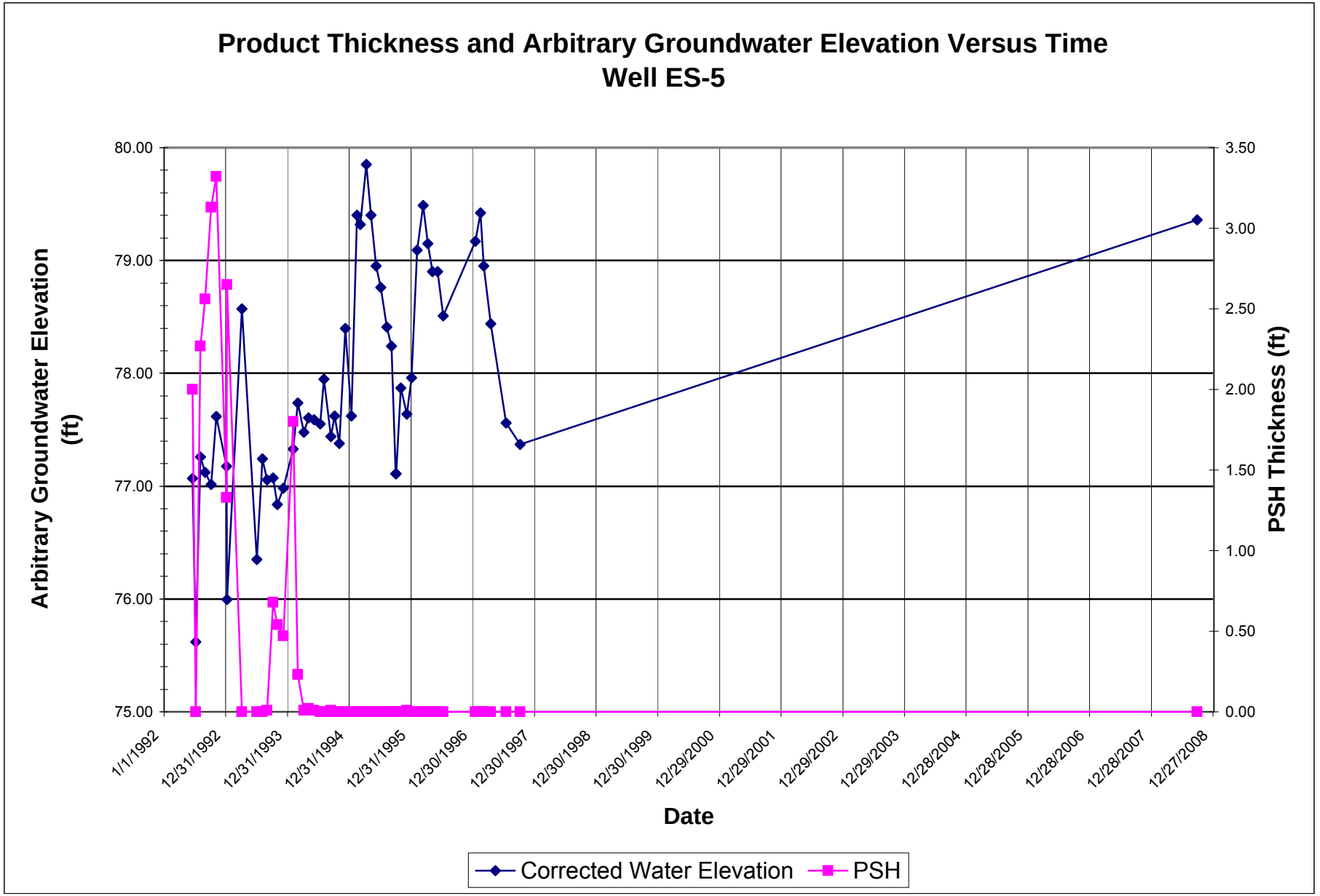

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well BC-3
Arbitrary Groundwater Elevation (ft)
PSH Thickness (ft)
82.00
81.00
80.00
79.00
78.00
77.00
76.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
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
Date
Corrected Water Elevation
PSH

