Mr. Paresh Khatri
Alameda County Environmental Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 6310 Houston Place, Dublin, California 94568
ACEHS Case No. RO0002862, GeoTracker ID T0600113164

Dear Mr. Khatri:

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

Sincerely,

Mr. Cary Grayson

August 29, 2008

GROUNDWATER MONITORING REPORT
3rd Quarter, 2008

6310 Houston Place
Dublin, California

AEI Project No. 261639
ACHCSA Fuel Leak Case RO0002862

Prepared For

Mr. Cary Greyson
G & G International Holding
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Prepared By

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August 29, 2008

Mr. Cary Greyson
G & G International Holding
PO Box 1435
Alamo, CA 94507

Subject: **3rd Quarter Groundwater Monitoring Report**
6310 Houston Place
Dublin, California
AEI Project No. 261639
ACHCS Fuel Leak Case RO0002862

Dear Mr. Greyson:

AEI Consultants (AEI) has prepared this report on your behalf to document the required ongoing groundwater investigation at the above referenced property (Figure 1: Site Location Map). The investigation was initiated by the Alameda County Health Care Services Agency (ACHCSA). The purpose of this procedure is to monitor groundwater quality in the vicinity of previous diesel underground storage tank (UST). This report presents the monitoring and sampling event performed during the 3rd Quarter 2008, which occurred on July 23, 2008.

I Background

The subject property is located in a commercial and light industrial area of Dublin, on the south side of Houston Place, just east of Dougherty Road. The subject property yard is currently vacant, although, the building is used for storage. Please refer to Figures 1 and 2 for the site location map and site plan details.

According to records on file with the Dublin Building Department (DBD), three USTs (one 12,000-gallon diesel USTs, one 7,500-gallon gasoline UST, and one 2,000-gallon gasoline UST) were installed on the subject property in 1968.

According to a case closure summary report prepared by the ACHCSA, a piping leak and a localized surface spill of used motor oil were discovered at the site prior to 1984. Following the release, 156 cubic yards of contaminated soil was removed from the site to the satisfaction of San Francisco Bay Regional Water Quality Control Board (SFRWQCB). On March 31, 1989, four USTs (one 500-gallon waste oil, two 12,000-gallon and one 8,000-gallon diesel tanks) were excavated, three of which were removed. One 12,000-gallon diesel UST was refinished

internally with "Glass Armor" coating and was reinstalled for continued use. Following removal of the three USTs, three groundwater monitoring wells (MW-1 through MW-3) were installed on August 9, 1989, and quarterly groundwater monitoring and sampling commenced. To further define the extent of the groundwater contamination plume, three additional wells (MW-4 through MW-6) were installed between May 1990 and March 1991. Based on the gradual decline of TPH-d and TOG in the groundwater, and the remaining low concentrations of these contaminants in groundwater and soil, the ACHCSA granted case closure in a letter dated February 28, 1995.

On October 27, 2004, the remaining 12,000-gallon diesel UST, fuel dispensers, and product piping were removed from the subject property by Golden Gate Tank Removal, Inc. (GGTR). Following excavation, GGTR collected a total of seven soil and two groundwater samples from the UST excavation bottom and sidewall, overburden stockpile, and areas in the vicinity of the fuel dispensers and product piping. TPH-d was detected at concentrations of 6 milligrams per kilogram (mg/kg) and 197 mg/kg in stockpile soil samples and at a concentration of 1 mg/kg in a soil sample obtained from the UST excavation sidewall. TPH-d was detected in the water sample collected from the UST pit at 300 micrograms per liter (µg/L) and at 23,800 µg/L in water that was present in the shallow excavation beneath the dispenser. The excavation was backfilled with the stockpiled soil and imported fill.

Upon reviewing the GGTR Tank Closure Report, the ACHCSA issued a letter dated April 12, 2005 requesting additional investigation concerning the release of petroleum hydrocarbons from the 12,000-gallon UST. On March 14, 2006, AEI advanced five (5) soil borings in the areas of the former 12,000-gallon diesel UST, the former dispenser island and products lines, and down-gradient from the former diesel UST. TPH-d was detected in the soil up to a concentration of 53 mg/kg. TPH-d and MTBE were detected in the groundwater samples up to concentrations of 580,000 µg/L and 2.6 µg/L, respectively. The findings of this investigation concluded that the release of TPH-d originated from the 12,000-gallon diesel UST, as the diesel release post-dates the previous releases at the property.

Upon reviewing the *Soil and Groundwater Investigation Report*, the ACHCSA issued a letter, dated July 31, 2006, requesting the installation of monitoring wells. A *Monitoring Well Installation Workplan* for five (5) wells, dated September 19, 2006, was approved by the ACHCSA in a letter dated October 3, 2006. A request for two (2) additional off-site wells was subsequently approved by the ACHCSA in November 2006.

On March 14 and 15, 2007, AEI advanced seven (7) soil borings and converted them to monitoring wells. The findings of the well installation determined that the release to groundwater is limited in extent, and confirmed that the dissolved phase plume is limited to diesel range hydrocarbons and that LNAPL may be present, although not likely in volumes that are measurable in the wells. No significant soil source was identified, based on the analyses of collected soil samples and field observations, which is consistent with a UST partially submerged in the water table. More information regarding the monitoring well installation can

be found in AEI's *Monitoring Well Installation Report*, dated June 19, 2007. Monitoring well construction details are presented in Table 1.

II Summary of Activities

AEI measured depth to groundwater in the seven wells labeled DW-1 through DW-7 on July 23, 2008. The depth from the top of the well casings was measured with an electric water level indicator prior to sampling. The field parameters measured were recorded on Groundwater Monitoring Well Field Sampling Forms. Copies of the forms for this event are presented in Appendix A.

AEI purged at least three (3) well volumes from each well. These wells were purged with a submersible pump. Temperature, dissolved oxygen, pH, specific conductivity, and oxidation-reduction potential (ORP) were measured during the purging of the wells. Following the recovery of groundwater levels to at least 90%, a groundwater sample was collected using clean, disposable bailers. The well locations are presented in Figure 2, Site Plan.

