CAMBRIA

March 29, 2007

Mr. Steven Plunkett
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Annual 2007 Monitoring Report and Preferential Pathway Study**
Former GI Trucking Company (Estes Express Lines)
1750 Adams Avenue
San Leandro, California
RO # 00000442

Dear Mr. Plunkett:

Cambria Environmental Technology, Inc. (Cambria) prepared this annual monitoring report and preferential pathway study for the site referenced on behalf of Estes Terminals of California, LLC. Alameda County Environmental Health Department (ACEHD) requested this scope of work in a letter dated December 5, 2006 (Attachment A). ACEHD approved Cambria's request to extend the report submittal deadline to March 30, 2007 for this scope of work. Additional details related to the completion of this scope are presented below.

SITE SUMMARY

The site is located at the intersection of Bigge Street and Adams Avenue in San Leandro, California (Figures 1 and 2). A trucking warehouse exists at the site and is used for freight storage and loading. The surrounding area consists of commercial and light industrial properties. Five underground storage tanks (USTs) (four 12,000-gallon diesel and one 800-gallon used-oil) were once operated at the site and were removed and properly disposed. Currently, no fueling facilities exist at the site.

HYDROGEOLOGY

The site is located in the San Francisco Bay area, which is a structural depression that is bounded by northwest trending mountains of the Coast Range geomorphic province of California. The site is located within the East Bay Plain Groundwater Sub-Basin. The California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) has designated groundwater within this basin suitable for municipal and domestic water supply. The regional site topography slopes west towards the San Francisco Bay, which is located approximately one mile southwest of the site. San Leandro Creek is located approximately 800 feet north and 1,500 feet east of the site and flows toward the northwest into San Leandro Bay, which is located approximately one mile northwest of the site. According to the regional geologic map Quaternary alluvium exists

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beneath the site[1]. Soils encountered during previous subsurface investigations were silty clay, sandy clay, sandy silt, clayey sand, and silty sand to the maximum explored depth of 26.5 feet below grade (fbg).

Groundwater has been regularly monitored and sampled at the site since 1988. Groundwater flows consistently towards the east to southeast at a gradient ranging between approximately 0.02 and 0.125 ft/ft. During the first quarter of 2007 the groundwater gradient was 0.044 ft/ft toward the southeast (Figure 3). The depth to groundwater has historically ranged from approximately 3.18 fbg to 9.46 fbg. Historical groundwater level measurements are summarized in Table 1.

PREVIOUS ENVIRONMENTAL WORK

Environmental activities have been conducted at this site since July 1986 and are summarized below. Due to the transfer of property ownership, the current property owner was not able to provide copies of all previous reports. Therefore, although a review ACEHD files were completed, Cambria was unable to locate all the previous reports from the client and during a file review at ACEHD. Available soil analytical data are presented as Attachment B. Table 1 and Attachment C present groundwater analytical data. Boring/well construction logs for wells MW-2 through MW-5 are presented as Attachment D. Figure 2 presents the well locations.

1986 Used-Oil UST Removal and Monitoring Well Installation: On July 29, 1986, Blymyer Engineers, Inc. (Blymyer) attempted a tank tightness test on the five USTs at the site. The 800-gallon fiberglass used-oil UST would not maintain a constant product level. On September 29, 1986 Xerxes Fiberglass Inc, the UST manufacturer, inspected the tank and determined that the bottom had ruptured and could not be repaired. On December 4, 1986, the used-oil UST was removed from the site and light non-aqueous phase liquid (LNAPL) and petroleum hydrocarbon saturated soil were observed in the excavation area. Approximately 45 cubic yards of petroleum hydrocarbon impacted soil was excavated and disposed of at a Class 1 disposal facility. LNAPL and groundwater were purged from the excavation multiple times until only a sheen of petroleum hydrocarbons were observed. No estimates of the amount of LNAPL or groundwater were provided. Due to the discovery of the petroleum hydrocarbon impact, recovery well MW-1/RW-1 and monitoring wells MW-2 through MW-5 were installed around the UST cavity. Waste oil was detected (EPA Method 3550) in soil samples from borings MW-2 through MW-5 at concentrations ranging from 71 milligrams per kilogram (mg/kg) to 210 mg/kg. No petroleum hydrocarbons were detected in groundwater after the installation of wells MW-2 through MW-5.

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1 *Regional Geologic Map Series, San Francisco-San Jose Quadrangle-Map 5A*, Scale 1:250,000, Compiled by D. L. Wagner, C. W. Jennings, E. J. Bortugno, and R.D. McJunkin of the California Division of Mines and Geology, 1991.

1993 Passive Skimmer Installation: In October 1993, Blymyer installed a passive LNAPL recovery skimmer in well MW-1/RW-1.

1996 Recovery Well Installation: In June 1996, Blymyer installed recovery well RW-2 near the four existing 12,000-gallon diesel USTs. A passive LNAPL recovery skimmer was installed in well RW-2 to accelerate recovery of free phase diesel product. According to Blymyer a second diesel release had occurred at the site from a leaking gasket in the diesel fuel pump. Blymyer estimated the volume of the release to be approximately 250-gallons of diesel. In November 1996, site personnel estimated the inventory loss as approximately 165-gallons. Since 1996, approximately 178-gallons of diesel have been recovered from the site.

1999 UST Removal: In June 1999, Blymyer removed four 12,000-gallon diesel USTs from the site. Confirmation soil samples EX-1 through EX-10 were collected from the sidewalls of the excavation at the approximate soil-groundwater interface. During a period of several days LNAPL was pumped from the UST excavation, drummed onsite, and properly disposed of. Due to elevated petroleum hydrocarbon concentrations detected in soil confirmation samples, the UST excavation was over-excavated by two linear feet in the northern and southern corners, and the southeastern and northeastern sidewalls. Over-excavation soil confirmation samples EX-11 through EX-15 were collected at the approximate soil-groundwater interface to verify remaining concentrations of petroleum hydrocarbons. Diesel soil concentrations remaining at the site after over-excavation range between <1 mg/kg and 2,400 mg/kg. Well MW-4 was destroyed as a result of the over-excavation activities. Approximately 427 tons of impacted soil was excavated and properly disposed of during these field activities.

FIRST QUARTER 2007 ACTIVITIES

On March 2, 2007, Muskan Environmental Sampling monitored and sampled groundwater in wells MW-2, MW-3, MW-5, RW-1 and RW-2 (Figure 3). During this groundwater monitoring event, groundwater was approximately 5.12 to 5.77 fbg and a sheen was observed in well RW-1. Groundwater flowed toward the southeast at a gradient of approximately 0.044 ft/ft. Groundwater monitoring and analytical data are summarized on Table 1 and as Attachment C. The associated field data sheets are presented as Attachment E. The laboratory analytical report is presented as Attachment F. Cambria's standard operating procedures for groundwater monitoring and sampling are presented as Attachment G.

Total petroleum hydrocarbons as diesel (TPHd) was detected in wells RW-1 and RW-2 at concentrations of 16,000 micrograms per liter (µg/l), and 5,500 µg/l, respectively. Total petroleum hydrocarbons as motor oil (TPHmo) was detected in wells RW-1 and RW-2 at concentrations of 9,300 µg/l, and 2,500 µg/l, respectively. Total petroleum hydrocarbons as

gasoline (TPHg) was only detected in well RW-1 at a concentration of 140 µg/l. The TPHmo and TPHg detections are likely related to carbon chain overlap with the TPHd analysis; therefore diesel is the only contaminant of concern at the site. Please see the lab report for additional details (Attachment F). No benzene, toluene, ethylbenzene, xylenes, fuel oxygenates, or lead scavengers were detected in groundwater during this event.

No petroleum hydrocarbons were detected in downgradient wells MW-2, MW-3, and MW-5. Wells MW-2 and MW-3 are located within approximately 2 to 5 feet of the remedial excavation onsite and the diesel once detected in these wells has degraded to below laboratory detection limits. The majority of the diesel source has been removed by remedial excavations, groundwater purging, and product recovery. Diesel concentrations detected in source area wells RW-1 and RW-2 are decreasing. Based on these data the diesel plume is confined to the remedial excavation and decreasing in concentration by natural attenuation. Therefore, the plume is not significantly migrating beyond the excavation and has already reached its maximum extent, downgradient of the excavation onsite.

WELL SURVEY

Cambria requested Well Completion Reports for all wells within a ½ mile radius of the site from the California State Department of Water Resources (DWR). In addition, Cambria requested a search of all wells within a ½ mile radius of the site from Alameda County Public Works Agency (ACPWA). Table 2 presents the results of the DWR and ACPWA well search. The search identified a total of 80 wells located on 20 different sites. Figure 4 presents the locations of the 20 sites containing wells within the search radius. The 80 wells included 76 groundwater monitoring wells, two irrigation wells, one cathodic protection well, and one well of unknown use.

Groundwater monitoring has occurred on the site since 1988. Historically, groundwater on the site has flowed toward the east and southeast. Sites A through D (one unknown well, four monitoring wells, and one cathodic protection well) are located on the northeast side of San Leandro Creek and the site is located on the southwest side of the creek. San Leandro Creek is a hydrologic barrier between sites A through D and the site. Therefore, wells at sites A through D likely could not be impacted by the diesel plume onsite.

Sites H, I, J, L, and M (two irrigation wells and 13 monitoring wells) are located over 1,250 feet upgradient of the site. No petroleum hydrocarbons were ever detected in upgradient well MW-4 and the diesel plume onsite at its maximum extent likely never migrated offsite. Therefore, wells at sites H, I, J, L, and M have likely never been and likely never will be impacted by the diesel plume onsite.

For the purpose of this well survey and to be conservative, all wells located east, south, and southwest of the site are considered to be downgradient of the site, this includes sites E, F, G, K, and N through T. These 11 sites contain 59 monitoring wells and the majority of these sites are registered with the State as current or former leaking underground fuel tank (LUFT) sites. The closest downgradient monitoring wells are located at site K (10700 Bigge Avenue, San Leandro), which is approximately 0.19 miles (1,003 ft) east of the site. Site K is a former LUFT site that is now closed. Due to the distance between site K and the site, it is unlikely that any of the wells at site K or any other downgradient site have been or are currently being impacted by the onsite groundwater plume.

UTILITY SURVEY

Cambria completed a conduit study to assess whether utility trenches could be acting as potential preferential pathways for groundwater and petroleum hydrocarbon migration. To identify utilities in the site vicinity, Cambria marked the site and notified Underground Service Alert (USA). USA then notified all utility purveyors to mark out any utilities in the public right-of-way along the site perimeter, including Adams Avenue and Bigge Street. Next, Cambria retained OHJ Subsurface Utility Locator to perform a utility survey onsite and to verify USA markings along Adams Avenue and Bigge Street. Furthermore, Cambria obtained and reviewed maps from East Bay Municipal Utility District for water lines and from the City of San Leandro for sanitary sewer and storm drain lines to verify that we had located all of the utilities. We were unable to obtain the depths of many of the utilities from the geophysical survey or the utility maps. Figure 2 presents the locations of the utility conduits in the vicinity of the site in plan view. Figure 5 presents a site geologic cross-section that shows the locations of utility conduits downgradient of the former USTs beneath Adams Avenue.

Water Lines: A 12-inch diameter water main is located beneath Adams Avenue approximately 45 ft southeast of the site property boundary (Figure 2). This water line trends northeast-southwest and runs perpendicular into the 12-inch diameter water main that is located in Bigge Street. The Bigge Street water main is located approximately 36 ft northeast of the site property boundary and trends northwest-southeast. A water lateral enters the site at the warehouse building located northeast of the source area onsite. The maintenance building that is directly downgradient of the former USTs receives its water from a water lateral that originates from the warehouse building. In the Bay area, water lines are rarely buried deeper than 4 fbg.

Sewer Lines: An 8-inch diameter sanitary sewer line is located beneath Adams Avenue approximately 20 ft southeast of the site property boundary. The sewer line trends northeast-southwest and flows toward the southwest (Figure 2). An 8-inch diameter sanitary sewer line

begins beneath Bigge Avenue approximately 38 ft northeast of the site property boundary and runs northwest-southeast. The sanitary sewer beneath Bigge Avenue flows toward the intersection with Adams Avenue and then flows down the sanitary sewer line in Adams Avenue. No sanitary sewer elevations were provided by the City of San Leandro. Since the groundwater is shallow at this site and in the vicinity, and the sanitary sewer is at its highest point near the intersection of Bigge Street and Adams Avenue, it is likely that the sanitary sewer line is shallower than 6 fbg.

Storm Drains: A 24-inch diameter storm drain begins near the intersection of Bigge Street and Adams Avenue is located in Adams Avenue approximately 7 ft southeast of the site boundary (Figure 2). The storm drain runs northeast-southwest and flows southwest. Onsite a storm drain catch basin is located approximately eight feet north of the UST excavation area. This catch basin drains toward Adams Avenue (east-southeast) and comes within 10 feet of well MW-5. Since the groundwater is shallow at this site and in the vicinity, and the storm drain is at its highest point near the intersection of Bigge Street and Adams Avenue, it is likely that the storm drain lines are shallower than 6 fbg.

Gas, Communication, & Electrical Lines: A trench containing gas and communication lines and possibly electrical lines exists beneath the southeast sidewalk of Adams Avenue. The utility trench, which runs northeast-southwest, is located approximately 56 feet southeast of the site property boundary. Electrical and communication lines are located overhead and enter the site from a power drop located near the driveway onsite along the northwestern side of Adams Avenue. From this power drop electrical and communication lines run to the northwest to a junction box onsite and to the southeast to junction box in the southwest sidewalk of Adams Avenue. From the junction box onsite electrical lines power the electric fence and the maintenance building. The electrical line that powers the maintenance building is approximately 6 feet southeast (downgradient) of well MW-5. In the vicinity of the former USTs an asphalt patch covers the trench for the former UST vent lines. Two other lines that are probably electrical lines that fed power to the USTs are located between the excavation and the maintenance building. All three of these types of utilities are usually very shallow and generally their depths range between 2 and 5 fbg.

Likelihood to Impact Underground Utility Trenches: Based on historical groundwater monitoring data, the static depth to groundwater has ranged from approximately 3.18 to 9.46 fbg and flows toward the southeast. The historical average depth to groundwater is approximately 5.7 fbg. It is unlikely that the diesel plume has ever migrated offsite, as observed in the attenuation trends between source area wells RW-1 and RW-2, and downgradient wells MW-2, MW-3, and MW-5. Therefore, no offsite utilities have likely been impacted by the diesel plume onsite.

Onsite only the former UST vent line trench, two lines that were probably for powering the USTs, the electrical line that powers the maintenance building, and the storm drain north of the UST excavation could act as preferential pathways for LNAPL and groundwater migration. The former UST vent line trench and the two lines that likely powered the USTs would have originated at the top of the USTs. The top of the USTs were probably within approximately 3 fbg. Therefore, it is unlikely that any of these lines would act as preferential pathways.

The electrical line that powers the maintenance building is located downgradient of well MW-5 and the geophysical survey identified that this utility at its deepest was 5 fbg. The storm drain is located approximately eight feet north (crossgradient-upgradient) of the UST excavation and runs eastward past well MW-5 to a catch basin located in Adams Avenue. This storm drain line was measured at approximately 4 fbg in the catch basin onsite. Petroleum hydrocarbons have only been detected one time in well MW-5 (61 µg/l TPHd). It is possible that both of these utilities have occasionally intercepted groundwater; however it is unlikely that elevated dissolved-phase petroleum hydrocarbons and especially LNAPL have ever migrated along these utilities.