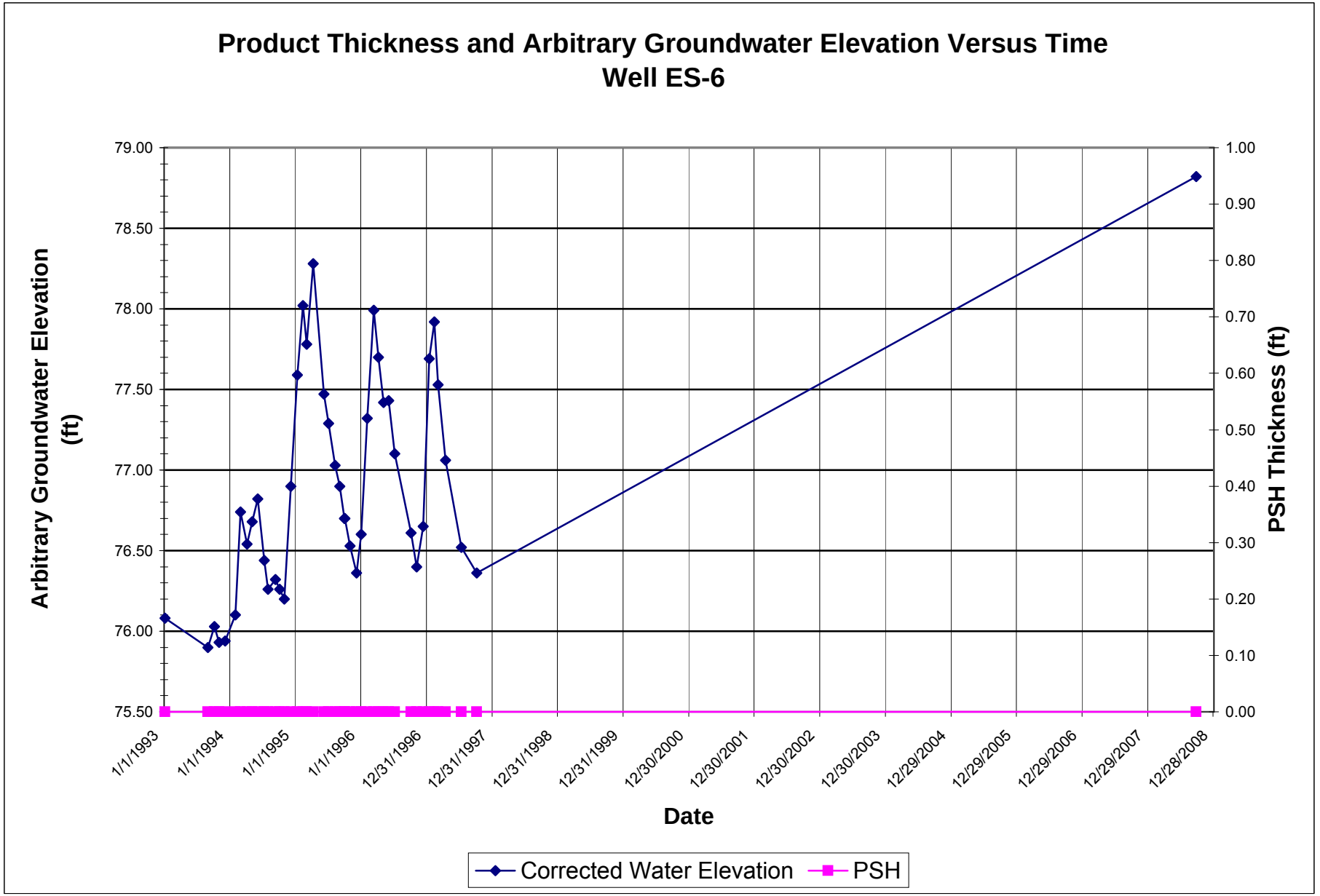

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-1
Arbitrary Groundwater Elevation (ft)
81.00
80.00
79.00
78.00
PSH Thickness (ft)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1997
1/1/1998
1/1/1999
1/1/2000
12/31/2000
12/31/2001
12/31/2002
12/31/2003
12/30/2004
12/30/2005
12/30/2006
12/30/2007
12/29/2008
Date
Corrected Water Elevation
PSH