Groundwater samples were collected into 40 ml volatile organic analysis vials (VOAs) and one liter amber bottles supplied by the laboratory. The VOAs were filled and capped so that no head space or air bubbles were present. The samples were labeled, placed in a pre-chilled cooler, and transported that same day under proper chain of custody protocol to McCampbell Analytical, Inc of Pittsburg, CA. Laboratory results and chain of custody documents are included in Appendix B.

The seven (7) groundwater samples were submitted for chemical analyses for TPH (Total Petroleum Hydrocarbons) as diesel (TPH-d); Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA method 8015M; and MTBE by EPA method 8260.

III Field Results

Groundwater levels for the current monitoring episode ranged from 326.55 (DW-4) to 326.75 (DW-2 and DW-6 simultaneously) feet above Mean Sea Level (MSL) and decreased an average of 0.62 feet compared with the last monitoring event. The direction of groundwater flow at the time of measurement was towards the west/southwest, which is consistent with flow directions observed in previous monitoring events. The latest estimated groundwater hydraulic gradient was approximately 0.0019 feet/feet. Petroleum odors were observed in wells DW-1 to DW-3 and a sheen was reported by the laboratory in samples collected from DW-1, DW-2, and DW-3.

Groundwater elevation data is summarized in Table 2. The groundwater elevation contours and the groundwater flow direction are shown in Figure 3.

IV Groundwater Quality

TPH-d was detected in wells DW-1 through DW-3 and DW-5 at concentrations of 5,200 µg/L, 16,000 µg/L, 38,000 µg/L, and 340 µg/L, respectively. TPH-d was not detected exceeding laboratory reporting limits in wells DW-4, DW-6 and DW-7. MTBE was only detected in DW-4 at a concentration of 0.072 µg/L. BTEX was not detected in any of the wells sampled.

A summary of groundwater quality data is presented in Table 3. Groundwater quality data is presented in Figure 4. Laboratory results and chain of custody documents are included in Appendix B.

V Summary

Based on analytical data for this 3rd Quarter 2008 monitoring event, concentrations of diesel decreased from the previous monitoring episode. Concentrations of diesel in wells DW-1 and DW-5 decreased to their lowest concentrations since the commencement of monitoring. In addition, the diesel concentration in DW-4 decreased to non-detect levels for the first time. Concentrations of BTEX continue to not be detected above laboratory detection levels in all wells sampled, while MTBE continues to be detected in DW-4 at a minor concentration. Offsite wells DW-6 and DW-7 continue to exhibit no impact from the diesel release.

A *Corrective Action Pilot Test Workplan*, dated March 19, 2008, for the implementation of a chemical oxidation pilot test, is currently under review by the ACHSCA. According to the case manager recently assigned to the site, Paresh Khatri, the work plan will be reviewed within the coming weeks. In the meantime, the wells will continue to be sampled quarterly with the next quarterly event tentatively scheduled for late October of 2008.

VI Previous Documentation

ACHCSA, Letter, April 12, 2005

ACHCSA, Letter, January 20, 2006

ACHCSA, Letter, March 10, 2006

ACHCSA, Letter, July 31, 2006

ACHCSA, Letter, October 3, 2006

ACHCSA, Letter, November 14, 2006

AEI, *Work Plan – Soil and Groundwater Investigation*, 6310 Houston Place, Dublin, California, dated July 11, 2005.

AEI, *Soil and Groundwater Investigation Report*, 6310 Houston Place, Dublin, California, dated June 28, 2006.

AEI, *Monitoring Well Installation Workplan and Addendum*, 6310 Houston Place, Dublin, California, dated September 19, 2007 and November 2, 2007, respectively.

AEI, *Corrective Action Pilot Test Workplan*, 6310 Houston Place, Dublin, California, dated March 19, 2008.

Golden Gate Tank Removal, *Tank Closure Report*, 6310 Houston Place, Dublin, California, dated December 2, 2004.

USGS, *Quaternary Geology Of Contra Costa County, And Surrounding Parts Of Alameda, Marin, Sonoma, Solano, Sacramento, And San Joaquin Counties*, *California*, 1997, Prepared by E. J Helley, et al.

VII Report Limitation

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

If you have any questions regarding our investigation, please do not hesitate to contact Mr. Adrian Angel at (408) 559-7600.

Sincerely,
AEI Consultants

Russell Bartlett
Staff Scientist

Adrian M. Angel
Project Geologist

Peter J. McIntyre P.G., REA
Senior Project Manager

REGISTERED GEOLOGIST
PETER J. MCINTYRE
Exp. 5/31/10
No. 7702
STATE OF CALIFORNIA

Figures
Figure 1: Site Location Map
Figure 2: Site Plan
Figure 3: Groundwater Elevation – 7/23/08
Figure 4: Groundwater Sample Analytical Data – 7/23/08

Tables
Table 1: Monitoring Well Construction Details
Table 2: Groundwater Elevation Data
Table 3: Groundwater Sample Analytical Data

Appendices
Appendix A: Groundwater Monitoring Well Field Sampling Forms
Appendix B: Laboratory Analyses with Chain of Custody Documentation

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Electronic upload to FTP site

Geotracker (electronic upload)