GEOTRACKER

As requested, Cambria has been updating the State Water Resources Control Board's Geotracker database with the required data. Currently, Cambria has uploaded the electronic deliverable files (EDFs) for all lab reports generated by McCampbell Analytical between 2001 and 2007. We have contracted with Sequoia Laboratories (Test America) to generate EDFs for laboratory work completed for the site between 2001 and 2005. Once we receive this data it will be uploaded to Geotracker. No elevation, and longitude and latitude surveying data have been collected recently; therefore, we propose having the site resurveyed if we complete any additional work that requires surveying. All other required data between 2001 to the present has been uploaded to Geotracker.

CONCLUSIONS & RECOMMENDATIONS

In summary, the following conclusions can be made regarding dissolved-phase petroleum hydrocarbon distribution and preferential pathways:

- No benzene, toluene, ethylbenzene, xylenes, fuel oxygenates, or lead scavengers were detected in groundwater during this event
- Petroleum hydrocarbons detected in groundwater are fully delineated and no additional assessment is warranted.
- Dissolved-phase petroleum hydrocarbon concentrations are decreasing; therefore the plume is not migrating and shrinking in size.

- No wells were identified that are likely to be impacted by the limited hydrocarbon plume onsite.
- Due to the low permeability soils at the site and the only utilities that directly intercept the excavation are likely above three fbg, no significant migration of LNAPL or diesel plume is or has occurred at the site.

Based on these conclusions, Cambria believes this site is a low risk groundwater case. Therefore, we recommend that the Alameda County Environmental Health Department and the Regional Water Quality Control Board evaluate this site for case.

CLOSING

We appreciate this opportunity to work with you on this project. Please call Brandon Wilken at (510) 420-3355 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Christina McClelland
Staff Geologist

Cambria Environmental Technology, Inc. (Cambria) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to Cambria from outside sources and/or in the public domain, and partially on information supplied by Cambria and its subcontractors. Cambria makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by Cambria. This document represents the best professional judgment of Cambria. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

Brandon S. Wilken, P.G.
Senior Project Geologist

CAMBRIA

Figures:
1 – Vicinity Map
2 – Site Plan
3 – Groundwater Elevation Contour and Hydrocarbon Concentration Map
4 – Well Survey Map
5 – Geologic Cross-Section A-A'

Tables:
1 – Groundwater Monitoring and Analytical Data
2 – Well Survey Summary

Attachments:
A - Regulatory Correspondence
B - Soil Analytical Data
C - Groundwater Analytical Data
D - Boring/Well Construction Logs
E - Field Data Sheets
F - Laboratory Analytical Report
G - Standard Operating Procedures

Cc: Ms. Angela Maidment, Estes Terminals of California, LLC, 3901 West Broad Street, Richmond, VA 23230

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FIGURES

03/16/07

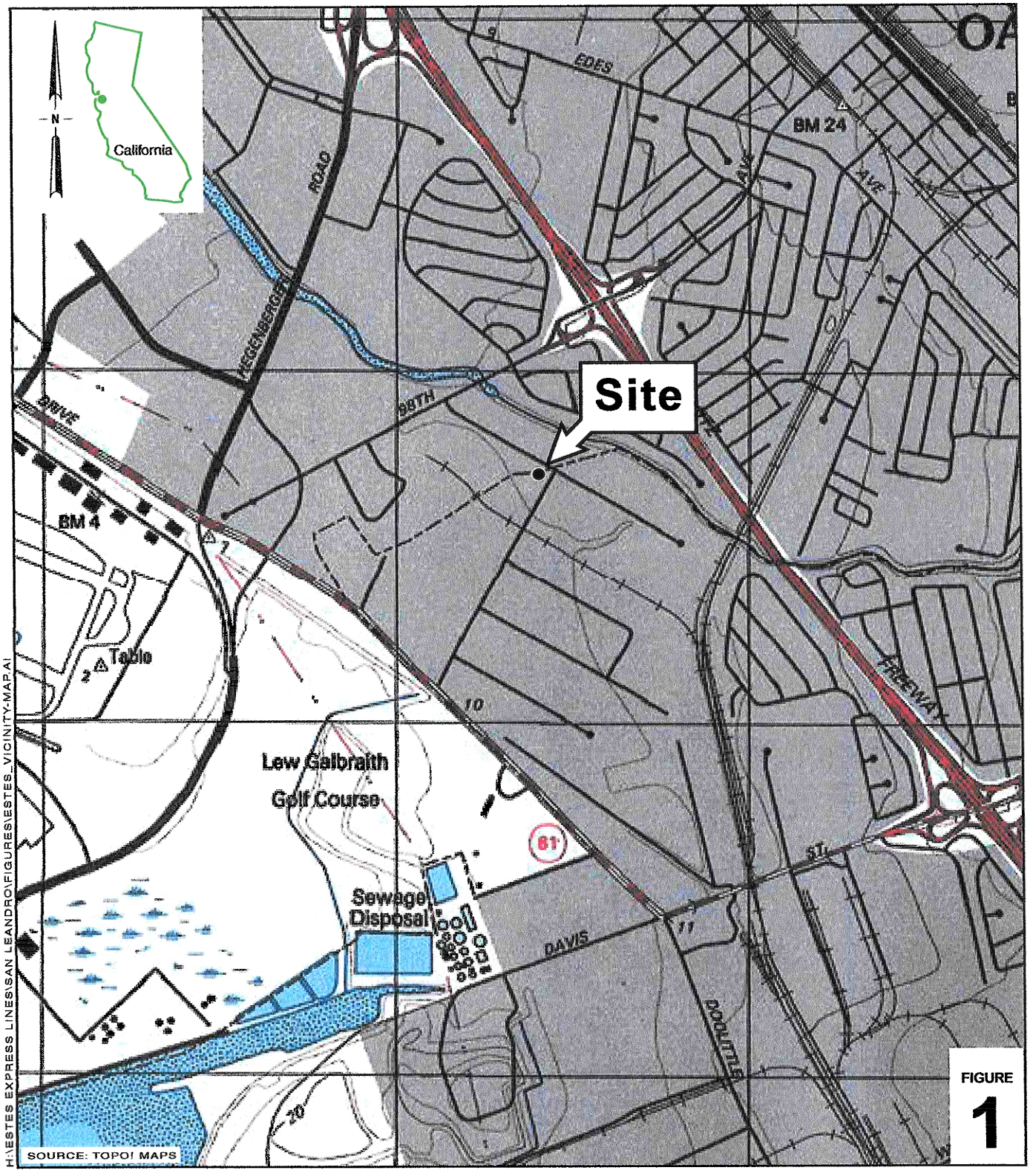

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Former GI Trucking Company
(Estes Express Lines)

1750 Adams Avenue

San Leandro, California

CAMBRIA

Vicinity Map

03/16/07

Site Plan

BIGGE STREET

asphalt

concrete driveway

concrete

Building

Building

concrete slab

concrete

electric fence

?

MW-5

asphalt

former USTs

former dispenser island

MW-4

MW-2

RW-1(MW-1)

former UST vent trench

RW-2

Maintenance Building

MW-3

concrete

ADAMS AVENUE

EXPLANATION

- MW-1 — Monitoring well location
- SB-1 — Destroyed well location
- Storm Drain line
- Sanitary Sewer line
- Water line
- Gas line
- Communications line
- Electrical line
- Utility flow direction

N

0 30 60 120

Scale (ft)

Basemap modified from drawing provided by Blymyer Engineers, Inc.

H:\ESTES EXPRESS LINES\SAN LEANDRO, 1750 ADAMS AVE\FIGURES\ESTES_EXT-SITEPLAN.DWG

FIGURE

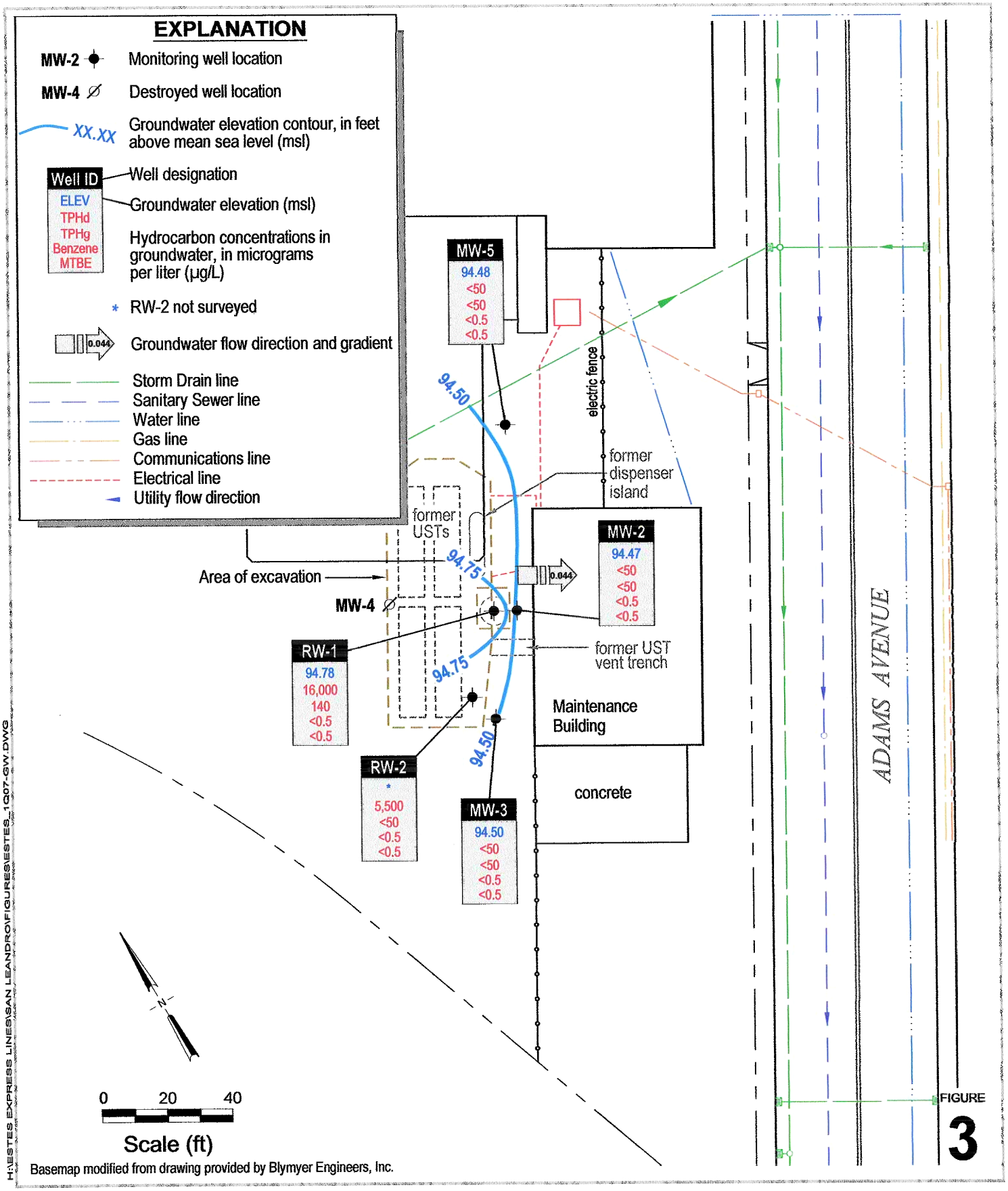
2

Former GI Trucking Company (Estes Express Lines)

1750 Adams Avenue

San Leandro, California

CAMBRIA



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Former GI Trucking Company (Estes Express Lines)

1750 Adams Avenue

San Leandro, California

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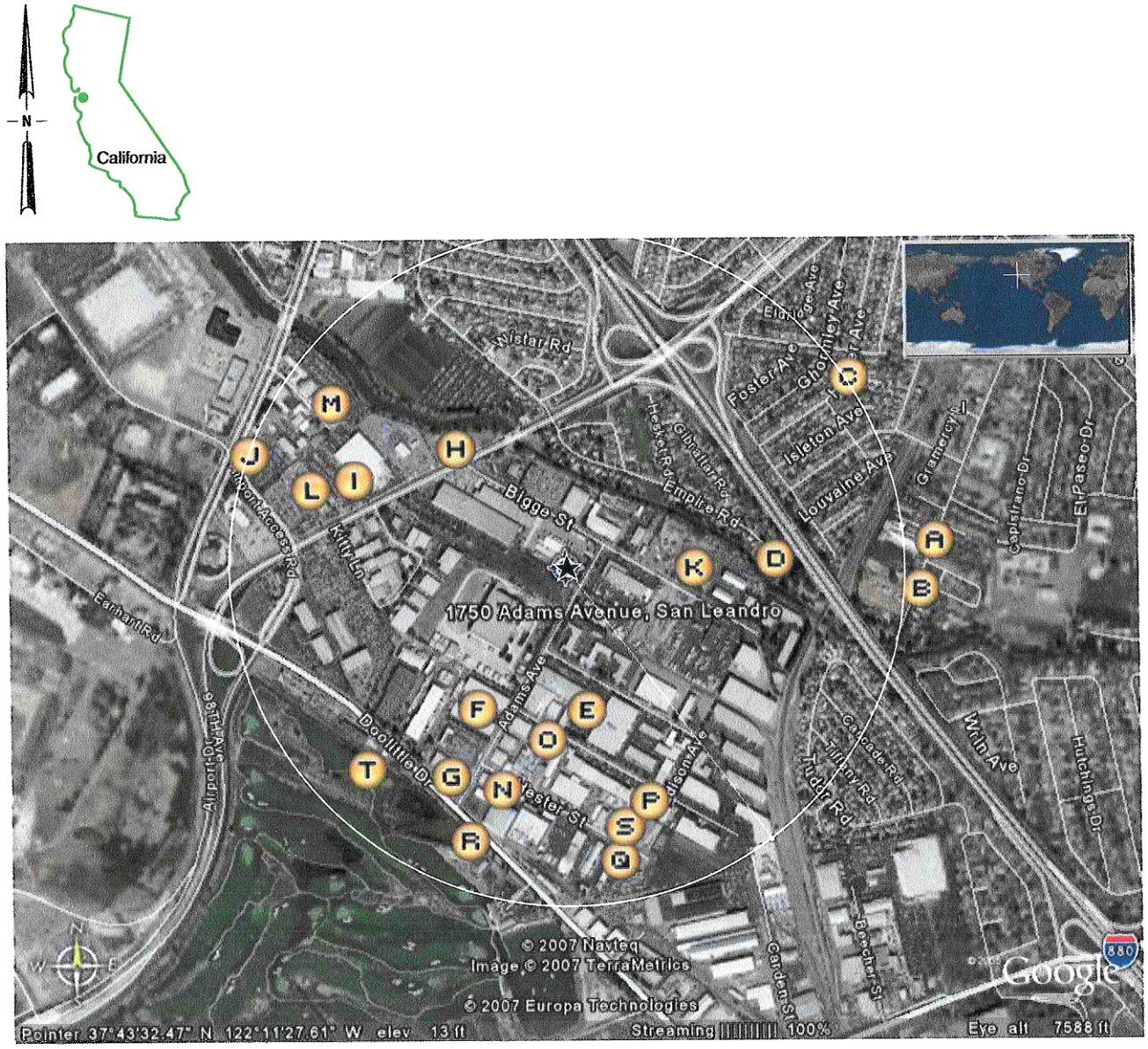
Groundwater Elevation Contour and Hydrocarbon Concentration Map