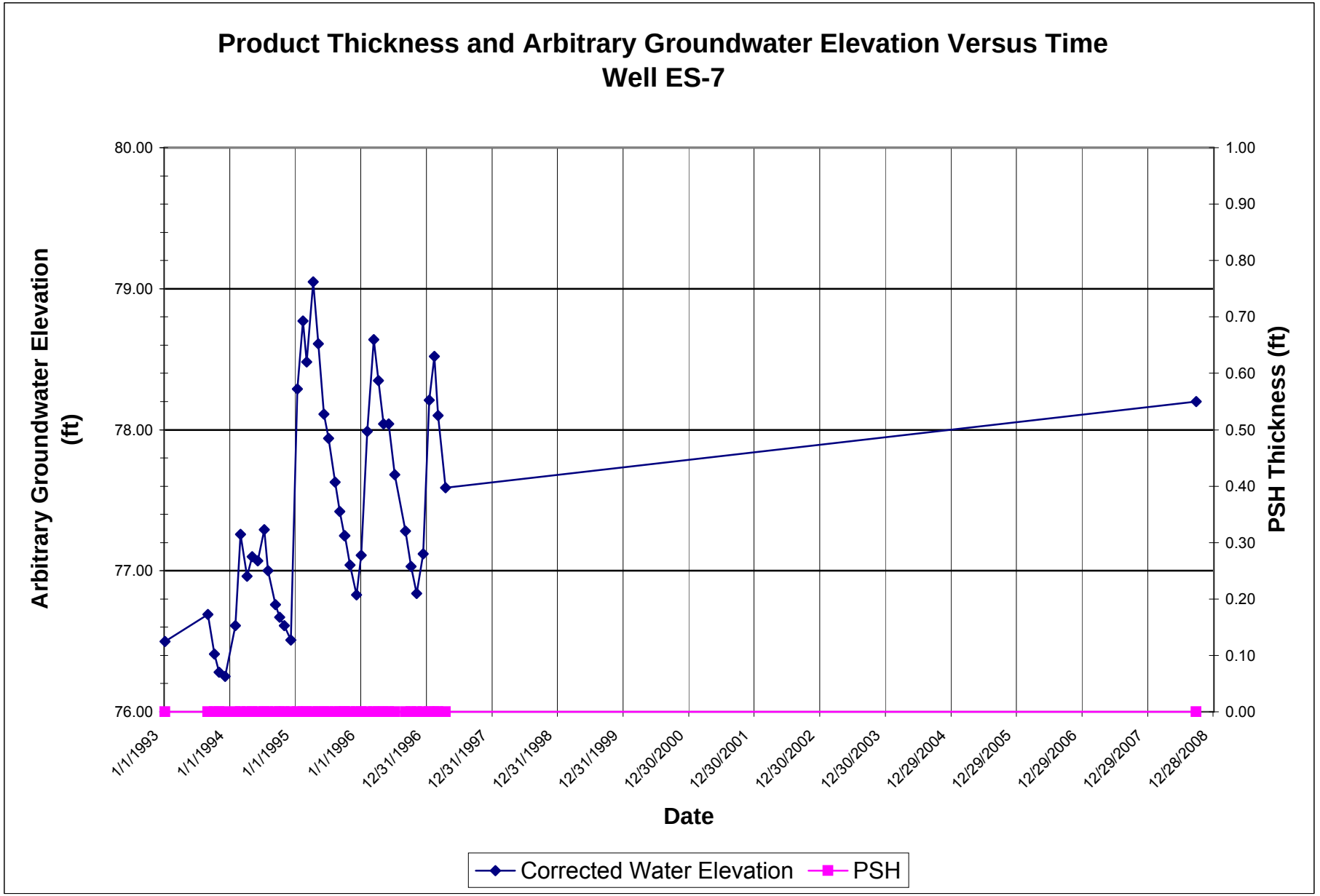

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-2
Arbitrary Groundwater Elevation (ft)
80.00
79.00
78.00
77.00
76.00
PSH Thickness (ft)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
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
Date
Corrected Water Elevation
PSH

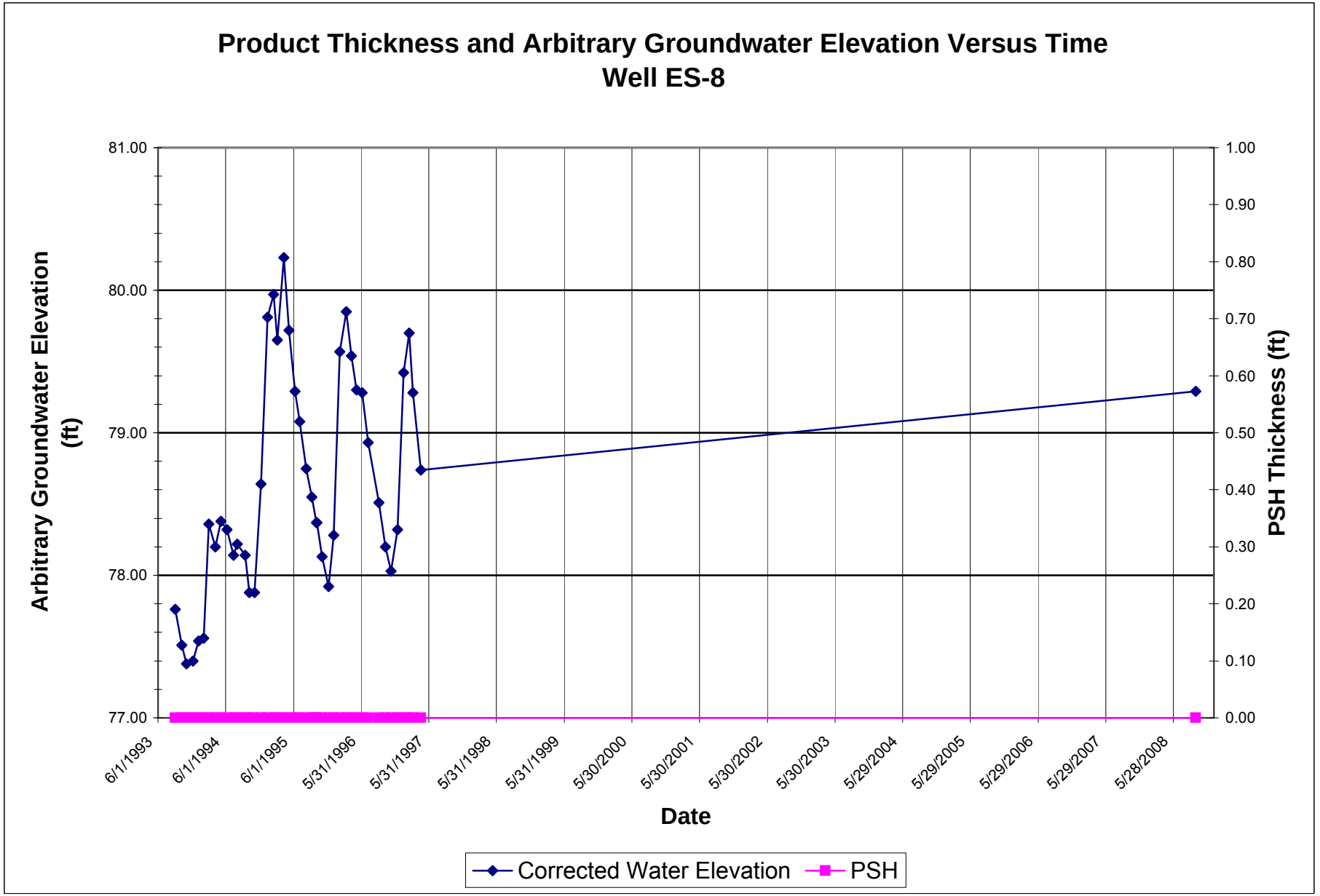

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-3
Arbitrary Groundwater Elevation (ft)
PSH Thickness (ft)
82.00
81.00
80.00
79.00
78.00
77.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
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
Date
Corrected Water Elevation
PSH

