OTG EnviroEngineering Solutions, Inc.

July 23, 2007

Mr. Jesse Kupers
Hazardous Materials Inspector II
City of Oakland Fire Department -
Fire Prevention Bureau
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, CA 94612 - 2032

Subject: Results of Soil and Groundwater Investigation at 5901 MacArthur Blvd., Oakland, California

Dear Mr. Kupers:

On behalf of the property owner - Mr. Jeffrey Huynh, OTG EnviroEngineering Solutions, Inc. (OTG) is pleased to submit this report documenting soil and groundwater investigation results for the site located at 5901 MacArthur Blvd, Oakland, California (Figure 1). The work was performed in accordance with the *Work Plan for Soil and Groundwater Investigation at 5901 MacArthur Blvd, Oakland, CA* (OTG, May 5, 2007), with some exceptions as discussed below. The Work Plan was approved by the City of Oakland Fire Department – Fire Prevention Bureau in a telephone message to OTG on May 29, 2007. Field sampling was conducted on June 20, 2007.

BACKGROUND

The site was formerly Regal Service Station #404. Fueling services ceased operation in May 1983. All buildings, underground storage tanks (USTs) and associated piping, and pavement have been removed. The site is currently vacant.

According to the *Remedial Action Completion Certification* issued on 29 August 1997 by the Alameda County Health Care Services Agency Environmental Health Services (ACEHS), the following four USTs once existed on the property (Figure 2):

Tank No:	Size (gallons)	Content	Date Removed
1	10,000	Regular gasoline	5/18/87
2	8,000	Unleaded gasoline	5/18/87
3	6,000	Premium gasoline	5/18/87
4	550	waste oil	2/24/93

Six (6) soil samples were collected beneath the gasoline USTs and one soil sample was collected beneath the waste oil tank at the time of their removal. Sample locations are shown on Figure 2. Analytical results are summarized in Table 1. TPH gas was reported up to 310 mg/kg and benzene up to 6.4 mg/kg in the gas tank excavation pit. The soil sample collected within the waste oil tank excavation pit was analyzed for TPH gas, kerosene, diesel by modified EPA Method 8015; BTEX by EPA Method 8020; oil & grease by SM 5520; volatile organic compounds (VOCs) by EPA Method 8240; semi-VOCS (SVOCs) by EPA Method 8270; LUFT five metals by EPA 7000-Series Methods. Except toluene which was reported at 0.012 mg/kg, no other individual VOCs and SVOCs were detected at or above their respective reporting limits. TPH diesel was reported at 17 mg/kg, TPH kerosene at 4 mg/kg, and TPH gas at below reporting limit (<1.0 mg/kg).

Four groundwater monitoring wells once existed on the property. Details are summarized below.

Well ID	Total Depth (feet)	Well Dia (inches)	Screen Levels (feet, bgs)	Water Levels (feet, bgs)	Date of Installation	Date of Destruction
MW-1	25	4	9 – 24	13.2 – 14.5	10/27/93	11/11/97
MW-2	20	4	10 - 20	13.8 – 14.4	10/4/95	11/11/97
MW-3	20	4	10 – 20	13.4 – 14.6	10/4/95	11/11/97
MW-4	20	2	10 - 20	12.1 – 19.0	10/4/95	11/11/97

bgs – below ground surface.

Soil samples were collected at various depths at the time of well installation and were analyzed for TPH gas, diesel and BTEX. Results are summarized in Table 1. Except the soil sample collected at 10 feet bgs from MW-4, which had TPH gas at 5,100 mg/kg and TPH diesel at 840 mg/kg, all other soil samples had either no detection or minor detections of TPH gas (<30 mg/kg), TPH diesel (≤100 mg/kg), and benzene (<0.1 mg/kg).

Groundwater samples were collected from the four wells periodically for TPH gas, diesel, and BTEX analysis and results are summarized in Table 2. The last round of groundwater samples were collected on September 4, 1996 (before well closure) and the highest reported TPH gas concentration was 1,100 ug/L from MW-1, the highest TPH diesel was 150 ug/L from MW-2, and the highest benzene was 51 ug/L from MW-1. The concentration should be even lower by now after more than 10 years of natural attenuation.

At the time of the waste oil tank removal on February 24, 1993, approximately 54 cubic yards of contaminated soil was removed and stockpiled on site. The soil was transported to B&J landfill in Vacaville, CA on November 19, 1997 for disposal. No other active soil and/or groundwater remediation has been reported.