March 2, 2007

03/21/07



EXPLANATION

- (A) Site containing well(s) refer to table 2 for detailed well information
- ★ Subject site
- ○ Study area

SOURCE: GOOGLE EARTH PRO

FIGURE

4

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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Former GI Trucking Company (Estes Express Lines)

1750 Adams Avenue

San Leandro, California

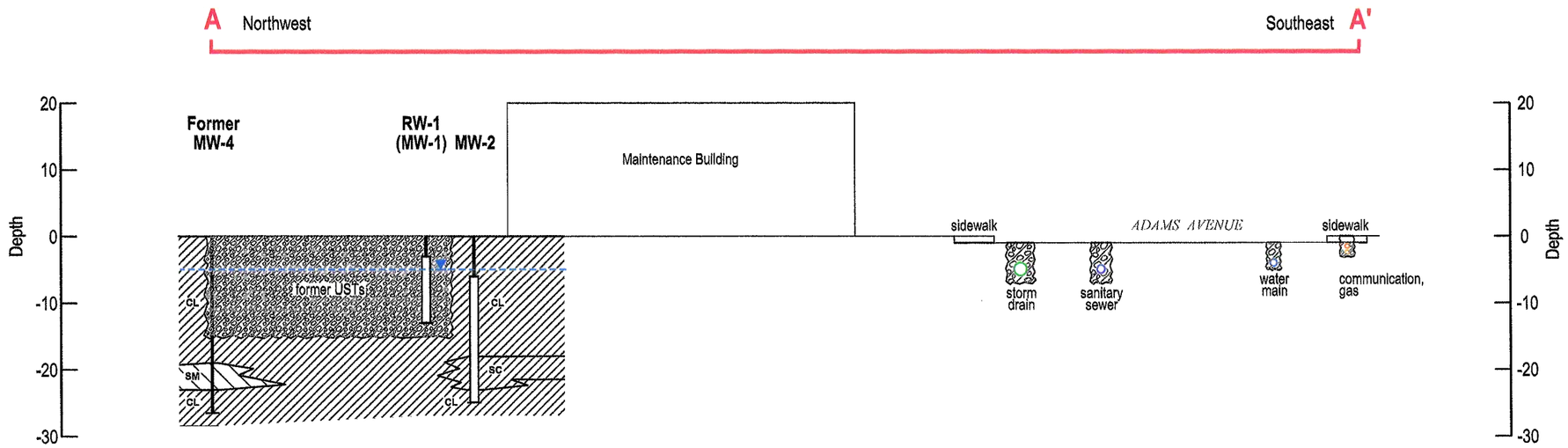
CAMBRIA

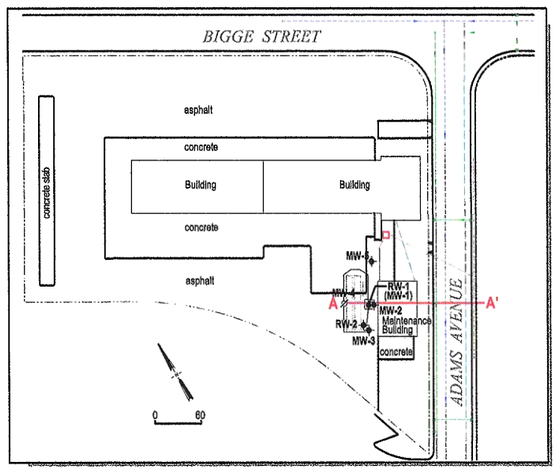
Well Survey Map

1/2 Mile Search Radius

03/22/07

Geologic Cross Section A-A'





EXPLANATION

= Low Permeability Soils
CL - Clay, Silty Clay, Sandy Clay

= Moderate Permeability Soils
SM - Silty Sand

= Fill (tank pit, utility trench)

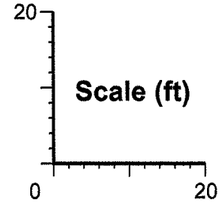
Well ID — Well Designation

Groundwater Monitoring Well

Well Screen Interval

Bottom of boring

Depth of Groundwater - 03/02/07



FIGURE

5

Former GI Trucking Company
(Estes Express Lines)

1750 Adams Avenue
San Leandro, California

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TABLES

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Sample ID	Date	Depth to Water	SPH Thickness	Groundwater Elevation	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA	EDB	Ethanol
TOC	Sampled	(ft btoc)	(ft)	(abritraty)	ug/L														
MW-1	11/15/1988	--	0.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.00	2/16/1989	6.03	0.20	94.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/19/1989	6.31	0.20	93.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1989	6.72	0.18	93.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/21/1989	6.51	Sheen	93.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/23/1990	5.74	Sheen	94.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/23/1990	6.34	0.15	93.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1990	6.27	Sheen	93.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1990	6.49	Sheen	93.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/13/1991	4.94	Sheen	95.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/1991	9.46	Sheen	90.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/28/1991	6.31	0.09	93.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/9/1991	6.49	0.20	93.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/18/1992	4.19	0.10	95.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/15/1992	5.72	0.17	94.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/13/1992	6.12	0.19	94.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1992	5.65	0.10	94.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/1993	4.60	Sheen	95.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/21/1993	5.56	0.09	94.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/1993	6.07	0.13	94.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/1993	--	Sheen	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/1994	4.97	Sheen	95.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/1994	5.20	Sheen	94.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/23/1994	6.06	0.08	94.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/29/1994	5.98	Sheen	94.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1995	4.93	Sheen	95.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/1995	4.99	Sheen	95.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/1995	6.46	Sheen	93.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/1995	5.21	Sheen	94.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1996	4.68	Sheen	95.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	July 1996	Well MW-1 Reconstructed as well RW-1																	
RW-1	8/5/1996	6.05	0.35	94.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.00	2/6/1997	4.40	Sheen	95.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1997	4.90	Sheen	95.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1998	3.18	0.00	96.82	89,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1998	5.95	Sheen	94.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/1999*	4.98	Sheen	95.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30/2001	--	Sheen	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/18/2002	6.28	0.00	93.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/13/2003	6.15	0.00	93.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2004	5.60	0.00	94.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2005	5.39	0.00	94.61	--			--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2007	**5.22**	**Sheen**	**94.78**	**16,000 c**	**9,300**	**140 g**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<50**

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Sample ID	Date	Depth to Water	SPH Thickness	Groundwater Elevation	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA	EDB	Ethanol
TOC	Sampled	(ft btoc)	(ft)	(abritraty)	ug/L														
MW-2	11/15/1988	--	--	--	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.24	2/16/1989	6.13	0.00	94.11	<90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/19/1989	6.24	0.00	94.00	<80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1989	6.68	0.00	93.56	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/21/1989	6.64	0.00	93.60	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/23/1990	6.04	0.00	94.20	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/23/1990	6.40	0.00	93.84	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1990	6.70	0.00	93.54	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1990	6.83	0.00	93.41	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/13/1991	5.64	0.00	94.60	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/1991	6.31	0.00	93.93	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/28/1991	6.68	0.00	93.56	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/9/1991	6.69	0.00	93.55	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/18/1992	4.96	0.00	95.28	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/15/1992	6.07	0.00	94.17	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/13/1992	6.42	0.00	93.82	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1992	6.25	0.00	93.99	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/1993	5.40	0.00	94.84	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/21/1993	6.04	0.00	94.20	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/1993	6.42	0.00	93.82	<50	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	12/13/1993	6.09	0.00	94.15	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/24/1994	5.57	0.00	94.67	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	5/11/1994	5.94	0.00	94.30	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/23/1994	6.44	0.00	93.80	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	11/29/1994	5.82	0.00	94.42	90	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/15/1995	5.68	0.00	94.56	100	<500	<50	<0.5	1.2	<0.5	<0.5	--	--	--	--	--	--	--	--
	5/18/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/1995	6.19	0.00	94.05	63	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	11/16/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1996	5.62	0.00	94.62	79	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/5/1996	6.22	0.00	94.02	100	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/6/1997	5.50	0.00	94.74	140	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/22/1997	6.57	0.00	93.67	<100	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/12/1998	4.88	0.00	95.36	<100	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/27/1998	6.42	0.00	93.82	93	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	3/4/1999*	6.39	0.00	93.85	<50	--	--	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--	--
	5/30/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/18/2002	7.14	0.00	93.10	<50	--	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
	3/13/2003	6.64	0.00	93.60	<48	--	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--
	3/17/2004	6.63	0.00	93.61	<500	--	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
	3/17/2005	6.76	0.00	93.48	<50	--	--	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--	--	--	--
	3/2/2007	**5.77**	**0.00**	**94.47**	**<50**	**<250**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<50**

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Sample ID	Date	Depth to Water	SPH Thickness	Groundwater Elevation	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA	EDB	Ethanol
TOC	Sampled	(ft btoc)	(ft)	(abritraty)	ug/L														
MW-3	11/15/1988	--	--	--	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.22	2/16/1989	6.00	0.00	94.22	<90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/19/1989	6.20	0.00	94.02	<80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1989	6.60	0.00	93.62	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/21/1989	6.55	0.00	93.67	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/23/1990	5.83	0.00	94.39	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/23/1990	6.38	0.00	93.84	640	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1990	6.67	0.00	93.55	410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1990	6.75	0.00	93.47	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/13/1991	5.42	0.00	94.80	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/1991	6.28	0.00	93.94	540	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/28/1991	6.62	0.00	93.60	240	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/9/1991	6.65	0.00	93.57	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/18/1992	4.73	0.00	95.49	890	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/15/1992	5.99	0.00	94.23	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/13/1992	6.32	0.00	93.90	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1992	6.23	0.00	93.99	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/1993	5.27	0.00	94.95	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/21/1993	5.97	0.00	94.25	720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/1993	6.59	0.00	93.63	480	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	12/13/1993	6.33	0.00	93.89	190	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/24/1994	5.76	0.00	94.46	380	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
100.18	5/11/1994	5.84	0.00	94.34	580	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/23/1994	6.38	0.00	93.80	450	--	--	<0.5	0.6	<0.5	<0.5	--	--	--	--	--	--	--	--
	11/29/1994	5.76	0.00	94.42	960	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/15/1995	5.60	0.00	94.58	1,700	<500	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	5/18/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/1995	6.11	0.00	94.07	1,100	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	11/16/1995	--	--	--															
	2/15/1996	5.48	0.00	94.70	1,300	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/5/1996	6.16	0.00	94.02	1,000	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/6/1997	5.36	0.00	94.82	2,400	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/22/1997	5.85	0.00	94.33	2,000	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/12/1998	4.81	0.00	95.37	1,500	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/27/1998	6.25	0.00	93.93	410	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	3/4/1999*	6.14	0.00	94.04	330	--	--	<0.5	<0.5	<0.5	<0.5	17	--	--	--	--	--	--	--
	5/30/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/18/2002	7.07	0.00	93.11	1,100	--	--	<0.5	<0.5	<0.5	<0.5	3.6/3.1	--	--	--	--	--	--	--
	3/13/2003	6.45	0.00	93.73	680	--	--	<0.5	<0.5	<0.5	<0.5	2.9	--	--	--	--	--	--	--
	3/17/2004	5.98	0.00	94.20	450	--	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
	3/17/2005	5.72	0.00	94.46	160	--	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/2/2007	**5.68**	**0.00**	**94.50**	**<50**	**<250**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<50**

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Table 1. Groundwater Elevation and Analytical Data - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Sample ID	Date	Depth to Water	SPH Thickness	Groundwater Elevation	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA	EDB	Ethanol
TOC	Sampled	(ft btoc)	(ft)	(abritraty)	←							ug/L							→
MW-4	11/15/1988	--	--	--	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
99.48	2/16/1989	5.92	0.00	93.56	<90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/19/1989	5.25	0.00	94.23	<80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1989	6.76	0.00	92.72	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/21/1989	5.72	0.00	93.76	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/23/1990	4.92	0.00	94.56	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/23/1990	5.39	0.00	94.09	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1990	5.66	0.00	93.82	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1990	5.95	0.00	93.53	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/13/1991	4.39	0.00	95.09	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/1991	5.27	0.00	94.21	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/28/1991	5.70	0.00	93.78	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/9/1991	5.78	0.00	93.70	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/18/1992	3.60	0.00	95.88	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/15/1992	5.03	0.00	94.45	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/13/1992	5.40	0.00	94.08	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1992	5.14	0.00	94.34	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/1993	4.14	0.00	95.34	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/21/1993	4.95	0.00	94.53	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/1993	5.40	0.00	94.08	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	12/13/1993	5.08	0.00	94.40	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	2/24/1994	4.38	0.00	95.10	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	5/11/1994	4.85	0.00	94.63	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/23/1994	5.47	0.00	94.01	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	11/29/1994	4.76	0.00	94.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/1995	5.16	0.00	94.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1996	4.40	0.00	95.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/1996	5.27	0.00	94.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
99.46	2/6/1997	4.26	0.00	95.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1997	5.09	0.00	94.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1998	3.58	0.00	95.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1998	5.43	0.00	94.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/1999*	5.34	0.00	94.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	June 1999	←									Well Destroyed								→

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Table 1. Groundwater Elevation and Analytical Data - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Sample ID	Date	Depth to Water	SPH Thickness	Groundwater Elevation	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA	EDB	Ethanol
TOC	Sampled	(ft btoc)	(ft)	(abritraty)	ug/L														
MW-5	11/15/1988	--	--	--	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
99.60	2/16/1989	5.42	0.00	94.18	<90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/19/1989	5.53	0.00	94.07	<80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1989	5.94	0.00	93.66	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/21/1989	5.91	0.00	93.69	<30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/23/1990	5.69	0.00	93.91	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/23/1990	5.92	0.00	93.68	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1990	6.17	0.00	93.43	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1990	6.05	0.00	93.55	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/13/1991	5.01	0.00	94.59	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/1991	5.57	0.00	94.03	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/28/1991	5.90	0.00	93.70	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/9/1991	5.99	0.00	93.61	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/18/1992	4.45	0.00	95.15	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/15/1992	5.33	0.00	94.27	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/13/1992	5.62	0.00	93.98	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/1992	5.58	0.00	94.02	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/1993	4.34	0.00	95.26	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/21/1993	5.28	0.00	94.32	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/1993	5.61	0.00	93.99	<50	--	--	<0.05	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	12/13/1993	5.38	0.00	94.22	<50	--	--	<0.05	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	2/24/1994	4.90	0.00	94.70	<50	--	--	<0.05	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	5/11/1994	5.23	0.00	94.37	<50	--	--	<0.05	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	8/23/1994	5.70	0.00	93.90	<50	--	--	<0.05	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	11/29/1994	5.12	0.00	94.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/1995	5.47	0.00	94.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/1996	4.90	0.00	94.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/1996	5.50	0.00	94.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/1997	4.80	0.00	94.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1997	6.37	0.00	93.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1998	4.32	0.00	95.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/27/1998	5.77	0.00	93.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/1999*	5.88	0.00	93.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/18/2002	5.97	0.00	93.63	61	--	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
	3/13/2003	5.77	0.00	93.83	<47	--	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--
	3/17/2004	5.37	0.00	94.23	<50	--	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
	3/17/2005	5.23	0.00	94.37	<50	--	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
	3/2/2007	**5.12**	**0.00**	**94.48**	**<50**	**<250**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<50**