USGS DUBLIN, CALIFORNIA
QUADRANGLE TOPOGRAPHIC MAP
Created 1979, Revised 1980

AEI CONSULTANTS
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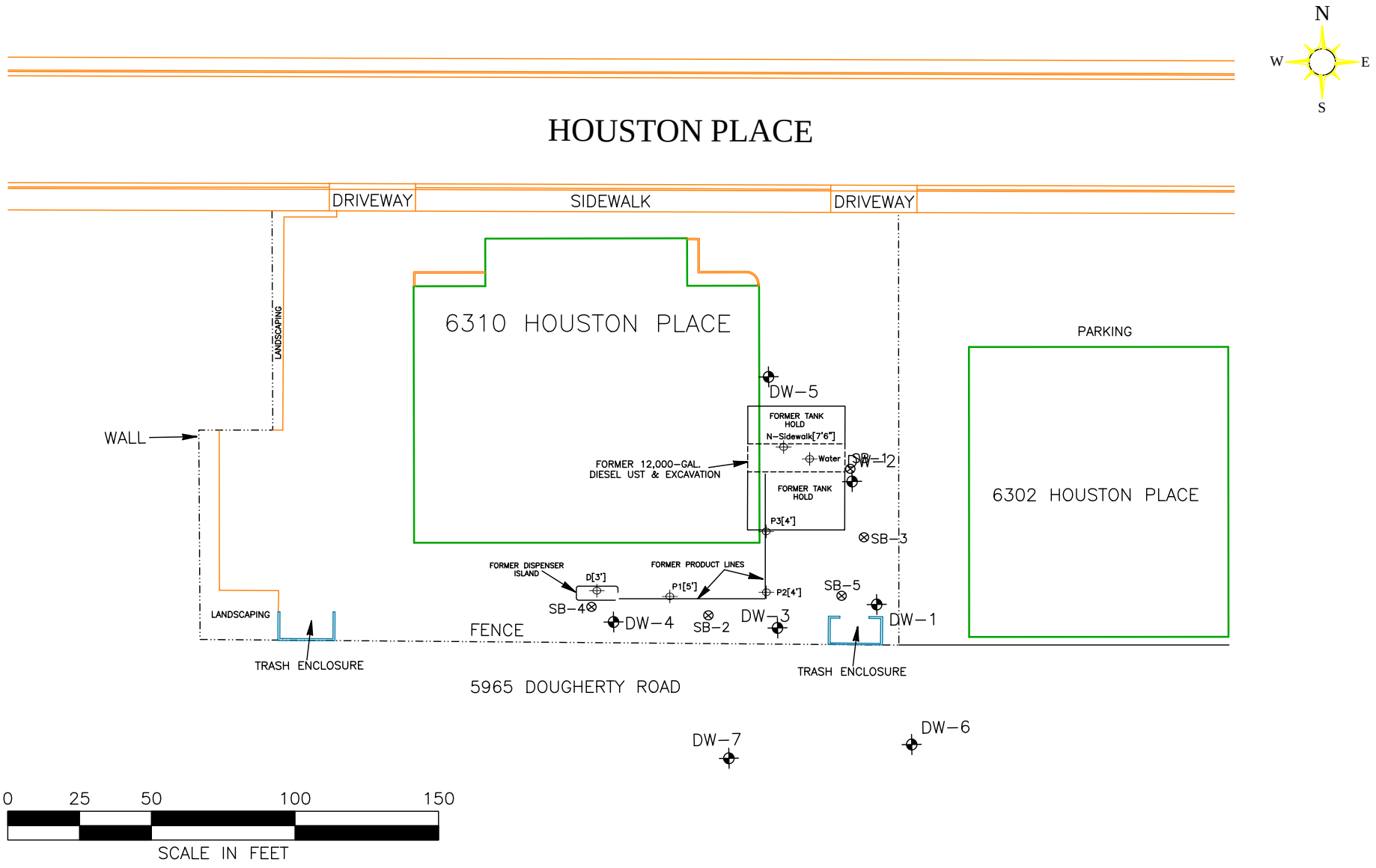
SITE LOCATION MAP

6310 HOUSTON PLACE
DUBLIN, CA 94568

FIGURE 1
PROJECT No. 261639



LEGEND

- GROUNDWATER MONITORING WELL
- BORING LOCATION (3/14/06)
- TANK REMOVAL SAMPLE LOCATION
- SUBJECT PROPERTY LINE
- EXCAVATION BOUNDARY (12,000-GAL. DIESEL UST)

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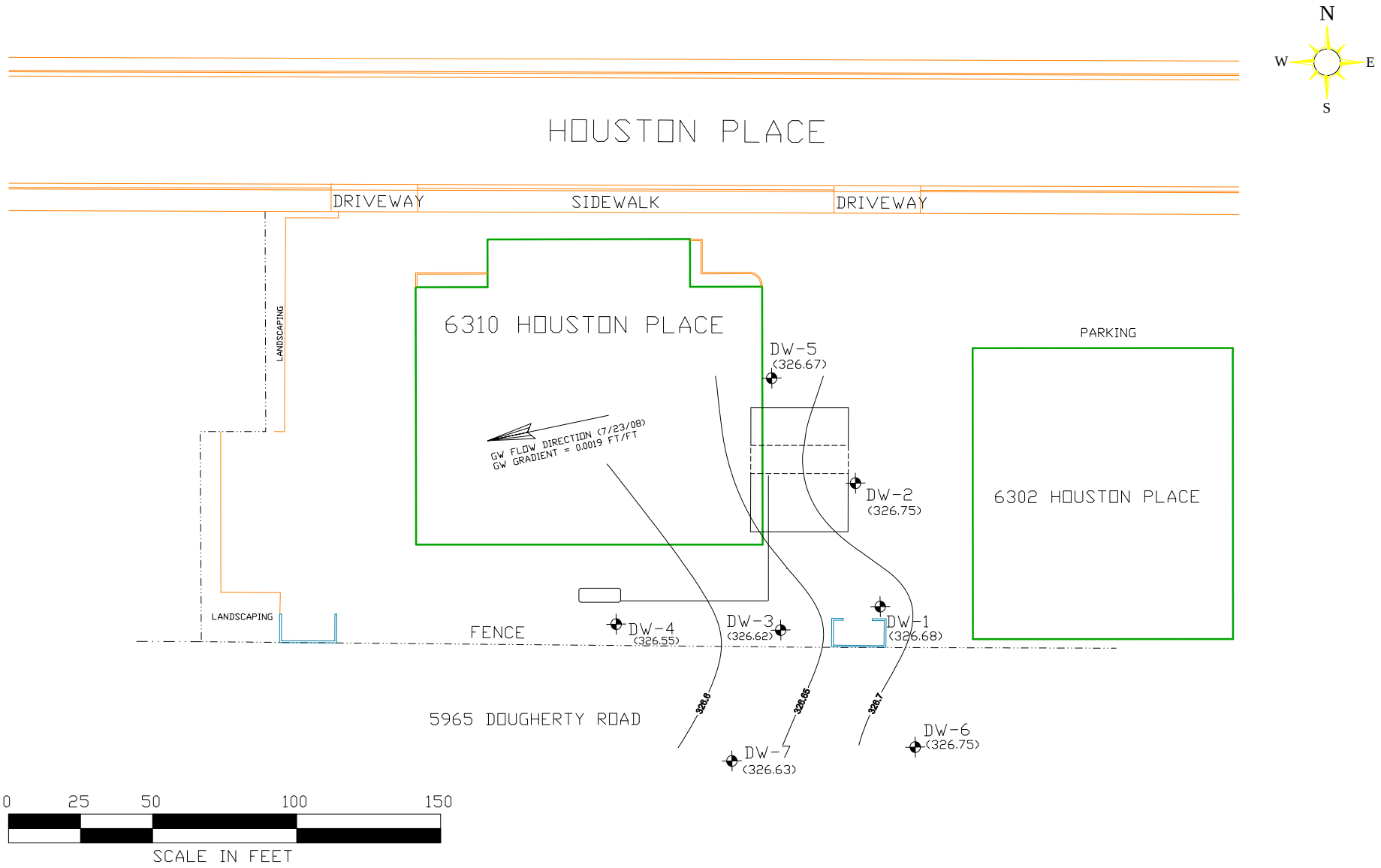
SITE PLAN