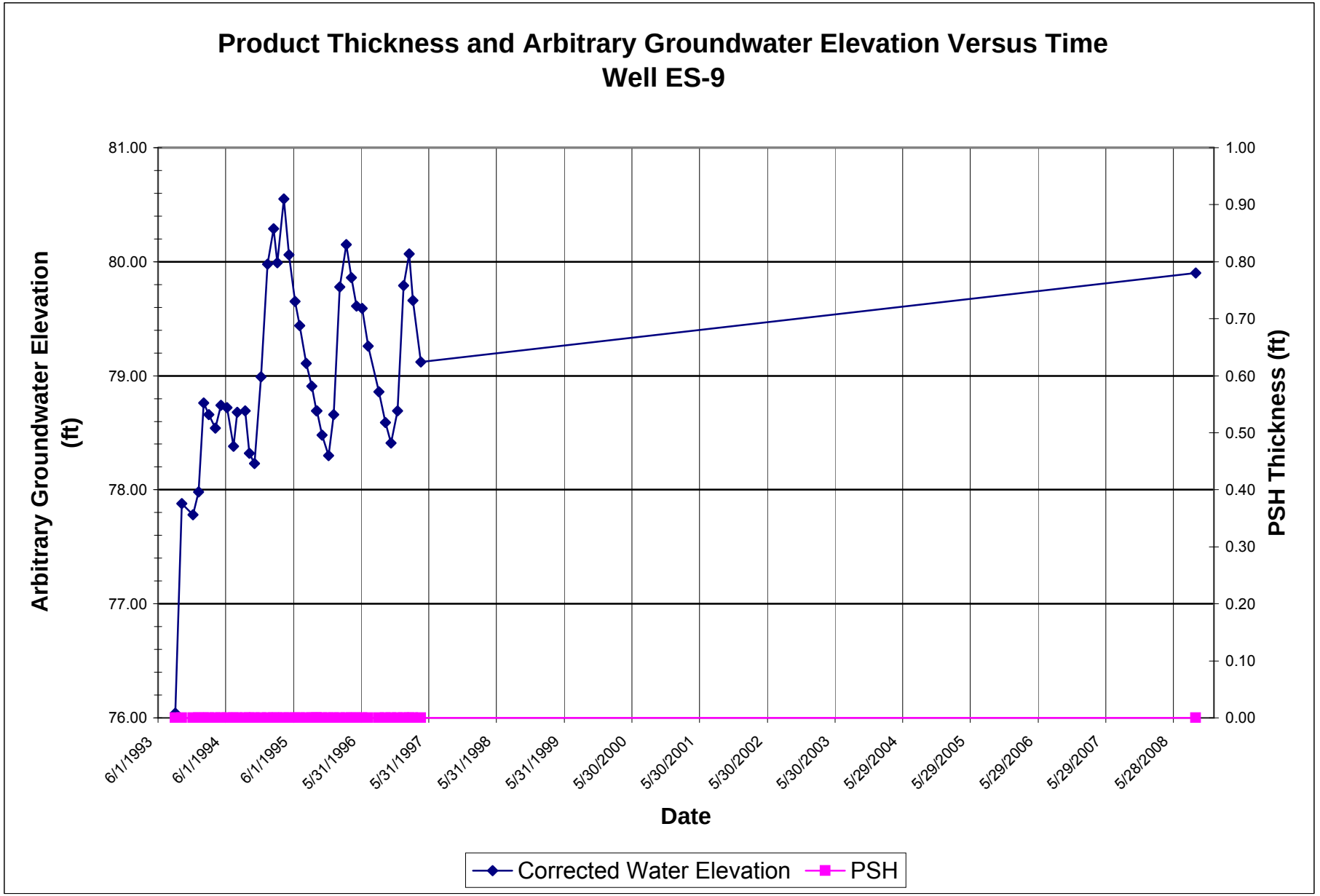

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-4
Arbitrary Groundwater Elevation (ft)
80.00
79.00
78.00
77.00
76.00
PSH Thickness (ft)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
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
Date
Corrected Water Elevation
PSH