CAMBRIA

Table 1. Groundwater Elevation and Analytical Data - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Sample ID	Date	Depth to Water	SPH Thickness	Groundwater Elevation	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA	EDB	Ethanol
TOC	Sampled	(ft btoc)	(ft)	(abritraty)	←								ug/L						→
RW-2	8/5/1996	6.02	0.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
not surveyed	2/6/1997	4.41	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/22/1997	4.88	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/12/1998	3.21	0.00	--	100,000	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	8/27/1998	5.92	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/4/1999*	4.95	0.00	--	74,000	--	--	<1.0	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--
	5/30/2001	--	0.00	--	9,000	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	6/18/2002	6.30	0.00	--	280,000	--	--	<10	<10	<10	<10	<50	--	--	--	--	--	--	--
	3/13/2003	6.11	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2004	5.58	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2005	5.30	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/2/2007	**5.21**	**0.00**	**--**	**5,500 c**	**2,500**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<50**

Notes:

TOC = elevation of the top of casing relative to an abritraty elevation from well RW-1's TOC (100.00 ft)

ft btoc = measured in feet below top of casing

SPH = separate phase hydrocarbons or non-aqueous phase liquid (NAPL)

ug/L = micrograms per liter

Sheen = non-measurable SPH sheen observed

-- = Not measured, not analyzed, not applicable

TPHd = total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015; beginning 3/2/2007 analyzed by EPA Method 8015C with silica gel cleanup

TPHmo = total petroleum hydrocarbons as motor oil analyzed by EPA Method 8015C with silica gel clenaup

TPHg = total petroleum hydrocarbons as gasoline analyzed by EPA Method 8015C

BTEX = benzene, toluene, ethylbenzene, xylenes analyzed by EPA Method 8020/8021B; beginning 3/2/2007 analyzed by EPA Method 8260B

MTBE = methyl tertiary-butyl ether analyzed by EPA Method 8020/8021B; beginning 3/2/2007 analyzed by EPA Method 8260B

ETBE = ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = tertiary-amyl methyl ether analyzed by EPA Method 8260B

DIPE = di-isopropyl ether analyzed by EPA Method 8260B

TBA = tertiary butyl alcohol analyzed by EPA Method 8260B

1,2-DCA = one, two-dichloroethane analyzed by EPA Method 8260B

EDB = ethylene dibromide analyzed by EPA Method 8260B

Ethanol analyzed by EPA Method 8260B

* = data collected on March 4 & 11, 1999

c = aged diesel (?) is significant

g = strongly aged gasoline or diesel range compounds are significant

Table 2. DWR/ACPWA Well Survey Summary - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Map ID	State Well No.	Well Owner	Approximate Well Location	Installation Date	Well Type	Current Well Use	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Seal Interval (ft bgs)	Approximate Distance from Former USTs (ft)	Approximate Distance from Former USTs (mi)
A	2S/3W-27	G. Kindle	358 105th Ave, Oakland	8/1/1945	NA	NA	120	NA	NA	2,851	0.54
B-1	2S/3W-27L1	Verl's Construction	342 105th Avenue, Oakland	2/22/1990	Monitoring	NA	25	11-25	0-9	2,693	0.51
B-2	2S/3W-27L2	Verl's Construction	342 105th Avenue, Oakland	2/22/1990	Monitoring	NA	25	9-25	0-9	2,693	0.51
B-3	2S/3W-27L3	Verl's Construction	342 105th Avenue, Oakland	2/23/1990	Monitoring	NA	25	8-25	0-9	2,693	0.51
C	2S/3W-27F3	PG&E	St. Elmo & Hunter, Oakland	2/27/1976	Cathodic Protection	NA	120	NA	0-95	2,587	0.49
D	2S/3W-34M1	Caterpillar, Inc	Empire Road, Oakland End of Circle 400 ft South of Gibraltar Rd	5/28/1990	Monitoring	NA	65	50-65	0-47	1,637	0.31
E-1	2S/3W-28R1	Moore Business Forms	528 Whitney Street, San Leandro	7/1/1985	Monitoring (W-1)	NA	14	5-14	0-4	1,320	0.25
E-2	2S/3W-28R2	Moore Business Forms	528 Whitney Street, San Leandro	7/1/1985	Monitoring (W-2)	NA	14	5-14	0-4	1,320	0.25
E-3	2S/3W-28R3	Moore Business Forms	528 Whitney Street, San Leandro	7/1/1985	Monitoring (W-3)	NA	14	5-14	0-4	1,320	0.25
E-4	2S/3W-28R21	Principle Financial Group	528 Whitney Street, San Leandro	February 1994	Monitoring	NA	23	NA	NA	1,320	0.25
E-5	2S/3W-28R22	Principle Financial Group	528 Whitney Street, San Leandro	February 1994	Monitoring	NA	20	NA	NA	1,320	0.25
F-1	2S/3W-28Q	Safeway Milk Plant	2000 Adams Street, San Leandro	10/5/1989	Monitoring (MW-1)	NA	21	6-21	0-4	1,267	0.24

Table 2. DWR/ACPWA Well Survey Summary - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Map ID	State Well No.	Well Owner	Approximate Well Location	Installation Date	Well Type	Current Well Use	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Seal Interval (ft bgs)	Approximate Distance from Former USTs (ft)	Approximate Distance from Former USTs (mi)
F-2	2S/3W-28Q6	Safeway Milk Plant	2000 Adams Street, San Leandro	10/5/1989	Monitoring (MW-2)	NA	21	6-21	0-4	1,267	0.24
F-3	2S/3W-28Q	Safeway Milk Plant	2000 Adams Street, San Leandro	10/5/1989	Monitoring (MW-3)	NA	21	6-21	0-4	1,267	0.24
F-4	2S/3W-28Q3	Safeway Milk Plant	2000 Adams Street, San Leandro	6/30/1986	Monitoring (SM-1)	NA	27	9-27	0-4	1,267	0.24
F-5	2S/3W-28Q4	Safeway Milk Plant	2000 Adams Street, San Leandro	7/1/1986	Monitoring (SM-2)	NA	20	7-21	0-6	1,267	0.24
F-6	2S/3W-2855	Safeway Milk Plant	2000 Adams Street, San Leandro	5/12/1987	Monitoring (SMP-3)	NA	21.5	5-21.5	0-2.5	1,267	0.24
F-7	2S/3W-28J5	Safeway Milk Plant	2000 Adams Street, San Leandro	June 1987	Monitoring	NA	21	NA	NA	1,267	0.24
F-8	2S/3W-28J8	Safeway Milk Plant	2000 Adams Street, San Leandro	12/4/1997	Monitoring	NA	20	NA	NA	1,267	0.24
F-9	2S/3W-28J9	Safeway Milk Plant	2000 Adams Street, San Leandro	12/4/1997	Monitoring	NA	20	NA	NA	1,267	0.24
F-10	2S/3W-28J10	Safeway Milk Plant	2000 Adams Street, San Leandro	12/4/1997	Monitoring	NA	20	NA	NA	1,267	0.24
G-1	2S/3W-28Q1	Edgewater International Trucks	390 Doolittle Drive, San Leandro	5/2/1986	Monitoring/ Remediation (EW-1)	NA	26	6-26	0-5	1,795	0.34
G-2	2S/3W-28Q2	Edgewater International Trucks	390 Doolittle Drive, San Leandro	5/2/1986	Monitoring/ Remediation (EW-2)	NA	25	6-25	0-5	1,795	0.34
H-1	2S/3W-28G1	Ratto Bros, Inc	190 Tunis Road & 98th Avenue, Oakland	July 1956	Irrigation	NA	250	NA	NA	1,795	0.34

Table 2. DWR/ACPWA Well Survey Summary - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Map ID	State Well No.	Well Owner	Approximate Well Location	Installation Date	Well Type	Current Well Use	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Seal Interval (ft bgs)	Approximate Distance from Former USTs (ft)	Approximate Distance from Former USTs (mi)
H-2	2S/3W-28G2	Ratto Bros, Inc	191 98th Avenue, Oakland,	6/2/1988	Irrigation	NA	305	25-305	0-25	1,267	0.24
I-1	2S/3W-28G3	California Glass Company	155 98th Avenue, Oakland	3/26/1990	Monitoring (EA-1)	NA	20	5-20	0-3.5	1,795	0.34
I-2	2S/3W-28G4	California Glass Company	155 98th Avenue, Oakland	3/26/1990	Monitoring (EA-2)	NA	20	5-20	0-3.5	1,795	0.34
I-3	2S/3W-28G5	California Glass Company	155 98th Avenue, Oakland	3/27/1990	Monitoring (EA-3)	NA	20	5-20	0-3.5	1,795	0.34
J-1	2S/3W-287	David Property	106-110 Hegenberger Road	February 1994	Monitoring	NA	23	NA	NA	2,587	0.49
J-2	2S/3W-288	David Property	106-110 Hegenberger Road	February 1994	Monitoring	NA	24	NA	NA	2,587	0.49
J-3	2S/3W-289	David Property	106-110 Hegenberger Road	February 1994	Monitoring	NA	31	NA	NA	2,587	0.49
K-1	2S/3W-28J6	Bigge Crane and Rigging	10700 Bigge Avenue, San Leandro	February 1993	Monitoring (MW-1)	NA	24	NA	NA	1,003	0.19
K-2	2S/3W-28J7	Bigge Crane and Rigging	10700 Bigge Avenue, San Leandro	February 1993	Monitoring (MW-2)	NA	24	NA	NA	1,003	0.19
L-1	2S/3W-28G6	Budget Rent-a-Car	121 98th Avenue, Oakland	May 1993	Monitoring	NA	11	NA	NA	2,059	0.39
L-2	2S/3W-28G7	Budget Rent-a-Car	121 98th Avenue, Oakland	May 1993	Monitoring	NA	11	NA	NA	2,059	0.39
L-3	2S/3W-28G8	Budget Rent-a-Car	121 98th Avenue, Oakland	May 1993	Monitoring	NA	11	NA	NA	2,059	0.39

Table 2. DWR/ACPWA Well Survey Summary - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Map ID	State Well No.	Well Owner	Approximate Well Location	Installation Date	Well Type	Current Well Use	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Seal Interval (ft bgs)	Approximate Distance from Former USTs (ft)	Approximate Distance from Former USTs (mi)
L-4	2S/3W-28G9	Budget Rent-a-Car	121 98th Avenue, Oakland	September 1994	Monitoring	NA	11	NA	NA	2,059	0.39
M-1	2S/3W-28F4	Paramount Pest Control	20 Hegenberger Place, Oakland	July 1993	Monitoring	NA	25	NA	NA	2,165	0.41
M-2	2S/3W-28F5	Paramount Pest Control	20 Hegenberger Place, Oakland	July 1993	Monitoring	NA	25	NA	NA	2,165	0.41
M-3	2S/3W-28F6	Paramount Pest Control	20 Hegenberger Place, Oakland	July 1993	Monitoring	NA	25	NA	NA	2,165	0.41
N	2S/3W-28R4	Precision Founders, Inc	414 Hester Street, San Leandro	October 1990	Monitoring	NA	61	NA	NA	1,795	0.34
O-1	2S/3W-28R5	Benkiser Electric	519 Whitney Street, San Leandro	May 1991	Monitoring	NA	11	NA	NA	1,320	0.25
O-2	2S/3W-28R7	Benkiser Electric	519 Whitney Street, San Leandro	March 1991	Monitoring	NA	11	NA	NA	1,320	0.25
O-3	2S/3W-28R8	Benkiser Electric	519 Whitney Street, San Leandro	March 1991	Monitoring	NA	11	NA	NA	1,320	0.25
P-1	2S/3W-28R9	Bedford Properties	717 Whitney Street, San Leandro	October 1991	Monitoring (MW-1)	NA	17	NA	NA	1,901	0.36
P-2	2S/3W-28R10	Bedford Properties	717 Whitney Street, San Leandro	October 1991	Monitoring (MW-2)	NA	16	NA	NA	1,901	0.36
P-3	2S/3W-28R11	Bedford Properties	717 Whitney Street, San Leandro	October 1991	Monitoring (MW-3)	NA	17	NA	NA	1,901	0.36
P-4	2S/3W-28R12	Bedford Properties	717 Whitney Street, San Leandro	October 1991	Monitoring (MW-4)	NA	17	NA	NA	1,901	0.36

Table 2. DWR/ACPWA Well Survey Summary - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

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P-5	2S/3W-28R16	Bedford Properties	717 Whitney Street, San Leandro	October 1991	Monitoring (MW-5)	NA	14	NA	NA	1,901	0.36
P-6	2S/3W-28R17	Bedford Properties	717 Whitney Street, San Leandro	October 1991	Monitoring (MW-6)	NA	13	NA	NA	1,901	0.36
P-7	2S/3W-28R18	Eaton Corporation	717 Whitney Street, San Leandro	October 1991	Monitoring	NA	10	NA	NA	1,901	0.36
P-8	2S/3W-28R19	Eaton Corporation	717 Whitney Street, San Leandro	October 1991	Monitoring	NA	10	NA	NA	1,901	0.36
P-9	2S/3W-28R20	Eaton Corporation	717 Whitney Street, San Leandro	October 1991	Monitoring	NA	10	NA	NA	1,901	0.36
Q-1	2S/3W-28R15	C, K, M, B & L	485 Hester Street, San Leandro	January 1993	Monitoring (MW-1)	NA	15	NA	NA	2,270	0.43
Q-2	2S/3W-28R13	C, K, M, B & L	485 Hester Street, San Leandro	January 1993	Monitoring (MW-2)	NA	16	NA	NA	2,270	0.43
Q-3	2S/3W-28R14	C, K, M, B & L	485 Hester Street, San Leandro	January 1993	Monitoring (MW-3)	NA	16	NA	NA	2,270	0.43
R	2S/3W-28Q11	Port of Oakland	10505 Doolittle Drive, Oakland	April 1991	Monitoring	NA	20	NA	NA	2,270	0.43
S	2S/3W-28R23	Kaiser Aerotech	480 Hester Street, San Leandro	March 1997	Monitoring	NA	10	NA	NA	2,059	0.39
T*	2S/3W-28L	Former Lew Galbraith Golf Course	Port of Oakland	November 1995	Monitoring	NA	NA	NA	NA	2,218	0.42

Table 2. DWR/ACPWA Well Survey Summary - Estes - GI Trucking Company, 1750 Adams Avenue, San Leandro, California

Map ID	State Well No.	Well Owner	Approximate Well Location	Installation Date	Well Type	Current Well Use	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Seal Interval (ft bgs)	Approximate Distance from Former USTs (ft)	Approximate Distance from Former USTs (mi)

Notes and Abbreviations:

Well information provided by the State of California Department of Water Resources (DWR) and Alameda County Public Works Agency (ACPWA)

Map ID = Well identification letter refers to well location on Figure 4.

State Well Number = California State well identification number as recorded by the Department of Water Resources in Sacramento, California.

Approximate Well Location = Well locations plotted according to the information provided on the DWR *Well Completion Reports* and additional research.