6310 HOUSTON PLACE
DUBLIN, CALIFORNIA

FIGURE 2
PROJECT NO. 261639



GROUNDWATER MONITORING WELL
EVENT PERFORMED 7/23/08

(326.66) = GROUNDWATER ELEVATION ABOVE MEAN SEA LEVEL

326.4 = CONTOUR ELEVATION

CONTOUR INTERVAL = 0.5 FT.

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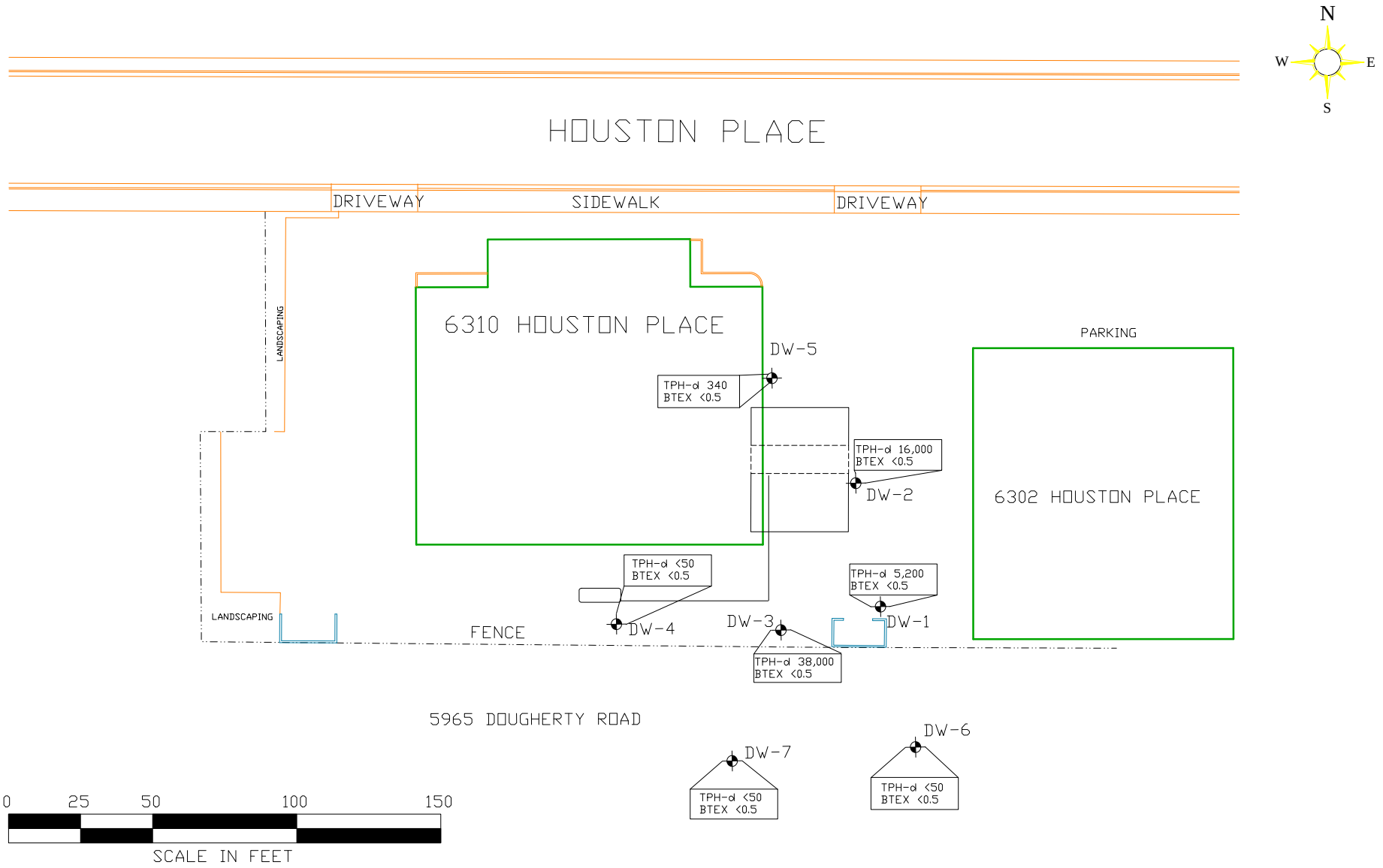
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ELEVATIONS (7/23/08)