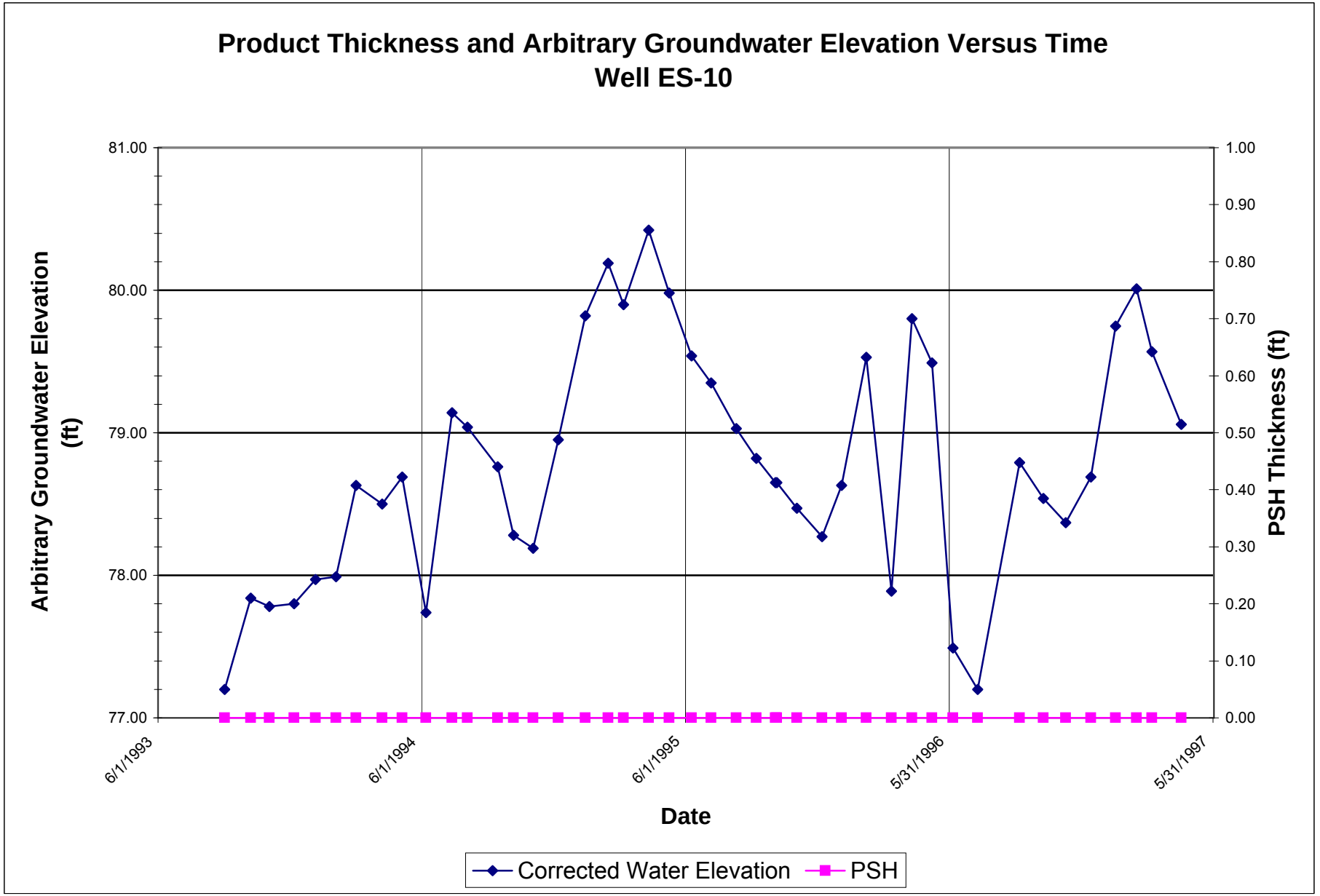

Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-5
Arbitrary Groundwater Elevation (ft)
80.00
79.00
78.00
77.00
76.00
75.00
PSH Thickness (ft)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1/1/1992
12/31/1992
12/31/1993
12/31/1994
12/31/1995
12/30/1996
12/30/1997
12/30/1998
12/30/1999
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
Date
Corrected Water Elevation
PSH


Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-6
Arbitrary Groundwater Elevation (ft)
PSH Thickness (ft)
79.00
78.50
78.00
77.50
77.00
76.50
76.00
75.50
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1/1/1993
1/1/1994
1/1/1995
1/1/1996
12/31/1996
12/31/1997
12/31/1998
12/31/1999
12/30/2000
12/30/2001
12/30/2002
12/30/2003
12/29/2004
12/29/2005
12/29/2006
12/29/2007
12/28/2008
Date
Corrected Water Elevation
PSH


Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-7
Arbitrary Groundwater Elevation (ft)
80.00
79.00
78.00
77.00
76.00
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
1/1/1993
1/1/1994
1/1/1995
1/1/1996
12/31/1996
12/31/1997
12/31/1998
12/31/1999
12/30/2000
12/30/2001
12/30/2002
12/30/2003
12/29/2004
12/29/2005
12/29/2006
12/29/2007
12/28/2008
Date
Corrected Water Elevation
PSH


Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-8
Arbitrary Groundwater Elevation (ft)
PSH Thickness (ft)
81.00
80.00
79.00
78.00
77.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
6/1/1993
6/1/1994
6/1/1995
5/31/1996
5/31/1997
5/31/1998
5/31/1999
5/30/2000
5/30/2001
5/30/2002
5/30/2003
5/29/2004
5/29/2005
5/29/2006
5/29/2007
5/28/2008
Date
Corrected Water Elevation
PSH


Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-9
Arbitrary Groundwater Elevation (ft)
PSH Thickness (ft)
81.00
80.00
79.00
78.00
77.00
76.00
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
6/1/1993
6/1/1994
6/1/1995
5/31/1996
5/31/1997
5/31/1998
5/31/1999
5/30/2000
5/30/2001
5/30/2002
5/30/2003
5/29/2004
5/29/2005
5/29/2006
5/29/2007
5/28/2008
Date
Corrected Water Elevation
PSH