Well Type = stated well use from *Well Completion Report* provided by DWR and ACPWA

NA = Not available

ft bgs = feet below ground surface

* = At least 22 monitoring wells were installed on the former Lew Galbraith Golf Course, which is located approximately 0.4 miles southwest of the site. Since the wells are scattered throughout the course, the Map ID was plotted near the northeastern boundary to be conservative.

ATTACHMENT A

Regulatory Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 5, 2006

Mr. Mike Rogers
ABF Freight Systems
PO Box 10048
Fort Smith, AR 72917-0048

Treadark Real Estate Crop
3801 Greenwood Rd.
Fort Smith AR, 72903

Estes Terminals California
3901 W. Broad Street
Richmond, VA 23230

Subject: Fuel Leak Case No. RO00000442 GI Trucking Company, 1750 Adams Avenue, San Leandro, CA

Dear Mr. Rogers:

Alameda County Environmental Health Department (ACEH) staff has reviewed the case file and the report entitled, "2005 Annual Groundwater Sampling Event", dated March 31, 2005 and prepared on your behalf by Blymer Engineers Inc. Groundwater sampling conducted during the 2005 event confirmed the presence of low levels of TPHd in groundwater immediately downgradient of the former USTs location. However, free phase petroleum hydrocarbons have been detected onsite as recently as May 2001, in groundwater recovery well RW-1. In June 2002 high concentrations of up to 280,000 µg/L TPHd were detected in recovery well RW-2. Current conditions on site including residual petroleum hydrocarbon contamination in soil and groundwater should be thoroughly evaluated before ACEH can consider your site for regulatory closure.

In order to facilitate the regulatory process, ACEH request that a preferential pathway study, including a well survey, be completed at your site. In addition, we request that you complete groundwater monitoring and sampling for all onsite monitoring wells to determine current groundwater conditions throughout the site. Lastly, our review of the California State Water Quality Control Boards' Geotracker website indicate that you have not claimed your site, nor have the reporting requirements pursuant to CCR Sections 2729 and 2729.1 been satisfied. Please submit all relevant documents including well survey data, soil and groundwater laboratory analytical data and quarterly groundwater monitoring reports to the Geotracker website by **December 30, 2006.**

Based on ACEH staff review of the case file, we request that you address the following technical comments and prepare a work plan detailing work to be performed, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. Preferential Pathway Study

The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of the NAPL and/or plume encountering preferential

pathways and conduits that could spread contamination. Of particular concern is the identification of abandoned wells and improperly-destroyed wells that can act as vertical conduits to deeper water bearing zones, pumping wells in the vicinity of your site, and manmade conduits for shallow contamination migration. Our request is based on a review of current and historical groundwater elevation data, which indicate that the shallow depth to water -approximately 4 feet to 6 feet bgs- may have caused utilities to become submerged, and thus act as a conduit for offsite contamination migration.

We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site. Include an evaluation of the probability of the dissolved phase and NAPL plumes for all constituents of concern encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper drinking water aquifers. The results of your study shall contain all information required by 23 CCR, Section 2654(b). Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed well survey and utility survey) and report your results in the Preferential Pathway Study requested below.

a) **Utility Survey**

An evaluation of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s) is required as part of your study. Submittal of map(s) and cross-sections showing the location and depth of all utility lines and trenches within and near the site and plume area(s) is required as part of your study.

b) **Well Survey**

The preferential pathway study shall include a detailed well survey of all wells (monitoring and production wells: active, inactive, standby, destroyed (sealed with concrete), abandoned (improperly destroyed); and dewatering, drainage, and cathodic protection wells) within a 1/2-mile radius of the subject site. Submittal of map(s) showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study.

2. **Groundwater Monitoring and Sampling.** No groundwater samples have been collected for recovery wells RW-1 and RW-2 since June 2002. In June 2002 high levels of dissolved TPHd were detected in recovery well RW-2 at concentrations of up to 280,000 µg/L, which is the highest concentration ever recorded for this well. Furthermore, our review of groundwater analytical data suggest the concentration of TPHd in the source area may not be decreasing. Downgradient monitoring wells MW-2, MW-3, and MW-5 tested maximum concentrations of 160 µg/L TPHd, while benzene and MtBE were not detected above laboratory reporting limits.

Groundwater analytical results from downgradient monitoring wells suggest that the extent of the dissolved phase contamination has been defined. However, ACEH request that groundwater samples be collected from all onsite monitoring wells in order to determine current groundwater conditions throughout the site. Groundwater samples collected during

monitoring well sampling are to be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from groundwater monitoring and sampling activities in the Groundwater Monitoring Report requested below.

3. **Geotracker EDF Submittals** - A review of the case file and the State Water Resources Control Board's (SWRCB) Geotracker website indicate that electronic copies of analytical data have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collected groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation. Please perform the electronic submittals for applicable data and submit verification to this Agency by **December 30, 2006.**

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **January 10, 2006** – Preferential Pathway Study and Groundwater Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10, 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the

requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

Should you have any questions, do not hesitate to call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

Wilken, Brandon

From: Plunkett, Steven, Env. Health [steven.plunkett@acgov.org]
Sent: Monday, March 05, 2007 8:06 AM
To: Wilken, Brandon
Subject: RE: Fuel Leak Case No. RO00000442, 1750 Adams Avenue, San Leandro

Brandon,

The request for extension for monitoring/sampling and preferential study to March 30, 2007 is acceptable. However, due to delays caused by previous consultants, ACEH is unlikely to provide an additional time extension unless extremely extenuating circumstance arise (i.e. meteorite impact followed by mass extinction).

If you have any questions, feel free to contact me.

Cheers
Steven Plunkett
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
510-383-1767
510-337-9355 Fax
steven.plunkett@acgov.org

From: Wilken, Brandon [mailto:BWilken@cambria-env.com]
Sent: Friday, February 16, 2007 2:43 PM
To: Plunkett, Steven, Env. Health
Cc: Hernandez, Celina; Berry, Thomas
Subject: Fuel Leak Case No. RO00000442, 1750 Adams Avenue, San Leandro

Hello Steven,

As we discussed today, Cambria would like to request a deadline extension on behalf of Estes Express Lines for the scope of work outlined in your letter dated December 5, 2006. The scope of work entails a Preferential Pathway Study, Groundwater Monitoring and Sampling Event, and Geotracker Uploading. We propose to have the entire scope of work completed by March 30, 2007. If this is acceptable to you please contact us via e-mail or in writing. Thanks for considering this extension request and we look forward to working with you on this site.

Brandon S. Wilken, P.G.
Senior Project Geologist
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
P. 510.420.3355
F. 510.420.9170
C. 925.260.1833

A Woman-Owned Business

ATTACHMENT B

Soil Analytical Data

BLAINE TECH SERVICES

P O BOX 5745
SAN JOSE CA 95150
(408) 723-3974

Include ALL of the following designation in lab reports and invoices
\# 8700A\$H [illegible]

BCI DRILLING (PROJECT 80(F)
BLYMER & SONS ENGINEERS
AT MILNE TRUCKING CO

EVERYTHING written above this line is the project designation

Field sampling completed ___:___ hrs. 12-31-80 performed by L PALAK

RELEASED BY		ACCEPTED BY	
___:___ hrs. - -80		11:30 hrs. 1-1-87	[signature]
[illegible] hrs. 1 - -87	[illegible]	___:___ hrs. - -87	[signature]
___:___ hrs. - -80		___:___ hrs. - -80	
___:___ hrs. - -80		___:___ hrs. - -80	

[illegible]			TYPE	[illegible]	[illegible]	[illegible]	[illegible]
MW 1	1-1	4'	SOIL	~~[illegible]~~ WASTE			
MW 1	1-2	6'	↓				
MW 2	2-1	5'	↓	WASTE			
MW 2	2-2	9'	↓	↓			
MW 3	3-2	8'	↓	~~[illegible]~~ WASTE			
MW 4	4-1	5'	↓	↓			
MW 4	4-2	10'	↓	✓			

[illegible]

S&W
SOIL AND WATER
LABORATORY
Soil Fertility—Plant Tissue
Pollution and Residue Control
Drinking Water

14072 W. Park Avenue
Boulder Creek, CA 95006

(408) 338-3053

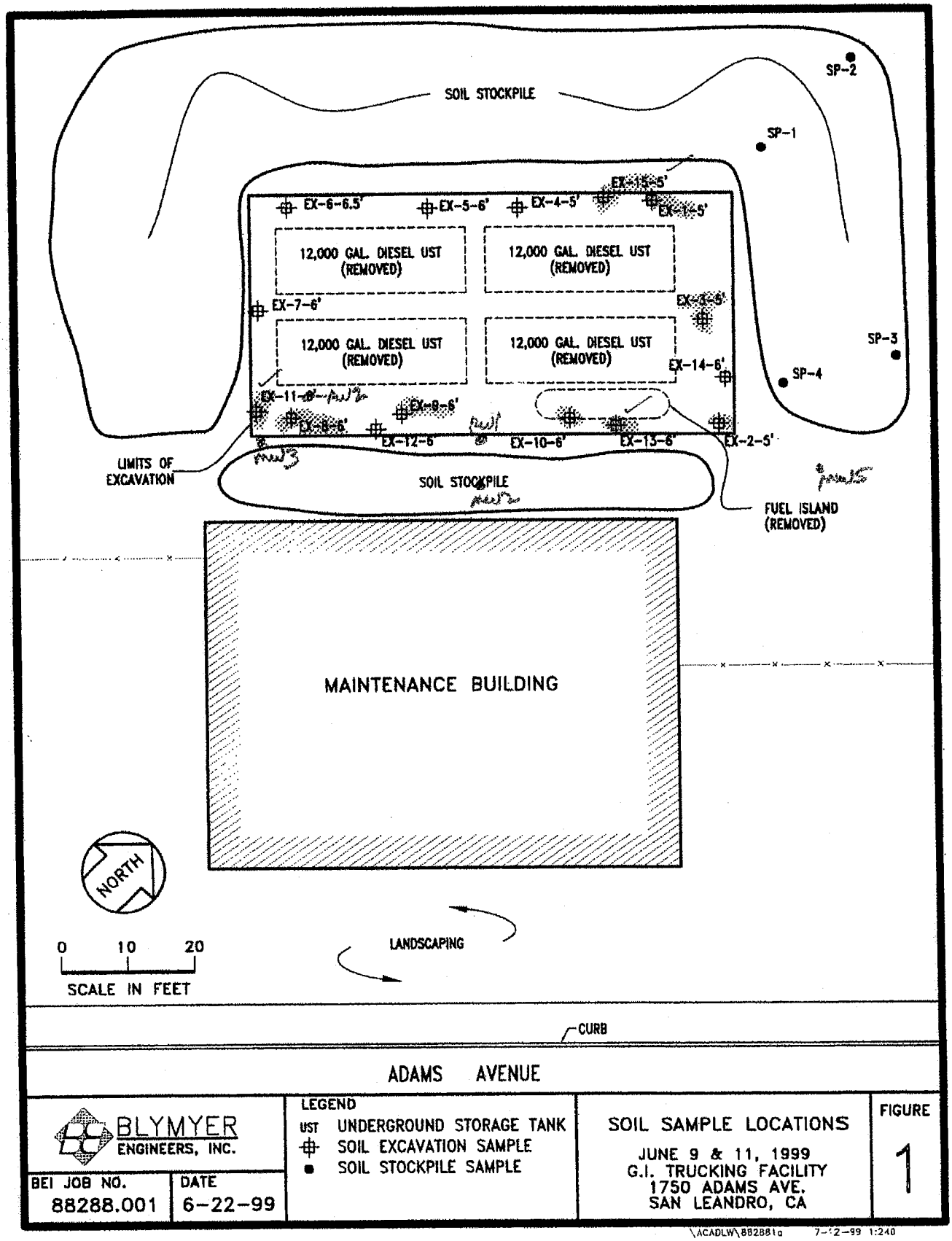
Laboratory Report

Client	Report Date
Blaine Tech Services P. O. Box 5745 San Jose, CA. 95150	1/13/87
Sample Site	**Date Received**
EGI Drilling (Project 8618) Blymer & Sons Engineers at Milne Trucking Co. 8618	1/5/87

Analysis Requested	Procedure	Date Analyzed
Soil/Waste Oil	EPA 3550	1/11/87

S&W Ref. #	Client Ref. #	Matrix/Analysis	Concentration (ppm)	Detection Limit (ppm)
005B7-11	4'	Soil/Waste Oil	110	20 ppm
005B7-12	8'	Soil/Waste Oil	80	20 ppm
005B7-13	5'	Soil/Waste Oil	210	20 ppm
005B7-14	9'	Soil/Waste Oil	118	20 ppm
005B7-15	8'	Soil/Waste Oil	137	20 ppm
005B7-16	5'	Soil/Waste Oil	91	20 ppm
005B7-17	10'	Soil/Waste Oil	71	20 ppm

Analyst Signature R. T. Lemay



BLYMYER ENGINEERS, INC.

BEI JOB NO.	DATE
88288.001	6-22-99

LEGEND

UST UNDERGROUND STORAGE TANK
SOIL EXCAVATION SAMPLE
SOIL STOCKPILE SAMPLE

SOIL SAMPLE LOCATIONS

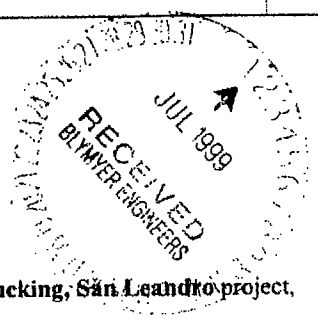
JUNE 9 & 11, 1999
G.I. TRUCKING FACILITY
1750 ADAMS AVE.
SAN LEANDRO, CA

FIGURE 1

\ACADLW\88288fig 7-12-99 1:240

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: G.I. Trucking, San Leandro	Date Sampled: 06/09/99
		Date Received: 06/09/99
	Client Contact: Sue Black	Date Extracted: 06/09/99
	Client P.O:	Date Analyzed: 06/09/99



06/17/99

Dear Sue:

Enclosed are:

1). the results of 11 samples from your **G.I. Trucking, San Leandro** project,

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: G.I. Trucking, San Leandro	Date Sampled: 06/09/99
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	Client Contact: Sue Black	Date Extracted: 06/09/99
	Client P.O:	Date Analyzed: 06/09/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
12853	EX-1	S	81,g	ND	ND	ND	ND	ND	102
12854	EX-2	S	120,g	ND	ND	ND	ND	ND	101
12855	EX-3	S	26,g	ND	ND	ND	ND	ND	97
12856	EX-4	S	ND	ND	ND	ND	ND	ND	99
12857	EX-5	S	ND	ND	ND	ND	ND	ND	100
12858	EX-6	S	3.7,g	ND	ND	ND	ND	ND	100
12859	EX-7	S	ND	ND	ND	ND	ND	ND	106
12860	EX-8	S	120,g	ND	ND	ND<0.01	ND	0.17	104
12861	EX-9	S	120,g	ND	ND	0.013	ND	0.19	100
12862	EX-10	S	390,g,j	ND<0.20	ND<0.03	0.45	0.45	1.5	96
12863	SP-1-4	S	7.9,g	ND	ND	0.010	ND	0.008	98
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: G.I. Trucking, San Leandro	Date Sampled: 06/09/99
		Date Received: 06/09/99
	Client Contact: Sue Black	Date Extracted: 06/09/99
	Client P.O:	Date Analyzed: 06/09-06/10/99