6310 HOUSTON PLACE
DUBLIN, CALIFORNIA

FIGURE 3
PROJECT NO. 261639



GROUNDWATER MONITORING WELL

EVENT PERFORMED 7/23/08

TPH-D-TOTAL PETROLEUM HYDROCARBONS AS DIESEL
BTEX - BENZENE, TOLUENE, ETHYLBENZENE, TOTAL XYLENES
SAMPLE CONCENTRATIONS IN MICROGRAMS PER LITER (uG/L)

AEI CONSULTANTS

2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

GROUNDWATER ANALYTICAL DATA (7/23/08)

6310 HOUSTON PLACE
DUBLIN, CALIFORNIA

FIGURE 4
PROJECT NO. 261639

Table 1: 6310 Houston Place, Dublin CA
Monitoring Well Construction Details

Well ID	Date Drilled	Top of Casing Elevation (ft amsl)	Well Box Rim Elevation (ft amsl)	Well Depth (ft)	Slotted Casing (ft)	Slot Size (in)	Blank Casing (ft)	Sand Interval (ft)	Sand Size	Bentonite Interval (ft)	Grout Interval (ft)
DW-1	03/14/07	334.23	334.44	17.00	7-17	0.010	0.2-5	4-17	# 2/12	3-4	0.75-2
DW-2	03/14/07	334.00	334.48	17.00	7-17	0.010	0.5-5	4-17	# 2/12	3-4	0.75-2
DW-3	03/14/07	334.56	334.99	17.00	7-17	0.010	0.4-5	4-17	# 2/12	3-4	0.75-2
DW-4	03/14/07	334.49	334.95	17.00	7-17	0.010	0.5-5	4-17	# 2/12	3-4	0.75-2
DW-5	03/15/07	333.91	334.5	17.00	7-17	0.010	0.6-5	4-17	# 2/12	3-4	0.75-2
DW-6	03/15/07	334.99	335.44	17.00	7-17	0.010	0.5-5	4-17	# 2/12	3-4	0.75-2
DW-7	03/15/07	335.18	335.62	17.00	7-17	0.010	0.4-5	4-17	# 2/12	3-4	0.75-2

Notes:
ft amsl = feet above mean sea level

Table 2: 6310 Houston Place, Dublin, CA

Groundwater Elevation Data

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl)*
DW-1	4/10/2007	334.23	7.44	326.79
(7 - 17)	7/12/2007	334.23	7.72	326.51
	10/11/2007	334.23	7.88	326.35
	1/25/2008	334.23	6.16	328.07
	4/23/2008	334.23	6.96	327.27
	7/23/2008	**334.23**	**7.55**	**326.68**
DW-2	4/10/2007	334.00	7.09	326.91
(7 - 17)	7/12/2007	334.00	7.40	326.60
	10/11/2007	334.00	7.55	326.45
	1/25/2008	334.00	5.89	328.11
	4/23/2008	334.00	6.63	327.37
	7/23/2008	**334.00**	**7.25**	**326.75**
DW-3	4/10/2007	334.56	7.90	326.66
(7 - 17)	7/12/2007	334.56	8.19	326.37
	10/11/2007	334.56	8.29	326.27
	1/25/2008	334.56	6.63	327.93
	4/23/2008	334.56	7.38	327.18
	7/23/2008	**334.56**	**7.94**	**326.62**
DW-4	4/10/2007	334.49	7.99	326.50
(7 - 17)	7/12/2007	334.49	8.22	326.27
	10/11/2007	334.49	8.33	326.16
	1/25/2008	334.49	6.62	327.87
	4/25/2008	334.49	7.39	327.10
	7/23/2008	**334.49**	**7.94**	**326.55**
DW-5	4/10/2007	333.91	7.00	326.91
(7 - 17)	7/12/2007	333.91	7.36	326.55
	10/11/2007	333.91	7.52	326.39
	1/25/2008	333.91	5.93	327.98
	4/23/2008	333.91	6.52	327.39
	7/23/2008	**333.91**	**7.24**	**326.67**
DW-6	4/10/2007	334.99	8.62	326.37
(7 - 17)	7/12/2007	334.99	8.81	326.18
	10/11/2007	334.99	8.53	326.46
	1/25/2008	334.99	7.16	327.83
	4/23/2008	334.99	7.53	327.46
	7/23/2008	**334.99**	**8.24**	**326.75**
DW-7	4/10/2007	335.18	8.11	327.07
(7 - 17)	7/12/2007	335.18	8.34	326.84
	10/11/2007	335.18	8.96	326.22
	1/25/2008	335.18	6.75	328.43
	4/23/2008	335.18	7.95	327.23
	7/23/2008	**335.18**	**8.55**	**326.63**

Table 2: 6310 Houston Place, Dublin, CA

Groundwater Elevation Data

Event #	Date	Average Water Table Elevation (ft amsl)	Change from Previous Episode (ft)	Flow Direction (gradient) (ft/ft)
1	3/9/2006	326.74	NA	S-SW (0.005)
2	7/12/2006	326.41	-0.33	S-SW (0.0036)
3	10/11/2007	326.33	-0.08	SW (0.0028)
4	1/25/2008	328.03	1.70	SW (0.0011)
5	4/23/2008	327.29	-0.75	W-SW (0.0024)
6	**7/23/2008**	**326.66**	**-0.62**	**W-SW (0.0019)**

ft amsl = feet above mean sea level
All water level depths are measured from the top of casing