Product Thickness and Arbitrary Groundwater Elevation Versus Time
Well ES-10
Arbitrary Groundwater Elevation (ft)
81.00
80.00
79.00
78.00
77.00
PSH Thickness (ft)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
6/1/1993
6/1/1994
6/1/1995
5/31/1996
5/31/1997
Date
Corrected Water Elevation
PSH

APPENDIX C

Groundwater Sampling Records

Green Star Environmental - Well Gauging Data Sheet - Main Sheet

Site Name: GLI Oakland Project No: 08-1379

Date: 9-24-08 Measured By: DJD Instrument Used: Keck Interface Probe

Well Number	Depth to PSH (feet)	Depth to Water (feet BGS)	Total Well Depth (feet)	Three Well Volumes (gallons)	Total Fluids Purged (gallons)	SAMPLES TAKEN (Check all that Apply)						Notes
						BTEX	TPH	MTBE	TDS	PAH	Other	
ES-6		19.02	34.98	31.6								bailer in well
ES-7		18.20	31.28	25.9								
ES-3		17.38	31.44	27.84								
BC-2		16.82	19.90	6.1								
BC-3		17.01	20.11	6.14								
ES-11		16.29	35.00	37.05								no bolts
ES-8		17.35	28.94	22.95								
ES-9		15.88	34.91	37.68								
BC-1		16.68	29.55	25.48								no cap
ES-4		16.20	29.94	27.21								
ES-2		16.96	30.19	26.20								
ES-5		16.49	30.06	26.87								no cap
ES-1		16.46	30.13	27.07								

note everything abnormal in the field (missing bolts, cracked well caps, ½ full sample bottles, wells that take long to recharge, etc.)

NOTES: BC-2 Slopes toward Street
BC-3 Slopes North

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. BC-1
	PROJECT NAME: GLI Oakland	JOB NO. 08-1379
	LOCATION: 2103 San Pablo Oakland, CA	
	REPRESENTATIVE: DSD	DATE: 9-25-08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.68
MEASURED FROM: TOC	TOTAL DEPTH: 29.55	ONE BOREHOLE/CASING VOLUME (GAL): 8.5
PURGING METHOD: Elec Pump	PUMP DEPTH: 17 – 20 ft	PUMP RATE: ~ 1.7 gpm

DURATION OF PUMPING		PURGE VOLUME (GAL)	TEMPERATURE (°F)	PH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)	
drawdown	TIME					ORP	
	Time	26					
18.47	812	5	18.86	6.90	1,067	19.5	low
18.88	815	10	18.94	6.83	1.003	-4.4	low
19.04	817	15	18.90	6.84	0.938	-13.8	low
19.29	821	20	18.89	6.86	0.884	-21.3	low
19.30	824	25	18.89	6.84	0.873	-25.7	low
19.36	827	26	18.88	6.86	0.853	-27.7	low

TOTAL VOLUME PURGED 26 gallons	TIME FINISHED PURGING 827
DEPTH TO WATER AFTER PURGING 19.36	MAXIMUM DRAWDOWN 2.68 ft

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPHDRO+GRO +VOC	TIME 1315	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.481π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. BC-2
	PROJECT NAME: GLI Oakland	JOB NO 08-1379
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9.25.08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.82
MEASURED FROM: TOC	TOTAL DEPTH: 19.90	ONE BOREHOLE/CASING VOLUME (GAL): 2 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 17 - 19	PUMP RATE: ~1 gpm

DURATION OF PUMPING TIME	PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)
1100	1.5	18.80	7.74	0.702	115.1 / high
1102	2	Dry			

TOTAL VOLUME PURGED	2 gallons	TIME FINISHED PURGING	1102
DEPTH TO WATER AFTER PURGING	dry	MAXIMUM DRAWDOWN	3.08 ft

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED NA	TIME	
FREE PRODUCT THICKNESS	ODOR?	
COMMENTS		

BOREHOLE VOLUME = [7.481π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. BC-3
	PROJECT NAME: Old Oakland	JOB NO. 08-1779
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9-25-08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 17.01
MEASURED FROM: TOC	TOTAL DEPTH: 20.11	ONE BOREHOLE/CASING VOLUME (GAL): 2 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 18-20	PUMP RATE: ~1.2 gpm

DURATION OF PUMPING TIME	PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)
18.65 1015	1.5	18.70	7.91	0.659	Gal hrs
20.11 1021	3.5	Dry	well		
	~~4.5~~				
	~~6~~				

TOTAL VOLUME PURGED	3.5 gal	TIME FINISHED PURGING	1021
DEPTH TO WATER AFTER PURGING	Dry	MAXIMUM DRAWDOWN	3.1 ft

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED: TPH Gas + Dies + VOC	TIME: 1025	
FREE PRODUCT THICKNESS: NA	ODOR? none	
COMMENTS:		

BOREHOLE VOLUME = [7.481Π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-1
	PROJECT NAME: GCI Oakland	JOB NO. 08-1379
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9-15-08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.46
MEASURED FROM: TOC	TOTAL DEPTH: 30.13	ONE BOREHOLE/CASING VOLUME (GAL): 9 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 17-21 ft	PUMP RATE: ~1.7 gpm