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	% Recovery Surrogate
12853	EX-1	S	2300,c	104
12854	EX-2	S	4500,a	105
12855	EX-3	S	2100,a	105
12856	EX-4	S	ND	102
12857	EX-5	S	ND	100
12858	EX-6	S	85,c	106
12859	EX-7	S	ND	97
12860	EX-8	S	2000,c	104
12861	EX-9	S	2000,a	118
12862	EX-10	S	2900,c,d	107
12863	SP-1-4	S	190,c	106
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

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

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: G.I. Trucking, San Leandro	Date Sampled: 06/09/99
		Date Received: 06/09/99
	Client Contact: Sue Black	Date Extracted: 06/10/99
	Client P.O:	Date Analyzed: 06/11/99

Polynuclear Aromatic Hydrocarbons (PAH / PNA) by GC-MS

EPA methods 625 (modified 610) and 3510 or 8270 (modified 8100) and 3550

Lab ID	12854	12862	Reporting Limit	
Client ID	EX-2	EX-10	S	W, STLC TCLP
Matrix	S	S		
Compound	Concentration*		mg/kg	ug/L
Acenaphthene	ND<20	ND<10	0.33	10
Acenaphthylne	ND<20	ND<10	0.33	10
Anthracene	ND<20	ND<10	0.33	10
Benzo(a)anthracene	ND<20	ND<10	0.33	10
Benzo(b)fluoranthene	ND<20	ND<10	0.33	10
Benzo(k)fluoranthene	ND<20	ND<10	0.33	10
Benzo(g,h,i)perylene	ND<20	ND<10	0.33	10
Benzo(a)pyrene	ND<20	ND<10	0.33	10
Chrysene	ND<20	ND<10	0.33	10
Dibenzo(a,h)anthracene	ND<20	ND<10	0.33	10
Fluoranthene	ND<20	ND<10	0.33	10
Fluorene	ND<20	ND<10	0.33	10
Indeno(1,2,3-cd)pyrene	ND<20	ND<10	0.33	10
Naphthalene	ND<20	ND<10	0.33	10
Phenanthrene	ND<20	ND<10	0.33	10
Pyrene	ND<20	ND<10	0.33	10
% Recovery Surrogate 1	114	108		
% Recovery Surrogate 2	80	101		
Comments	j	j		

* water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

surrogate diluted out of range or surrogate coelutes with another peak

(h) a lighter than water immiscible sheen is present; (i) liquid sample that contains >~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Telephone: [illegible] Fax: [illegible]

QC REPORT FOR HYDROCARBON ANALYSES

Date: 06/08/93-06/09/93 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#06550)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ethylbenzene	0.000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Xylenes	0.000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TPH (diesel)	0	302	300	300	91	100	[illegible]
TRPH (oil and grease)	0.0	22.6	[illegible]	[illegible]	109	107	[illegible]

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR SVOCs (EPA 8270/625/525)

Date: 06/11/99 Matrix: SOIL

Analyte	Concentration (ug/Kg,m Sample (#02117)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
Phenol	0	54	45	100	54	45	36.4
2-Chlorophenol	0	68	60	100	68	60	12.5
1, 4-Dichlorobenzene	0	61	55	100	61	55	10.3
N-nitroso-di-n-propyl	0	42	36	100	42	36	15.4
1, 2, 4-Trichlorobenz	0	62	53	100	62	53	15.7
4-Chloro-3-methylphen	0	61	48	100	61	48	23.9
4-Nitrophenol	0	57	50	100	57	50	13.1
Acenaphthene	0	77	73	100	77	73	5.3
2, 4- Dinitrotoluene	0	62	56	100	62	56	10.2
Pentachlorophenol	0	64	50	100	64	50	24.6
Pyrene	0	64	56	100	64	56	13.3

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS - MSD) x 2 x 100

BLYMYER
ENGINEERS, INC.
1829 Clement Avenue
Alameda, CA 94501 (510) 521-3773 FAX (510) 865-2594

CHAIN OF CUSTODY RECORD

15487 ZBEI5

JOB #:

PROJECT NAME/LOCATION: G. I. TRUCKING SAN LEANDRO

SAMPLERS (SIGNATURE): [signature]

TURNAROUND TIME: 3 DAY(S)

REMARKS: [redacted]

DATE	TIME	COMP	GRAB	SAMPLE NAME/LOCATION		# OF CONTAINERS	TPH AS GASOLINE + BTXE (MOD EPA 8015/8020)	TPH AS DIESEL (MOD EPA 8015)	VOC (EPA 624/8240)	SEMI-VOC (EPA 625/8270)	TRPH (EPA 418.1)	BTXE (EPA 8020/602) + MTBE	PNA Add-on RUSH 6/10/99	HOLD	REMARKS
6/9/99	10:30		X	EX-1	12853	1		X				X	X		RUN 2 NIGHEST TPH-D results for PNA's.
↓	10:39		↓	EX-2	12854	↓		↓				↓	X		
	10:43			EX-3	12855										
	10:49			EX-4	12856										
	11:00			EX-5	12857										
	11:15			EX-6	12858										
	11:26			EX-7	12859										
	11:30			EX-8	12860										
				EX-9				X				X			
				EX-10				X				X	X		
	12:45			SP-1	12861										COMPOSITE + RUN FOR TPH-D, BTEX, + MTBE.
	12:47			SP-2	12862										
	12:55			SP-3	12863										
↓	1:00		↓	SP-4		↓									

REQUESTED BY: BEI CONSTRUCTION

RESULTS AND INVOICE TO:

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
[signature]	6/9/99 3:15	Naidi Rivera			

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE / TIME	REMARKS:

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: #88288; GI Truking, San Leandro	Date Sampled: 06/11/99
		Date Received: 06/11/99
	Client Contact: Mark Detterman/Sue Black	Date Extracted: 06/11/99
	Client P.O:	Date Analyzed: 06/11/99

06/18/99

Dear Mark/Sue:

Enclosed are:

1). the results of **5** samples from your **#88288; GI Trucking, San Leandro** project,

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: #88288; GI Truking, San Leandro	Date Sampled: 06/11/99
		Date Received: 06/11/99
	Client Contact: Mark Detterman/Sue Black	Date Extracted: 06/11/99
	Client P.O:	Date Analyzed: 06/11/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)^	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
13052	EX-11-6'	S	---	ND<0.1	ND	ND<0.23	ND	0.16	105
13053	EX-12-6'	S	---	ND<0.1	ND<0.023	ND	ND	0.032	103
13054	EX-13-6'	S	---	ND<0.1	ND	0.045	ND	ND	95
13055	EX-14-6'	S	---	ND<0.21	ND	ND	ND	0.034	105
13056	EX-15-5.5'	S	---	ND<0.1	ND	ND	ND	0.096	101
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

^ cluttered chromatogram; sample peak coelutes with surrogate peak

"The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Blymyer Engineers, Inc. 1829 Clement Avenue Alameda, CA 94501	Client Project ID: #88288; GI Truking, San Leandro	Date Sampled: 06/11/99
		Date Received: 06/11/99
	Client Contact: Mark Detterman/Sue Black	Date Extracted: 06/11/99
	Client P.O:	Date Analyzed: 06/11/99

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)*	% Recovery Surrogate
13052	EX-11-6'	S	2400,a	117
13053	EX-12-6'	S	620,c	104
13054	EX-13-6'	S	2200,a	108
13055	EX-14-6'	S	620,c	104
13056	EX-15-5.5'	S	2400,a	104
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

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

*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 06/11/99 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#11600)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.124	2.010	2.03	105	99	5.5
Benzene	0.000	0.194	0.196	0.2	97	98	1.0
Toluene	0.000	0.204	0.204	0.2	102	102	0.0
Ethylbenzene	0.000	0.206	0.200	0.2	103	100	3.0
Xylenes	0.000	0.620	0.592	0.6	103	99	4.6
TPH(diesel)	0	291	298	300	97	99	2.6
TRPH (oil and grease)	0.0	24.3	23.3	23.7	103	98	4.2

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

Pat FAIK 510-715-3086

15532abei6.doc

BLYMYER ENGINEERS, INC.

1829 Clement Avenue
Alameda, CA 94501 (510) 521-3773 FAX (510) 865-2594

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

JOB # 88288

PROJECT NAME/LOCATION: GI Trucking, San Leandro

SAMPLERS (SIGNATURE): Mark Detterman

TURNAROUND TIME: 24 / 1 DAY(S)

REMARKS:

DATE	TIME	COMP	GRAB	SAMPLE NAME/LOCATION	# OF CONTAINERS	TPH AS GASOLINE + BTXE (MOD EPA 8015/8020)	TPH AS DIESEL (MOD EPA 8015)	VOC (EPA 624/8240)	SEMI-VOC (EPA 625/8270)	TRPH (EPA 418.1)	BTXE (EPA 8020/602) LAUNDRY	HOLD
6/1/99	340		X	EX-11-6'	1 brass		X				X	
	345			EX-12-6'								
	355			EX-13-6' (MD)								
	405			EX-14-6								
	445			EX-15-5.5'								

Priority 1 Highest
2
3
4
5 Lowest

VOAS | O&G | METALS | OTHER

PRESERVATION APPROPRIATE

ICE ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
CONTAINERS ✓

REQUESTED BY: Mark Detterman

RESULTS AND INVOICE TO: Mark Detterman / Sue Block

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
Mark Detterman	6/1/99 5:15 PM	
RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)
	6/1/99 7:04	Phyllis Dean

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
DATE / TIME	REMARKS:	
06/1/99 7:04		

ATTACHMENT C

Groundwater Analytical Data

SEQ 2-13-87

BLAINE TECH SERVICES

P O BOX 5745
SAN JOSE, CA 95150
(408) 723-3974

Include ALL of the following designation in lab reports and invoices

870127F1 — Blymyer & Sons PC

EVERYTHING written above this line is the project designation

Field sampling completed 10:15 hrs. 1-27-87 performed by [signature]

RELEASED BY		ACCEPTED BY	
__:__ hrs. 1-27-86		__:__ hrs. - -86	[signature]
4:05 hrs. 1-30-87	[signature]	__:__ hrs. 1-30-87	[signature]
__:__ hrs. - -86		__:__ hrs. - -86	
__:__ hrs. - -86		__:__ hrs. - -86	

I.D.	TYPE	ANALYSIS	LAB #	PRELIMS	FINAL
MW-1	Liquid	[illegible]			
MW-2	↓	↓			
MW-3	↓	↓			
MW-4	↓	↓			

TURN AROUND [illegible]

REPORT TO: [illegible]

Attn

Phone

BILLING INVOICE TO: [illegible]

Attn

Verbal/Ref PO From:

cc BLAINE TECH SERVICES (always)
cc OTHER:

SPECIAL INSTRUCTIONS

Phone results to BTS
Phone results to client direct

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

Blaine Tech Services
P.O. Box 5745
San Jose, CA 95150
Attn: Richard Blaine

Date Sampled: 01/27/87
Date Received: 01/30/87
Date Reported: 02/03/87

Sample Number	Sample Description	Oil & Grease mg/L
	BTS #87027F1, Blymer & Sons Proj. at 1750 Adams Avenue in San Leandro	
7011585	Water MW-1	< 5
7011586	Water MW-2	< 5
7011587	Water MW-3	< 5
7011588	Water MW-4	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

Table III. Summary of Miscellaneous Groundwater Sample Analytical Results
BEI Job No. 88288 L. C. L. Trucking Facility
1750 Adams Avenue San Leandro, California

Sample I.D.	Date Sampled	Modified EPA Method 8015		EPA Method 418.1	EPA Method 601	EPA Method 8270	EPA Methods 6010 and 7421	EPA Method 8270	EPA Method 8260B
		TPH as gasoline (mg/L)	TPH as motor oil[a] (mg/L)	TRPH (mg/L)	HVOCs (µg/L)	SVOCs (µg/L)	Metals[b] (mg/L)	PNAs (µg/L)	Fuel Oxygenates (µg/L)
RW-1 **	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA	NA	NA
	November 29, 1994[c]	NA	NA	NA	NA	NA	NA	NA	NA
	February 15, 1995[c]	NA	NA	NA	NA	NA	NA	NA	NA
	August 16, 1995[c]	NA	NA	NA	NA	NA	NA	ND	NA
	August 27, 1998	NA	NA	NA	NA	NA	NA	NA	NA
	March 4 & 11 1999	NA	NA	NA	NA	NA	NA	NA	NA
	May 30, 2001	NA	NA	NA	NA	NA	NA	NA	NA
	June 18, 2002	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA	NA	NA
	November 29, 1994	<0.05	NA	NA	ND	ND	ND[d]	NA	NA

Table III. Summary of Miscellaneous Groundwater Sample Analytical Results
BEI Job No. 88288, L & L Trucking Facility
1750 Adams Avenue, San Leandro, California

Sample I.D.	Date Sampled	Modified EPA Method 8015		EPA Method 418.1	EPA Method 601	EPA Method 8270	EPA Methods 6010 and 7421	EPA Method 8270	EPA Method 8260B
		TPH as gasoline (mg/L)	TPH as motor oil[a] (mg/L)	TRPH (mg/L)	HVOCs (µg/L)	SVOCs (µg/L)	Metals[b] (mg/L)	PNAs (µg/L)	Fuel Oxygenates (µg/L)
	February 15, 1995	<0.05	<0.5	<5.0	ND	ND	0.002 Pb[e]	NA	NA
	August 16, 1995[f]	NA	NA	NA	NA	NA	NA	NA	NA
	August 27, 1998	NA	NA	NA	NA	NA	NA	**ND**	NA
	March 4 & 11, 1999	NA	NA	NA	NA	NA	NA	<10	NA
	May 30, 2001	NA	NA	NA	NA	NA	NA	NA	NA
	June 18, 2002	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA	NA	NA
	November 29, 1994	<0.05	NA	NA	ND	ND	ND[d]	NA	NA
	February 15, 1995	<0.05	<0.5	<5.0	ND	ND	0.004 Pb[e] 0.16 Zn[e]	NA	NA
	August 16, 1995[f]	NA	NA	NA	NA	NA	NA	NA	NA
	August 27, 1998	NA	NA	NA	NA	NA	NA	**ND**	NA

Table III. Summary of Miscellaneous Groundwater Sample Analytical Results
BEI Job No. 88288, [illegible] Facility
[illegible] Adams Avenue, San Leandro, California

Sample I.D.	Date Sampled	Modified EPA Method 8015		EPA Method 418.1	EPA Method 601	EPA Method 8270	EPA Methods 6010 and 7421	EPA Method 8270	EPA Method 8260B
		TPH as gasoline (mg/L)	TPH as motor oil[a] (mg/L)	TRPH (mg/L)	HVOCs (µg/L)	SVOCs (µg/L)	Metals[b] (mg/L)	PNAs (µg/L)	Fuel Oxygenates (µg/L)
	March 4 & 11, 1999	NA	NA	NA	NA	NA	NA	<10	NA
	June 18, 2002	NA	NA	NA	NA	NA	NA	NA	**3.1[g]**
RW-2	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA	NA	NA
	November 29, 1994[c]	NA	NA	NA	NA	NA	NA	NA	NA
	February 15, 1995[c]	NA	NA	NA	NA	NA	NA	NA	NA
	August 16, 1995[c]	NA	NA	NA	NA	NA	NA	**ND**	NA
	August 27, 1998	NA	NA	NA	NA	NA	NA	NA	NA
	March 4 & 11 1999	NA	NA	NA	NA	NA	NA	NA	NA
	May 30, 2001	NA	NA	NA	NA	NA	NA	NA	NA
	June 18, 2002	NA	NA	NA	NA	NA	NA	**ND**	NA

Table III, Summary of Miscellaneous Groundwater Sample Analytical Results (continued)

Notes:

*	=	Groundwater samples from monitoring wells MW-4 and MW-5 were not collected for these analyses.
**	=	Formerly designated as well MW-1
TPH	=	Total Petroleum Hydrocarbons
HVOCs	=	Halogenated Volatile Organic Compounds
SVOCs	=	Semi-volatile Organic Compounds
PNAs	=	Poly-nuclear Aromatic Compounds
MTBE	=	Methyl tert-butyl ether
mg/L	=	Milligrams per liter
μg/L	=	Micrograms per liter
NA	=	Not analyzed
ND	=	None of analytes detected above the detection limit; see individual laboratory report for respective detection limits.
a	=	TPH as motor oil analysis performed First Quarter 1995 only to provide additional groundwater chemistry data.
b	=	Metals analytical test includes: cadmium (Cd), chromium (Cr), lead (Pb), nickel (Ni), zinc (Zn).
c	=	Not analyzed due to presence of free product or product sheen in monitoring well.
d	=	Groundwater sample filtered and preserved before submittal to laboratory.
e	=	Detected analyte(s) and concentration(s) listed; see individual laboratory report for respective detection limit(s).
f	=	Analysis of groundwater samples for TPH as gasoline, TRPH, HVOCs, SVOCs, and metals was discontinued beginning this monitoring event.
g	=	MTBE confirmed at a concentration of 3.1 μg/L by EPA Method 8260B. All other fuel oxygenates were nondetectable at variable limits of detection. Please see laboratory report for details.