Table 3: 6310 Houston Place, Dublin, CA

Groundwater Sample Analytical Data - TPH, BTEX, Fuel Additives

Sample ID	Date	TPH-g µg/L	TPH-d µg/L	TPH-mo µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	MTBE µg/L	TAME µg/L	TBA µg/L	DIPE µg/L	ETBE µg/L	Ethanol µg/L	Methanol µg/L
DW-1	4/10/2007	100	8,000	2,800	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	<500
	7/12/2007	100	30,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	10/11/2007	<50	18,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	1/25/2008	-	13,000	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	15,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	7/23/2008	-	**5,200**	-	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	-	-	-	-	-	-
DW-2	4/10/2007	180	8,200	<5,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	<500
	7/12/2007	120	34,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	10/11/2007	<50	14,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	1/25/2008	-	17,000	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	27,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	7/23/2008	-	**16,000**	-	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	-	-	-	-	-	-
DW-3	4/10/2007	220	27,000	9,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	<500
	7/12/2007	2,200	210,000	-	<0.5	<1.7	<1.7	<1.7	<1.7	-	-	-	-	-	-
	10/11/2007	18,000	71,000	-	<25	<25	<25	<25	<0.5	-	-	-	-	-	-
	1/25/2008	-	66,000	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	58,000	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	7/23/2008	-	**38,000**	-	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	-	-	-	-	-	-
DW-4	4/10/2007	<50	65	<250	<0.5	<0.5	<0.5	<0.5	0.67	<0.5	<5.0	<0.5	<0.5	<50	<500
	7/12/2007	<50	300	-	<0.5	<0.5	<0.5	<0.5	0.87	-	-	-	-	-	-
	10/11/2007	<50	640	-	<0.5	<0.5	<0.5	<0.5	0.80	-	-	-	-	-	-
	1/25/2008	-	240	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	340	-	<0.5	<0.5	<0.5	<0.5	0.94	-	-	-	-	-	-
	7/23/2008	-	**<50**	-	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.94**	-	-	-	-	-	-
DW-5	4/10/2007	<50	800	320	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	<500
	7/12/2007	<50	990	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	10/11/2007	<50	880	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	1/25/2008	-	730	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	780	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	7/23/2008	-	**340**	-	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	-	-	-	-	-	-
DW-6	4/10/2007	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	0.81	<0.5	<50	<500
	7/12/2007	<50	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	10/11/2007	<50	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	1/25/2008	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	7/23/2008	-	**<50**	-	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	-	-	-	-	-	-

Continued

Table 3: 6310 Houston Place, Dublin, CA

Groundwater Sample Analytical Data - TPH, BTEX, Fuel Additives

Sample ID	Date	TPH-g µg/L	TPH-d µg/L	TPH-mo µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	MTBE µg/L	TAME µg/L	TBA µg/L	DIPE µg/L	ETBE µg/L	Ethanol µg/L	Methanol µg/L
DW-7	4/10/2007	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	<500
	7/12/2007	<50	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	10/11/2007	<50	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	1/25/2008	-	<50	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
	4/23/2008	-	<50	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
	7/23/2008	**-**	**<50**	**-**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**-**	**-**	**-**	**-**	**-**

Notes:

TPHmo = total petroleum hydrocarbons as motor oil (C18+) using EPA Method 8015
TPHd = total petroleum hydrocarbons as diesel (C10-C23) using EPA Method 8015
TPHg = total petroleum hydrocarbons as gasoline (C6-C12) using EPA Method 8015
Benzene, toluene, ethylbenzene, and xylenes using EPA Method 8021B
MTBE = methyl-tertiary butyl ether using EPA Method 8260B
TBA = tert-butyl alcohol using EPA Method 8260B
TAME = tert-amyl methyl ether using EPA Method 8260B
DIPE = diisopropyl ether using EPA Method 8260B
ETBE = ethyl tert-butyl ether using EPA Method 8260B
Methanol and Ethanol using EPA Method 8260B
SVOCs using EPA Method 8270C
µg/L= micrograms per liter
ND<50 = non detect at respective reporting limit

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-1

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	261639	Name of Sampler:	A. Nieto
Project Address:	6310 Houston Place, Dublin, CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	334.23		
Depth of Well	17.00		
Depth to Water (from top of casing)	7.55		
Water Elevation (feet above msl)	326.68		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**4.8**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially dark grey, clears quickly		
Free Product Present?	Yes	Thickness (ft):	Sheen

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liters

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	19.54	6.81	6884	1.41	-60.4	Light grey
	2	19.83	6.80	6913	1.17	-59.6	clear
	3	19.59	6.80	6913	1.17	-59.6	clear
	4	19.41	6.77	6873	0.75	-59.0	clear
	5	19.31	6.74	6865	0.71	-57.8	clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Moderate petroleum odors noted. Light sheen noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-2

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	261639	Name of Sampler:	A. Nieto
Project Address:	6310 Houston Place, Dublin CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	334.00		
Depth of Well	17.00		
Depth to Water (from top of casing)	7.25		
Water Elevation (feet above msl)	326.75		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**5.3**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially dark brown, clears after 1 gallon		
Free Product Present?	Yes	Thickness (ft):	Sheen

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liter

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	22.45	6.94	4006	0.73	-86.0	dark brown
	2	23.15	6.91	4032	0.65	-88.9	clear
	3	22.31	6.95	3845	0.63	-88.1	clear
	4	22.08	6.95	3756	0.63	-88.8	clear
	5	21.90	6.96	3626	0.63	-88.5	clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Strong petroluem odors noted. Light sheen noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-3

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	116075	Name of Sampler:	A. Nieto
Project Address:	6310 Houston Place, Dublin, CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	334.56		
Depth of Well	17.00		
Depth to Water (from top of casing)	7.94		
Water Elevation (feet above msl)	326.62		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**4.9**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Clear		
Free Product Present?	Yes	Thickness (ft):	Sheen

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liter

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	19.79	6.74	3787	1.33	-74.9	clear
	2	20.22	6.70	3877	0.95	-78.6	clear
	3	19.94	6.71	3893	0.75	-81.5	clear
	4	19.55	6.72	3902	0.67	-82.5	clear
	5	19.27	6.71	3950	0.65	-80.1	clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Moderate petroleum odors noted. Light sheen noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-4

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	261639	Name of Sampler:	A. Nieto
Project Address:	6310 Houston Place, Dublin CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	334.49		
Depth of Well	17.00		
Depth to Water (from top of casing)	7.94		
Water Elevation (feet above msl)	326.55		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**4.6**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially light gray, clears after 0.5 gallons		
Free Product Present?	NO	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liter