DURATION OF PUMPING		PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY ORP (NTUs)	
Origin	TIME Time	27					
17.96	900	5	20.58	6.96	1,197	-1.6	mid
18.54	904	10	20.44	6.83	1,189	-10.0	mod
19.24	907	15	20.17	6.82	1,142	-9.7	mod
19.82	9010	20	20.14	6.78	1,132	-12.7	mod
20.20	911	25	20.13	6.79	1,120	-17.5	mod
20.15	916	27	20.08	6.77	1,097	-13.4	mod

TOTAL VOLUME PURGED 27 gal	TIME FINISHED PURGING 916
DEPTH TO WATER AFTER PURGING 20.15	MAXIMUM DRAWDOWN 3.69 ft

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPH Dro+Gro + VOC	TIME 1335	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.48π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-2
	PROJECT NAME: GLI Oakland	JOB NO. 08-1379
	LOCATION: 2103 San Pablo Oakland, CA	
	REPRESENTATIVE: DJD	DATE: 9-25-08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.96
MEASURED FROM: TOC	TOTAL DEPTH: 30.19	ONE BOREHOLE/CASING VOLUME (GAL): 8.73
PURGING METHOD: Elec Pump	PUMP DEPTH: 17-20 ft	PUMP RATE: ~ 1.9 gpm

DURATION OF PUMPING TIME		PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)	
18.13	0700	5	18.72	6.98	0.999	1170	low
18.85	0703	10	18.39	6.86	1.042	591	low
19.12	0705	15	18.32	6.88	1.062	247	low
19.61	0708	20	18.34	6.86	1.057	10.8	low
19.75	0711	25	18.34	6.97	1.028	+0.6	low
19.85	0714	27	18.34	6.85	1.013	-16.2	low

TOTAL VOLUME PURGED	27 gal	TIME FINISHED PURGING	714
DEPTH TO WATER AFTER PURGING	19.85	MAXIMUM DRAWDOWN	2.89

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPHG+Dro + VOC	TIME 1210	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.481T/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-3
	PROJECT NAME: GLI Oakland	JOB NO 08-1377
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DD	DATE: 9.24.08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 17.38
MEASURED FROM: TOC	TOTAL DEPTH: 31.44	ONE BOREHOLE/CASING VOLUME (GAL): 9.28 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 18-21 ft	PUMP RATE: ~1.76 gal

DURATION OF PUMPING		PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)	
dra	dow ~~TIME~~ Time	28 Purge				ORP	
1910	1635	5	20.01	6.57	1.322	229.5	clear
1918	1638	10	19.76	6.59	1.602	233.2	clear
2020	1642	15	20.14	6.58	1.656	232.0	clear
2036	1645	20	19.61	6.54	1.760	232.8	clear
2052	1647	25	19.48	6.55	1.706	227.8	clear
2066	1652	30	19.97	6.57	1.714	227.4	clear

TOTAL VOLUME PURGED	30 gal	TIME FINISHED PURGING	1652
DEPTH TO WATER AFTER PURGING	20.66	MAXIMUM DRAWDOWN	3.28 ft

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPH Gas + Dro + VOC	TIME 1730	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.48π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-4
	PROJECT NAME: GLC Oakland	JOB NO 08-1379
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9.25.06

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.20
MEASURED FROM: TOC	TOTAL DEPTH: 29.99	ONE BOREHOLE/CASING VOLUME (GAL): 9.07 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 17-19	PUMP RATE: ~1.3 gpm

DURATION OF PUMPING		PURGE VOLUME (GAL)	TEMPERATURE (°F)	PH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)	
Duration	TIME	28				ORP	
17.34	731	5	19.99	7.14	0.431	67.1	low
18.10	739	10	19.97	6.88	0.470	57.4	low
18.43	741	15	19.75	6.94	0.565	53.2	low
18.63	745	20	19.72	6.99	0.594	46.5	low
18.66	747	25	19.66	7.04	0.594	48.9	low
18.72	752	28	19.63	7.05	0.527	46.8	low

TOTAL VOLUME PURGED	28 gal	TIME FINISHED PURGING	752
DEPTH TO WATER AFTER PURGING	18.72	MAXIMUM DRAWDOWN	2.52

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPH6m's + Dm + VOC	TIME 1245	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.48π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-5
	PROJECT NAME: GLI Oakland	JOB NO 08-1379
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9-25-08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.49
MEASURED FROM: TOC	TOTAL DEPTH: 30.06	ONE BOREHOLE/CASING VOLUME (GAL): 8.95 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 17-20 ft	PUMP RATE: 1.8 gpm

DURATION OF PUMPING		PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)	
Duration	TIME Time	27				OR P	
17.95	945	5	19.94	6.86	1,165	-10.7	low
18.84	949	10	19.89	6.92	1,167	-34.9	low
19.94	951	15	19.69	6.91	1,153	-38.9	low
19.65	954	20	19.65	6.88	1,210	-38.0	low
19.68	957	25	19.63	6.86	1,251	-39.4	low
19.67	1000	27	19.65	6.83	1,275	-41.8	low