Table 1A - Free Product Recovery Measurements, Recovery Wells RW-1 and RW-2 BFI Job No. 88288.001, G.I. Trucking Facility 1750 Adams Avenue, San Leandro, California	
Date Recovered	Volume Recovered (gallons)
November 1988 to October 1993	No recovery performed
November 1993	0.125
December 1993	0.25
January 1994	0.05
February 1994	<0.05
March 1994	<0.05
April 1994	<0.05
May 1994	<0.05
June 1994	<0.025
July 1994	<0.025
August 1994[a]	0.1
November 1994	0.1
February 1995	<0.025
May 1995	<0.025
August 1995	No measurable product to recover
November 1995	0.25
February 1996	No measurable product to recover
June 1996	1.1
July 1996[b]	3.75
August 1996	121
September 1996	30
October 1996	23
November 1996	Soak-eze® installed/trace in passive skimmer
December 1996	Soak-eze® installed/trace in passive skimmer
January 1997	Soak-eze® installed/0.1 gallon in passive skimmer
February 1 to 6, 1997	Soak-eze® installed/trace in passive skimmer
February 7 to August 22, 1997	Soak-eze® installed/100 ml in passive skimmer
August 22, 1997 to February 12, 1998	Soak-eze® installed/0 ml in passive skimmer
February 13, 1998 to August 27, 1998	Soak-eze® replaced/20 ml in passive skimmer
August 28, 1998 to March 4, 1999	No measurable product to recover
May 30, 2001	50 ml in passive skimmer (RW-2), light sheen on water

Table IV: Free Product Recovery Measurements, Recovery Wells RW-1 and RW-2** BEI Job No. 88288.001, G-I Trucking Facility, 1751 Adams Avenue, San Leandro, California	
Date Recovered	Volume Recovered (gallons)
June 18, 2002	100 ml in passive skimmer (RW-2), no sheen reported
March 13, 2003	50 ml in passive skimmer (RW-1), no sheen reported (RW-1 and RW-2)
March 17, 2004	200 ml in passive skimmer (RW-1), no sheen reported (RW-1 and RW-2)
March 17, 2005	No sheen reported; no free phase in skimmer reported
Cumulative Volume Recovered (approximate)	180

Notes:
a = Frequency of recovery activities decreased from monthly to quarterly after this recovery event.
b = Frequency of recovery activities increased after this recovery event.
ml = milliliters
** = RW-2 installed in July 1996

ATTACHMENT D

Boring/Well Construction Logs

Project No. 86-1026 M

LOGGED BY LDP DATE DRILLED 12-31-86 BORING DIAMETER 8" BORING NO. M-1

Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/Foot 350 ft-lbs.	Qu - t.s.f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
2			A.C. & A. B.						M-1
4	1		Dark grey sl. sandy CLAY, moist (Dark brown, very sandy)	CL					
6									
8	2		Dark grey silty CLAY, moist (Tan mottling, wet)	CH					
10									
12			Buff & olive green sandy CLAY, wet	CL					
14									
16									
18			(Light brown)						
20									
22									
24			Interlayered brown & grey silty CLAY, moist	CH					
26			BOH 25 feet						

Well Construction Details:
Set 25' of 2" diameter sch.40 PVC Casing, lower 19' perforated. Aquarium sand backfill to 5', cement seal to surface. Installed vault box and locking well cap.

PAVLAK & Associates FIGURE NO. 2 - BORING LOG

Project No 86-1026-M

LOGGED BY LDP DATE DRILLED 12-31-86 BORING DIAMETER 8" BORING NO. M-2

Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft-lbs.	Qu - t.s.f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
2			A.C. & A.B.						M-2
4			Blue-green silty CLAY, moist, minor fine sand	CL					
6	1		(brown)						
8			(Grey-green, wet, minor GRAVEL						
10	2								
12									
14			Mottled buff and olive green sandy CLAY, wet	CL					
16									
18			Mottled grey & brown clayey fine SAND, wet	SC					
20									
22			Blue-grey silty CLAY, moist (brown)	CH					
24									
26			BOH 25 feet						

Well Construction Details:
Set 25' of 2" diameter sch.40 PVC casing, lower 19' perforated, aquarium sand backfill to 5', concrete seal to surface. Installed vault box and locking well cap.

PAVLAK & Associates FIGURE NO. 3 - BORING LOG

Project N 86-1026 A

LOGGED BY LDP DATE DRILLED 12-31-86 BORING DIAMETER 8" BORING NO. M-3

Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft-lbs.	Qu - t.s.f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
2			A.C. & A.B.						M-3
4	1		Blue-grey very silty CLAY, moist	CH					
6									
8	2		(Mottled olive green and grey, very moist)						
10									
12									
14			Buff and olive green sandy CLAY, wet	CL					
16									
18			(tan)						
20			Lt brown fine sandy SILT, wet	ML					
22									
24			Olive green and grey silty CLAY, moist	CH					
26									

BOH 25 feet

Well Construction Details:
Set 25' of 2" diameter sch. 40 PVC casing, lower 19' perforated. Aquarium sand backfill to 5', cement seal to surface. Installed vault box and locking well cap.

PAVLAK & Associates

FIGURE NO. 4 - BORING LOG

Project # 86-1020M

LOGGED BY LLP DATE DRILLED 12-31-86 BORING DIAMETER 8" BORING NO. M-4

Depth, ft.	Sample No. and Type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/Foot 350 ft-lbs.	Qu - t.s.f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB. RESULTS
0			A.C. & A.B.						
2			Brown clayey mec. GRAVEL, moist	GC					M-4
4			Brown very sandy SILT, moist	ML					
6	1		Dk. brown silty CLAY, moist	CH					
8									
10	2		▼ (Grey-green, very moist, minor GRAVEL, minor orange oxide staining)						
12									
14			Mottled buff, olive green, olive brown, very sandy CLAY with minor fine gravel, wet	CL					
16	3								
18									
20			Lt. brown silty very fine SAND very moist to wet	SM					
22	4								
24			Olive green silty CLAY, moist, (Brown, minor fine GRAVEL)	CH					
26	5								
28			BOH 26½ feet						

Well Construction Details:
Set 25' of 2" diameter, Sch. 40 PVC casing, lower 19' perforated. Aquarium sand backfill to 5', cement seal to surface. Installed vault box and locking well cap.

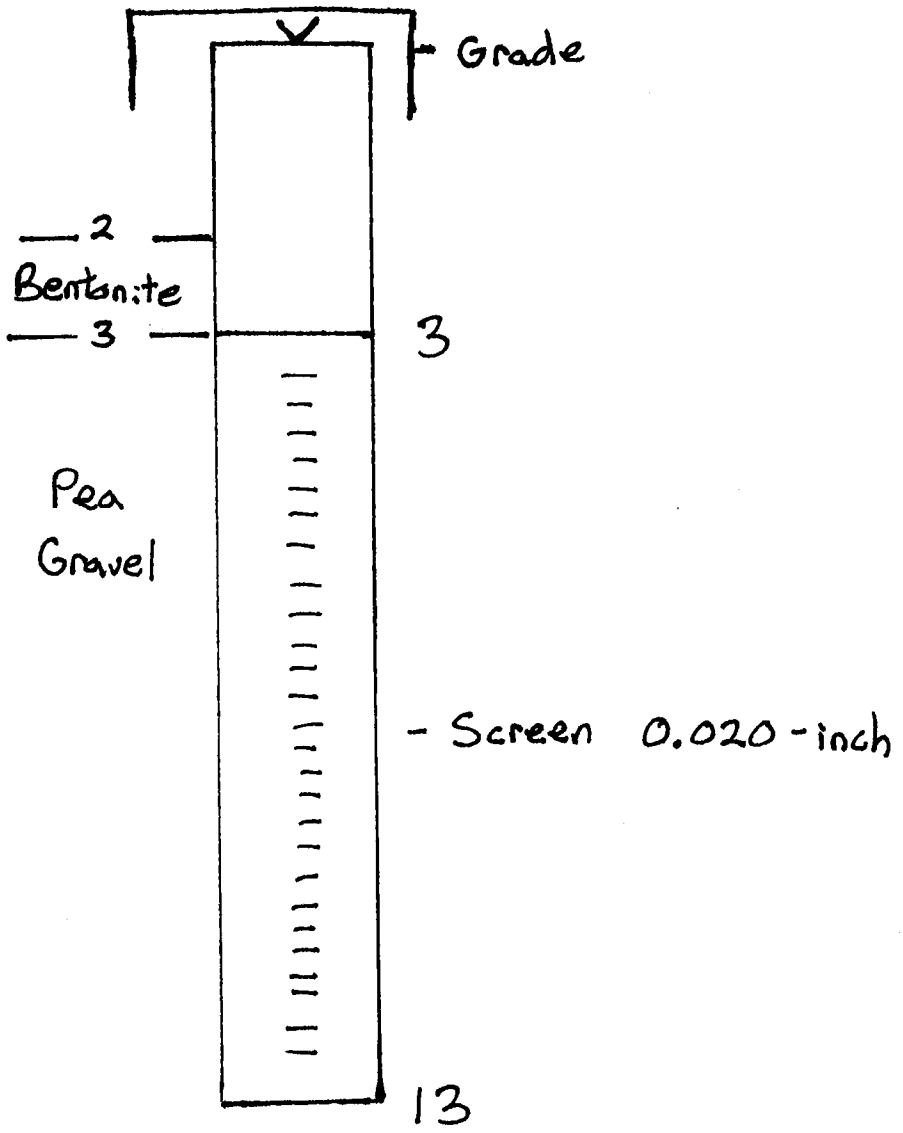
PAVLAK & Associates

FIGURE NO. 5 - BORING LOG

Inst date : 6/6/96

RW-2

4-inch dia
PVC



ATTACHMENT E

Field Data Sheets

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.

Site Address: 1750 Adams Avenue, San Leandro, CA

Date: 3/2/2007 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-2	10:45		5.77		23.45	RW-1 Depth to Water in 4" casing = 5.26, Depth to water in 12" well = 5.22, Depth to Bottom from 12" well = 10.26, heavy sheen in well RW-1, skimmer in well, removed skimmer before gauging
MW-3	10:50		5.68		20.67	
MW-5	10:40		5.12		21.56	
RW-1	10:55		5.22		10.26	
RW-2	11:00		5.21		12.15	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/2/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	1750 Adams Avenue, San Leandro, CA
Well ID:	MW-2
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	23.45
Depth to Water:	5.77
Water Column Height:	17.68
Gallons/ft:	0.16
1 Casing Volume (gal):	2.83
3 Casing Volumes (gal):	8.49

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:
turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:55	2.8	17.7	7.63	625
12:00	5.7	18.0	7.67	610
12:05	8.5	17.8	7.60	610

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	3/2/2007	12:10	40 ml VOA, 1 L amber	HCl, ICE	TPHg TPHd 9 Oxy's	8015 with silica gel clean up, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/2/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	1750 Adams Avenue, San Leandro, CA
Well ID:	MW-3
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	20.67
Depth to Water:	5.68
Water Column Height:	14.99
Gallons/ft:	0.16
1 Casing Volume (gal):	2.40
3 Casing Volumes (gal):	7.20

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:25	2.4	18.5	7.58	631
12:30	4.8	19.1	7.55	618
12:35	7.2	19.3	7.51	643

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3	3/2/2007	12:40	40 ml VOA, 1 L amber	HCl, ICE	TPHg TPHd 9 Oxy's	8015 with silica gel clean up, 8021, 8260
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/2/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	1750 Adams Avenue, San Leandro, CA
Well ID:	MW-5
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	21.56
Depth to Water:	5.12
Water Column Height:	16.44
Gallons/ft:	0.16
1 Casing Volume (gal):	2.63
3 Casing Volumes (gal):	7.89

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:
turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:25	2.6	18.2	6.65	660
11:30	5.3	17.4	6.71	687
11:35	7.9	17.9	6.68	683

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-5	3/2/2007	11:40	40 ml VOA, 1 L amber	HCl, ICE	TPHg TPHd 9 Oxy's	8015 with silica gel clean up, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/2/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	1750 Adams Avenue, San Leandro, CA
Well ID:	RW-1
Well Diameter:	4"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	10.26
Depth to Water:	5.22
Water Column Height:	5.04
Gallons/ft:	0.65
1 Casing Volume (gal):	3.28
3 Casing Volumes (gal):	9.83

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:
turbid, heavy sheen

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:55	3.3	18.5	7.81	425
1:00	6.6	18.1	7.83	406
1:05	9.8	18.1	7.86	403

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
RW-1	3/2/2007	1:10	40 ml VOA, 1 L amber	HCl, ICE	TPHg TPHd 9 Oxy's	8015 with silica gel clean up, 8021, 8260
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/2/2007
Client:	Cambria Environmental Technology Inc.
Site Address:	1750 Adams Avenue, San Leandro, CA
Well ID:	RW-2
Well Diameter:	4"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	12.15
Depth to Water:	5.21
Water Column Height:	6.94
Gallons/ft:	0.65
1 Casing Volume (gal):	4.51
3 Casing Volumes (gal):	13.53

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:
turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
1:25	4.5	18.1	8.10	458
1:30	9.0	18.6	8.13	442
1:35	13.5	18.1	8.17	439

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
RW-2	3/2/2007	1:40	40 ml VOA, 1 L amber	HCl, ICE	TPHg TPHd 9 Oxy's	8015 with silica gel clean up, 8021, 8260
				Signature:		