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	20.27	6.67	5039	1.65	5.9	clear
	2	20.78	6.72	4934	1.29	20.4	clear
	3	20.96	6.68	4974	0.89	28.2	clear
	4	20.59	6.64	4505	0.68	29.2	clear
	5	20.31	6.61	5032	0.63	29.3	clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

No petroluem odors noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-5

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	261639	Name of Sampler:	A. Nieto
Project Address:	6310 Houston Place, Dublin CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	333.91		
Depth of Well	17.00		
Depth to Water (from top of casing)	7.24		
Water Elevation (feet above msl)	326.67		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**5.3**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially light brown, clears quickly		
Free Product Present?	No	Thickness (ft):	No

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liter

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	20.63	6.97	6045	1.81	-22.2	clear
	2	21.39	6.96	6088	1.56	-14.6	clear
	3	21.47	6.92	6105	1.25	-13.2	clear
	4	21.07	6.84	6095	1.00	-16.2	clear
	5	20.80	6.86	6110	0.93	-17.8	clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Light sewer odors.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-6

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	261639	Name of Sampler:	A. Nieto
Project Address:	6310 Houston Place, Dublin CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	334.99		
Depth of Well	17.00		
Depth to Water (from top of casing)	8.24		
Water Elevation (feet above msl)	326.75		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**4.7**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially light brown, clears quickly		
Free Product Present?	No	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liter

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	19.05	6.86	6572	1.58	124.0	Clear
	2	19.47	6.83	6527	1.31	10.3	Clear
	3	19.47	6.83	6497	1.16	75.0	Clear
	4	19.28	6.83	6478	1.12	69.2	Clear
	5	19.08	6.84	6424	1.10	69.1	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

No petroleum odors noted.

AEI CONSULTANTS

GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: DW-7

Project Name:	G&G International Holding	Date of Sampling:	7/23/2008
Job Number:	261639	Name of Sampler:	A Nieto
Project Address:	6310 Houston Place, Dublin CA		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	335.18		
Depth of Well	17.00		
Depth to Water (from top of casing)	8.55		
Water Elevation (feet above msl)	326.63		
Well Volumes Purged	3		
Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	**4.9**		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially light brown, clears after 1 gallon		
Free Product Present?	No	Thickness (ft):	-

GROUNDWATER SAMPLES

Number of Samples/Container Size: 3 VOAs & 2 1-liter

Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	19.13	6.68	6433	2.15	174.9	Light brown
	2	19.40	6.69	6485	2.10	129.1	Clear
	3	19.32	6.71	6433	1.88	109.0	Clear
	4	19.08	6.66	6442	1.53	96.9	Clear
	5	19.03	6.72	6463	1.42	84.2	Clear

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

No petroleum odors noted.

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

AEI Consultants	Client Project ID: G & G; Dublin	Date Sampled: 07/23/08
2500 Camino Diablo, Ste. #200		Date Received: 07/23/08
Walnut Creek, CA 94597	Client Contact: Adrian Angel	Date Reported: 07/31/08
	Client P.O.:	Date Completed: 07/30/08

WorkOrder: 0807593

July 31, 2008

Dear Adrian:

Enclosed within are:

1) The results of the **7** analyzed samples from your project: **G & G; Dublin,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

080 7593

CHAIN OF CUSTODY RECORD

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

EDF Required? ☒ Yes ☐ No

Email PDF Report: YES

Report To: Adrian Angel	Bill To: Same
Company: AEI Consultants	
2500 Camino Diablo, Suite 200	
Walnut Creek, CA 94597	E-Mail: aangel@aeiconsultants.com
Tel: (925) 944-2899, extension 132	Fax: (925) 944-2895
Project #:	Project Name: 595
Project Location: Dublin	
Sampler Signature:	

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
DW-1		7/23/08	12:05	4	V/L	X					X	X		
DW-2			12:00			X					X	X		
DW-3			12:20			X					X	X		
DW-4			12:30			X					X	X		
DW-5			11:55			X					X	X		
DW-6			12:55			X					X	X		
DW-7			12:45			X					X	X		

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE		
TPH mutirange + Motor oil		
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
HVOCs EPA 8260 (8010 list)		
BTEX ONLY (EPA 602 / 8020)		
Pesticides EPA 608 / 8080		
PCBs EPA 608 / 8080		
VOCs EPA 624 / 8260		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		
RCI		
	TPH-diesal w/silica	*Silica Gel Cleanup on all TPH-d and TPH-mo!
	Btex (8021)	
	MTBE (8260)	

Relinquished By:	Date:	Time:	Received By:
	7/23/08	6:40	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.6°C
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB NA

PRESERVATION	VOAS	O&G	METALS	OTHER
	✓			

APPROPRIATE CONTAINERS ✓
PERSERVED IN LAB NO

* Off Hold per A.A. (Fax) 7/24/08

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0807593 **ClientCode: AEL**

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

Report to:
Adrian Angel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(408) 559-7600 FAX (408) 559-7601

Email: aangel@aeiconsultants.com
cc:
PO:
ProjectNo: G & G; Dublin

Bill to:
Denise Mockel
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
dmockel@aeiconsultants.com

Requested TAT: 5 days

Date Received: **07/23/2008**
Date Printed: **07/25/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0807593-001	DW-1	Water	7/23/2008 12:15	☐	B	C	A	A								
0807593-002	DW-2	Water	7/23/2008 12:00	☐	B	C		A								
0807593-003	DW-3	Water	7/23/2008 12:20	☐	B	C		A								
0807593-004	DW-4	Water	7/23/2008 12:30	☐	B	C		A								
0807593-005	DW-5	Water	7/23/2008 11:55	☐	B	C		A								
0807593-006	DW-6	Water	7/23/2008 12:55	☐	B	C		A								
0807593-007	DW-7	Water	7/23/2008 12:55	☐	B	C		A								

Test Legend:

1	G-MBTEX_W	2	MTBE_W	3	PREDF REPORT	4	TPH(D)WSG_W	5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

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

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

Sample Receipt Checklist

Client Name: **AEI Consultants**

Date and Time Received: **07/23/08 7:23:04 PM**

Project Name: **G S G; Dublin**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0807593** Matrix Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

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

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
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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

AEI Consultants	Client Project ID: G & G; Dublin	Date Sampled: 07/23/08
		Date Received: 07/23/08
2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted: 07/28/08-07/29/08
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/28/08-07/29/08

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0807593

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001B	DW-1	W	---	---	ND	ND	ND	ND	1	99
002B	DW-2	W	---	---	ND	ND	ND	ND	1	94
003B	DW-3	W	---	---	ND	ND	ND	ND	1	99
004B	DW-4	W	---	---	ND	ND	ND	ND	1	97
005B	DW-5	W	---	---	ND	ND	ND	ND	1	98
006B	DW-6	W	---	---	ND	ND	ND	ND	1	100
007B	DW-7	W	---	---	ND	ND	ND	ND	1	98

Reporting Limit for DF =1; ND means not detected at or	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* 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:

b6) lighter than water immiscible sheen/product is present
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: G & G; Dublin	Date Sampled: 07/23/08
		Date Received: 07/23/08
2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted: 07/28/08-07/29/08
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/28/08-07/29/08

Methyl tert-Butyl Ether*

Extraction method SW5030B Analytical methods SW8260B Work Order: 0807593

Lab ID	Client ID	Matrix	Methyl-t-butyl ether (MTBE)	DF	% SS
001C	DW-1	W	ND,b6	1	100
002C	DW-2	W	ND,b6	1	96
003C	DW-3	W	ND,b6	1	94
004C	DW-4	W	0.72	1	97
005C	DW-5	W	ND	1	93
006C	DW-6	W	ND	1	92
007C	DW-7	W	ND	1	92

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	0.5	µg/L
	S	NA	NA

* 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 surrogate coelutes with another peak.

b6) lighter than water immiscible sheen/product is present

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: G & G; Dublin	Date Sampled: 07/23/08
		Date Received: 07/23/08
2500 Camino Diablo, Ste. #200	Client Contact: Adrian Angel	Date Extracted: 07/24/08
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/25/08-07/29/08

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method SW3510C/3630C Analytical methods: SW8015C Work Order: 0807593

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0807593-001A	DW-1	W	5200,e3,b6	1	117
0807593-002A	DW-2	W	16,000,e3,b6	1	117
0807593-003A	DW-3	W	38,000,e3,b6	5	108
0807593-004A	DW-4	W	ND	1	94
0807593-005A	DW-5	W	340,e3	1	118
0807593-006A	DW-6	W	ND	1	119
0807593-007A	DW-7	W	ND	1	119

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

* 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/matrix interference.

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

b6) lighter than water immiscible sheen/product is present
e3) aged diesel is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37182 WorkOrder 0807593

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0807590-011**

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	96	98.4	2.48	93.4	91.8	1.70	70 - 130	20	70 - 130	20
MTBE	ND	10	100	114	12.7	106	103	2.69	70 - 130	20	70 - 130	20
Benzene	ND	10	102	96.1	6.36	104	97.3	6.73	70 - 130	20	70 - 130	20
Toluene	ND	10	113	106	6.65	103	96.7	6.13	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	110	103	6.34	107	101	6.44	70 - 130	20	70 - 130	20
Xylenes	ND	30	121	114	6.14	115	111	3.95	70 - 130	20	70 - 130	20
%SS:	108	10	100	93	7.86	105	100	4.69	70 - 130	20	70 - 130	20

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

BATCH 37182 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807593-001B	07/23/08 12:15 PM	07/29/08	07/29/08 5:10 AM	0807593-002B	07/23/08 12:00 PM	07/29/08	07/29/08 7:41 PM
0807593-003B	07/23/08 12:20 PM	07/28/08	07/28/08 8:36 PM	0807593-004B	07/23/08 12:30 PM	07/28/08	07/28/08 5:34 PM
0807593-005B	07/23/08 11:55 AM	07/28/08	07/28/08 7:06 PM	0807593-006B	07/23/08 12:55 PM	07/28/08	07/28/08 7:36 PM
0807593-007B	07/23/08 12:55 PM	07/28/08	07/28/08 8:06 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37184 WorkOrder 0807593

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

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	101	103	1.84	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	119	120	0.817	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 37184 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807593-001A	07/23/08 12:15 PM	07/24/08	07/25/08 6:23 PM	0807593-002A	07/23/08 12:00 PM	07/24/08	07/25/08 7:32 PM
0807593-003A	07/23/08 12:20 PM	07/24/08	07/28/08 7:09 PM	0807593-004A	07/23/08 12:30 PM	07/24/08	07/29/08 4:14 AM
0807593-005A	07/23/08 11:55 AM	07/24/08	07/25/08 9:48 PM	0807593-006A	07/23/08 12:55 PM	07/24/08	07/25/08 10:57 PM
0807593-007A	07/23/08 12:55 PM	07/24/08	07/26/08 1:14 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 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37185 WorkOrder: 0807593

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0807593-001C**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Methyl-t-butyl ether (MTBE)	ND	10	104	110	5.44	102	104	2.16	70 - 130	30	70 - 130	30
%SS1:	100	25	94	96	2.10	95	95	0	70 - 130	30	70 - 130	30

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

BATCH 37185 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807593-001C	07/23/08 12:15 PM	07/28/08	07/28/08 10:38 PM	0807593-002C	07/23/08 12:00 PM	07/28/08	07/28/08 11:18 PM
0807593-003C	07/23/08 12:20 PM	07/28/08	07/28/08 11:58 PM	0807593-004C	07/23/08 12:30 PM	07/29/08	07/29/08 1:53 PM
0807593-005C	07/23/08 11:55 AM	07/29/08	07/29/08 1:16 AM	0807593-006C	07/23/08 12:55 PM	07/29/08	07/29/08 1:54 AM
0807593-007C	07/23/08 12:55 PM	07/29/08	07/29/08 2:34 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.

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