TOTAL VOLUME PURGED	27 gal	TIME FINISHED PURGING	1000
DEPTH TO WATER AFTER PURGING	19.67	MAXIMUM DRAWDOWN	3.18 ft

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPH Gas BTEX + VOC	TIME 1350	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.48π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-6
	PROJECT NAME: GLI Oakland	JOB NO. 08-1379
	LOCATION: 2107 San Pablo Oakland, CA	
	REPRESENTATIVE: DJD	DATE: 9.24.08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: N/A	DEPTH TO WATER: 19.02
MEASURED FROM: TOC	TOTAL DEPTH: 34.98	ONE BOREHOLE/CASING VOLUME (GAL): 10.5
PURGING METHOD: Elec. Pump	PUMP DEPTH: 19.5 - 21 ft	PUMP RATE: ~ 1gpm

DURATION OF PUMPING TIME		PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	O.R.P	TURBIDITY (NTUs)
	107	1	21.18	7.27	0.675	370.1	low
NA	111	6	20.00	7.09	0.575	375.6	low
NA	115	11	19.90	7.02	0.651	380.6	low
NA	122	16	20.65	6.97	0.670	378.4	low
20.20	128	21	20.35	7.00	0.737	378.2	low
20.70	132	26	19.99	6.97	0.789	380.3	low
20.78	141	32	19.85	7.01	0.691	377.4	low

TOTAL VOLUME PURGED	31 gallons	TIME FINISHED PURGING	141
DEPTH TO WATER AFTER PURGING	20.78	MAXIMUM DRAWDOWN	1.76 feet

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPH 6/10 + BTEX + VOC	TIME 1345	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.48π/4] x (WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x (WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-7
	PROJECT NAME: GLI Oakland	JOB NO 08-1377
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9.24.08

CASING DIAMETER: 4	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 18.20
MEASURED FROM: TOC	TOTAL DEPTH: 31.28	ONE BOREHOLE/CASING VOLUME (GAL): 8.63 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 19-21 ft	PUMP RATE: ~0.96 gpm

DURATION OF PUMPING		PURGE VOLUME (GAL)	TEMPERATURE (°F)	PH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)
dur flow	TIME Time	26 gal				O.R
19.90	1518	5	20.34	6.82	0.413	mud
19.57	1527	10	19.90	6.77	0.414	292.3
20.24	1531	15	19.84	6.66	0.405	297.7
20.45	1536	20	20.21	6.63	0.411	299.5
20.58	1540	25	19.35	6.67	0.405	297.6
20.58	1545	26	14.40	6.70	0.411	296.6

TOTAL VOLUME PURGED	26 gal	TIME FINISHED PURGING	1545
DEPTH TO WATER AFTER PURGING	20.58	MAXIMUM DRAWDOWN	2.38

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED TPH-D, TPH-G + VOC	TIME 1715	
FREE PRODUCT THICKNESS NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.481π/4] x [WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)] x [WELL DEPTH - GROUNDWATER DEPTH]

GRAVEL PACK POROSITY = 44.6%

	GROUNDWATER SAMPLE DATA SHEET	WELL NO. ES-11
	PROJECT NAME: GLI Oakland	JOB NO 08-1379
	LOCATION: 2103 San Pablo Oakland CA	
	REPRESENTATIVE: DJD	DATE: 9.25.08

CASING DIAMETER: 4"	BOREHOLE DIAMETER: NA	DEPTH TO WATER: 16.29
MEASURED FROM: TOC	TOTAL DEPTH: 35.00	ONE BOREHOLE/CASING VOLUME (GAL): 12.35 gal
PURGING METHOD: Elec Pump	PUMP DEPTH: 17 - 19	PUMP RATE: ~2 gpm

37

DURATION OF PUMPING: 1730 to 1820	TIME	PURGE VOLUME (GAL)	TEMPERATURE (°F)	pH (UNITS)	CONDUCTIVITY (µS/CM)	TURBIDITY (NTUs)	
	1730	5	19.02	8.62	0.967	291.8	low
	17,88	610	10	19.15	8.16	0.885	275.2	low
	18.02	617	15	19.13	8.02	0.788	271.0	low
	18.10	620	20	19.11	7.91	0.711	269.9	low
	18.13	623	25	19.14	7.79	0.711	270.4	low
	18.16	626	30	19.10	7.73	0.677	269.4	low
	18.19	629	33	19.11	7.65	0.661	269.6	low
	18.20	630	38	19.10	7.64	0.631	26 85	low

TOTAL VOLUME PURGED: 38 | TIME FINISHED PURGING: 1820

DEPTH TO WATER AFTER PURGING: 18.20 / 38 gal total | MAXIMUM DRAWDOWN: 1.91 ft / TIME FINISH: 630

TIME	DEPTH TO WATER	RESIDUAL DRAWDOWN	PERCENT RECOVERY

SAMPLES COLLECTED: TPH DRO+GRO +VOC	TIME: 1145	
FREE PRODUCT THICKNESS: NA	ODOR? none	
COMMENTS		

BOREHOLE VOLUME = [7.481π/4] x (WELL DIAMETER^2 + GRAVEL PACK POROSITY(BOREHOLE DIAMETER^2 - WELL DIAMETER^2)) x (WELL DEPTH - GROUNDWATER DEPTH)

GRAVEL PACK POROSITY = 44.6%