ATTACHMENT F

Laboratory Analytical Report

McCampbell Analytical, Inc.
"When Quality Counts"

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

Cambria Env. Technology	Client Project ID: #631-1000	Date Sampled: 03/02/07
5900 Hollis St, Suite A		Date Received: 03/02/07
Emeryville, CA 94608	Client Contact: Brandon Wilken	Date Reported: 03/07/07
	Client P.O.:	Date Completed: 03/08/07

WorkOrder: 0703047

March 08, 2007

Dear Brandon:

Enclosed are:

1). the results of **5** analyzed samples from your **#631-1000 project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

Cambria Env. Technology	Client Project ID: #631-1000	Date Sampled: 03/02/07
		Date Received: 03/02/07
5900 Hollis St, Suite A	Client Contact: Brandon Wilken	Date Extracted: 03/03/07-03/05/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 03/03/07-03/05/07

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

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0703047

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	MW-2	W	ND	1	105
002A	MW-3	W	ND	1	105
003A	MW-5	W	ND	1	107
004A	RW-1	W	140,g	1	107
005A	RW-2	W	ND	1	110

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Cambria Env. Technology	Client Project ID: #631-1000	Date Sampled: 03/02/07
		Date Received: 03/02/07
5900 Hollis St, Suite A	Client Contact: Brandon Wilken	Date Extracted: 03/02/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed 03/03/07

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015C Work Order: 0703047

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703047-001A	MW-2	W	ND	ND	1	102
0703047-002A	MW-3	W	ND	ND	1	104
0703047-003A	MW-5	W	ND	ND	1	102
0703047-004A	RW-1	W	16,000,c	9300	1	102
0703047-005A	RW-2	W	5500,c	2500	1	101

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

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

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Cambria Env. Technology	Client Project ID: #631-1000	Date Sampled: 03/02/07
		Date Received: 03/02/07
5900 Hollis St, Suite A	Client Contact: Brandon Wilken	Date Extracted: 03/06/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/06/07

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703047

Lab ID	0703047-001B	0703047-002B	0703047-003B	0703047-004B	Reporting Limit for DF =1	
Client ID	MW-2	MW-3	MW-5	RW-1		
Matrix	W	W	W	W		
DF	1	1	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	NA	0.5
Benzene	ND	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	NA	0.5
Ethanol	ND	ND	ND	ND	NA	50
Ethylbenzene	ND	ND	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	NA	0.5
Toluene	ND	ND	ND	ND	NA	0.5
Xylenes	ND	ND	ND	ND	NA	0.5
Surrogate Recoveries (%)						
%SS1:	88	89	91	85		
%SS2:	108	105	104	107		
%SS3:	118	118	113	115		
Comments						

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Cambria Env. Technology	Client Project ID: #631-1000	Date Sampled: 03/02/07
		Date Received: 03/02/07
5900 Hollis St, Suite A	Client Contact: Brandon Wilken	Date Extracted: 03/06/07
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/06/07

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0703047

					Reporting Limit for DF =1	
Lab ID	0703047-005B					
Client ID	RW-2					
Matrix	W					
DF	1				S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND				NA	0.5
Benzene	ND				NA	0.5
t-Butyl alcohol (TBA)	ND				NA	5.0
1,2-Dibromoethane (EDB)	ND				NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND				NA	0.5
Diisopropyl ether (DIPE)	ND				NA	0.5
Ethanol	ND				NA	50
Ethylbenzene	ND				NA	0.5
Ethyl tert-butyl ether (ETBE)	ND				NA	0.5
Methyl-t-butyl ether (MTBE)	ND				NA	0.5
Toluene	ND				NA	0.5
Xylenes	ND				NA	0.5

Surrogate Recoveries (%)

%SS1:	87				
%SS2:	106				
%SS3:	117				
Comments					

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703047

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 26528** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	102	102	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	101	101	0	N/A	N/A	70 - 130	30

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

NONE

BATCH 26528 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703047-001A	03/02/07 12:10 PM	03/02/07	03/03/07 7:00 AM	0703047-002A	03/02/07 12:10 PM	03/02/07	03/03/07 8:09 AM
0703047-003A	03/02/07 11:40 AM	03/02/07	03/03/07 9:19 AM	0703047-004A	03/02/07 1:10 AM	03/02/07	03/03/07 10:29 AM
0703047-005A	03/02/07 1:40 AM	03/02/07	03/03/07 11:40 AM				

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

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

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

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

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

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0703047

EPA Method SW8015Cm	Extraction SW5030B				BatchID: 26544			Spiked Sample ID: 0703044-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	107	108	1.22	97.8	97.5	0.253	70 - 130	30	70 - 130	30
MTBE	ND	10	89.3	92.8	3.77	93.5	92.5	1.13	70 - 130	30	70 - 130	30
Benzene	ND	10	105	110	4.70	97.9	97.2	0.758	70 - 130	30	70 - 130	30
Toluene	ND	10	108	112	3.92	98.2	97.4	0.858	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	102	106	3.81	103	102	1.00	70 - 130	30	70 - 130	30
Xylenes	ND	30	113	120	5.71	117	117	0	70 - 130	30	70 - 130	30
%SS:	89	10	90	91	1.88	92	90	2.29	70 - 130	30	70 - 130	30

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

NONE

BATCH 26544 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703047-001A	03/02/07 12:10 PM	03/03/07	03/03/07 5:44 AM	0703047-002A	03/02/07 12:10 PM	03/03/07	03/03/07 6:13 AM
0703047-003A	03/02/07 11:40 AM	03/03/07	03/03/07 7:12 AM	0703047-004A	03/02/07 1:10 AM	03/03/07	03/03/07 7:42 AM
0703047-005A	03/02/07 1:40 AM	03/05/07	03/05/07 7:34 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0703047

EPA Method SW8260B	Extraction SW5030B				BatchID: 26553			Spiked Sample ID: 0703062-006B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	102	99.6	2.83	100	96.3	3.76	70 - 130	30	70 - 130	30
Benzene	ND	10	127	125	1.58	126	124	1.31	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	112	112	0	105	109	4.12	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	111	108	3.26	107	101	5.10	70 - 130	30	70 - 130	30
Ethanol	ND	500	106	108	2.18	105	101	3.26	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	104	102	2.74	102	96.7	4.91	70 - 130	30	70 - 130	30
Methanol	ND	2500	100	102	1.62	102	101	1.24	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	102	100	1.91	101	99.2	2.31	70 - 130	30	70 - 130	30
Toluene	ND	10	109	102	6.58	108	98.1	9.82	70 - 130	30	70 - 130	30
%SS1:	84	10	104	103	1.14	103	103	0	70 - 130	30	70 - 130	30
%SS2:	102	10	89	85	4.72	87	84	3.08	70 - 130	30	70 - 130	30
%SS3:	115	10	100	101	0.609	100	99	0.714	70 - 130	30	70 - 130	30

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

NONE

BATCH 26553 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703047-001B	03/02/07 12:10 PM	03/06/07	03/06/07 1:09 AM	0703047-002B	03/02/07 12:10 PM	03/06/07	03/06/07 1:54 AM
0703047-003B	03/02/07 11:40 AM	03/06/07	03/06/07 2:39 AM	0703047-004B	03/02/07 1:10 AM	03/06/07	03/06/07 3:24 AM
0703047-005B	03/02/07 1:40 AM	03/06/07	03/06/07 4:09 AM				

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

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

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

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

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

CETE 0703047

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Website: [illegible] Email: main@mccampbell.com
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

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

EDF Required? Yes / No

Report To: Brandon Lilkens Bill To: Cambria Environmental Technology
Company: Cambria Environmental Technology
5900 Hollis St, Ste A
Emeryville, CA 94608 E-Mail: blilken@cambria-env.com
Tele: 510-420-3355 Fax: (510) 420-9170
Project #: 631-1000 Project Name: Estes-GI Trucking Company
Project Location: 1750 Adams Avenue, San Leandro, CA
Sampler Signature: Muskan Environmental Sampling

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other
MW-2		3-2-07	12:10	4 2	voa	X					X	X		
MW-3			12:40											
MW-5			11:40											
RW-1			1:10											
RW-2			1:40	X										
TB		X		1	X	X					X	X		

Analysis Request

MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel (8015) with silica gel cleanup	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	Fuel Additives (MTBE, ETBE, TAME, DIPE, TBA, 1,2 - DCA, EDB, ethanol) by 8260B BTEX	TPHg by 8015 M	VOCs and fuel additives by 8260	TPHg (8015 / 8020)	Other	Comments
		X									X			X		Filter Samples for Metals analysis: Yes / No
		X									X			X		
																Hold

Relinquished By: Date: 3/2/07 Time: 3:00 Received By:
Relinquished By: Date: Time: Received By:

ICE/T° 10.8 ✓ GOOD CONDITION ✓ HEAD SPACE ABSENT DECHLORINATED IN LAB PRESERVATION ✓ VOAS O&G METALS OTHER APPROPRIATE CONTAINERS ✓ PRESERVED IN LAB

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703047 **ClientID: CETE**

☑ EDF ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Requested TAT: **5 days**

Report to:
Brandon Wilken
Cambria Env. Technology
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: bwilken@cambria-env.com
TEL: (510) 420-0700 FAX: (510) 420-9170
ProjectNo: #631-1000
PO:

Bill to:
Accounts Payable
Cambria Env. Technology
5900 Hollis St, Ste. A
Emeryville, CA 94608

Date Received: **03/02/2007**
Date Printed: **03/02/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0703047-001	MW-2	Water	3/2/07 12:10:00 PM	☐	A	B	A									
0703047-002	MW-3	Water	3/2/07 12:10:00 PM	☐	A	B										
0703047-003	MW-5	Water	3/2/07 11:40:00 AM	☐	A	B										
0703047-004	RW-1	Water	3/2/07 1:10:00 AM	☐	A	B										
0703047-005	RW-2	Water	3/2/07 1:40:00 AM	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	MBTEXOXY-8260B_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0703047-001A, 0703047-002A, 0703047-003A, 0703047-004A, 0703047-005A contain testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Sheli Cryderman

Comments:

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

ATTACHMENT G

Standard Operating Procedures

CAMBRIA

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

This document presents standard field methods for groundwater monitoring, purging and sampling, and well development. These procedures are designed to comply with Federal, State and local regulatory guidelines. Cambria's specific field procedures are summarized below.

Groundwater Monitoring

Prior to performing monitoring activities, the historical monitoring and analytical data of each monitoring well shall be reviewed to determine if any of the wells are likely to contain non-aqueous phase liquid (NAPL) and to determine the order in which the wells will be monitored (i.e. cleanest to dirtiest). Groundwater monitoring should not be performed when the potential exists for surface water to enter the well (i.e. flooding during a rainstorm).

Prior to monitoring, each well shall be opened and the well cap removed to allow water levels to stabilize and equilibrate. The condition of the well box and well cap shall be observed and recommended repairs noted. Any surface water that may have entered and flooded the well box should be evacuated prior to removing the well cap. In wells with no history of NAPL, the static water level and total well depth shall be measured to the nearest 0.01 foot with an electronic water level meter. Wells with the highest contaminant concentrations shall be monitored last. In wells with a history of NAPL, the NAPL level/thickness and static water level shall be measured to the nearest 0.01 foot using an electronic interface probe. The water level meter and/or interface probe shall be thoroughly cleaned and decontaminated at the beginning of the monitoring event and between each well. Monitoring equipment shall be washed using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water.

Groundwater Purging and Sampling

Prior to groundwater purging and sampling, the historical analytical data of each monitoring well shall be reviewed to determine the order in which the wells should be purged and sampled (i.e. cleanest to dirtiest). No purging or groundwater sampling shall be performed on wells with a measurable thickness of NAPL or floating NAPL globules. If a sheen is observed, the well should be purged and a groundwater sample collected only if no NAPL is present. Wells shall be purged either by hand using a disposal or PVC bailer or by using an aboveground pump (e.g. peristaltic or Wattera™) or down-hole pump (e.g. Grundfos™ or DC Purger pump).

Groundwater wells shall be purged approximately three to ten well-casing volumes (depending on the regulatory agency requirements) or until groundwater parameters of temperature, pH, and conductivity have stabilized to within 10% for three consecutive readings. Temperature, pH, and conductivity shall be measured and recorded at the start of purging, once per well casing volume removed, and at the completion of purging. The total volume of groundwater removed shall be recorded along with any other notable physical characteristic such as color and odor. If required, field parameters such as turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) shall be measured prior to collection of each groundwater sample.

Groundwater samples shall be collected after the well has been purged and allowed to recharge to 80% of the pre-purging static water level, or if the well is slow to recharge, after waiting a minimum of 2 hours. Groundwater samples shall be collected using clean disposable bailers or pumps (if an operating remediation system exists on site and the project manager approves of its use for sampling) and shall be decanted into clean containers supplied by the analytical laboratory. New latex gloves and disposable tubing or bailers shall be used for sampling each well. If a PVC bailer or down-hole pump is used for groundwater purging, it shall be decontaminated before purging each well by using soapy water consisting of Liqui-nox™ or

Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water. If a submersible pump with non-dedicated discharge tubing is used for groundwater purging, both the inside and outside of pump and discharge tubing shall be decontaminated as described above.

Sample Handling

Except for samples that will be tested in the field, or that require special handling or preservation, samples shall be stored in coolers chilled to 4° C for shipment to the analytical laboratory. Samples shall be labeled, placed in protective foam sleeves or bubble wrap as needed, stored on crushed ice at or below 4° C, and submitted under chain-of-custody (COC) to the laboratory. The laboratory shall be notified of the sample shipment schedule and arrival time. Samples shall be shipped to the laboratory within a time frame to allow for extraction and analysis to be performed within the standard sample holding times.

Sample labels shall be filled out using indelible ink and must contain the site name; field identification number; the date, time, and location of sample collection; notation of the type of sample; identification of preservatives used; remarks; and the signature of the sampler. Field identification must be sufficient to allow easy cross-reference with the field datasheet.

All samples submitted to the laboratory shall be accompanied by a COC record to ensure adequate documentation. One copy of the COC shall be kept in the QA/QC file and another copy shall be retained in the project file. Information on the COC shall consist of the project name and number; project location; sample numbers; sampler/recorder's signature; date and time of collection of each sample; sample type; analyses requested; name of person receiving the sample; and date of receipt of sample.

Laboratory-supplied trip blanks shall accompany the samples and be analyzed to check for cross-contamination, if requested by the project manager.

Well Development

Wells shall be developed using a combination of groundwater surging and extraction. A surge block shall be used to swab the well and agitate the groundwater in order to dislodge any fine sediment from the sand pack. After approximately ten minutes of swabbing the well, groundwater shall be extracted from the well using a bailer, pump and/or reverse air-lifting through a pipe to remove the sediments from the well. Alternating surging and extraction shall continue until the sediment volume in the groundwater (i.e. turbidity) is negligible, which typically requires extraction of approximately ten well-casing volumes of groundwater. Preliminary well development usually is performed during well installation prior to placing the sanitary surface seal to ensure sand pack stabilization. Well development that is performed after surface seal installation, should occur 72 hours after seal installation to ensure that the cement has had adequate time to set.

Waste Handling and Disposal

Groundwater extracted during development and sampling shall be stored onsite in sealed U.S. DOT H17 55-gallon drums. Each drum shall be labeled with the contents, date of generation, generator identification and consultant contact.