INVESTIGATION PROGRAM

Five temporary borings (TB) were drilled on June 20, 2007. Their locations are shown on Figure 2. TB-1 is located near the former monitoring well MW-4, where relatively high TPH gas (5,100 mg/kg) was reported at the 10'-bgs soil sample on October 4, 1995. TB-2 is located in the former station building to assess potential impact from shop activities. TB-3 is located immediately downgradient of the former waste oil tank. TB-4 is located near the former monitoring well MW-1, where groundwater concentration of TPH gas was the highest among the four wells. TB-1 through TB-4 are the same as proposed in the approved Work Plan (OTG, May 5, 2007). An additional borehole (TB-5) was added in an attempt to locate groundwater. The boreholes were drilled following the procedures contained in the approved Work Plan and are summarized below:

- Pre-drilling details included: developing a site health and safety plan; obtaining soil boring permits from Alameda County Public Works Agency Water Resources Section; and underground utility clearance (contacting Underground Services Alert [USA], and contracting to an independent utility locator to clear proposed locations).
- The soil borings were drilled with a Geoprobe 6600, a direct-push rig, from which continuous cores of soil columns were collected and logged by an onsite civil engineer.
- The plan was to drill four soil borings to 20 feet below ground surface (bgs). Water levels measured from the once existed four on-site monitoring wells varied between 12 and 19 feet bgs. However, TB-1 was dry at 20 feet bgs. TB-2 and TB-3 were extended to 24 feet bgs and were again dry. TB-4 was drilled to 20 feet bgs and groundwater first appeared at 15 feet bgs. A groundwater sample was obtained from TB-4. In an attempt to collect a second groundwater sample, a fifth borehole, TB-5, was drilled to 20 feet bgs near the property northern boundary (as shown on Figure 2) and it was again a dry hole. Soil samples in 6-inch long sections of the liner from selected depths were cut, both ends sealed with Teflon sheeting and plastic caps, labeled and individually placed in Ziploc plastic bags and then in an iced cooler. Sampling depths are summarized in Table 3. Gravel fill (construction aggregate base) covers the site surface and varies in thickness of one to two feet. The first soil sample was collected right beneath the gravel fill at each boring location.
- A temporary screened well casing (1"-diameter, Schedule 40 PVC) was inserted into Borehole TB-4, within which a grab groundwater sample was collected using a new and disposable bailer.
- The grab groundwater sample and the soil samples were submitted to Torrent Laboratory of Milpitas, CA, a State of California certified environmental analytical laboratory, under chain-of-custody protocol for chemical analyses. Results are summarized in Table 3. Laboratory reports are included in Appendix B.

- After the completion of grab groundwater collection, all boreholes were backfilled with neat cement/bentonite grout from total depth to land surface following the County borehole sealing requirements. The County inspector, Ms. Vicky Hamlin, was on site overseeing borehole grouting operations.
- Soil cuttings and decontamination water were stored in a central on-site location in properly labeled DOT approved 55-gallon drums awaiting final disposal option selection.

RESULTS OF INVESTIGATION

Soil

Soil samples were collected from five boreholes versus four boreholes as specified in the approved Work Plan (OTG, May 5, 2007). Table 3 presents the soil analytical data as well as Environmental Screening Levels (ESLs) from the San Francisco Bay Regional Water Quality Control Board (RWQCB) and residential Preliminary Remediation Goals (PRGs) from the US EPA Region 9. Both the residential ESLs and the commercial ESLs are separated into two categories: shallow soil ESLs (≤ 10 feet below ground surface, bgs) and deep soil ESLs (> 10 feet bgs), whereas PRGs do not differentiate between shallow soil and deep soil. PRGs were developed based on human health risks only and ESLs also considered other factors, such as groundwater protection, aquatic life protection, taste and odor.

Petroleum Hydrocarbons Concentrations of individual chemicals (benzene, toluene, ethylbenzene, xylenes [BTEX] and MTBE), TPH diesel and TPH motor oil from both shallow soil and deep soil samples were below their respective residential ESLs and residential PRGs. TPH gas concentrations were also below the shallow soil residential ESL (100 mg/kg) or the deep soil residential ESL (400 mg/kg), except the deep soil sample collected at 15 feet bgs from the borehole TB-4, which had a reported TPH gas concentration of 2,890 mg/kg. It appears that TPH gas impact is limited to the area surrounding TB-4 and at the depth around 15 feet. A soil sample collected from the same borehole at 10 feet bgs had TPH gas below the detection limit of 0.1 mg/kg. The average TPH gas concentration for deep soil across the site was 367 mg/kg, which is still below its residential ESL of 400 mg/kg.

LUFT Metals Cadmium was not detected at or above the reporting limit of 1.0 mg/kg from all shallow and deep soil samples. Lead and zinc concentrations from both shallow and deep soil samples were below their respective residential ESLs and PRGs. Although several soil samples had chromium and/or nickel concentrations exceeded their respective residential ESLs, they were all below their respective residential PRGs. The shallow soil had an average nickel concentration of 98 mg/kg versus its residential ESL of 150 mg/kg, and the average deep soil nickel concentration was 198 mg/kg versus its residential ESL of 1,000 mg/kg. The average

shallow soil chromium concentration was 53 mg/kg versus its residential ESL of 58 mg/kg, and the average deep soil chromium concentration was 102 mg/kg versus its residential ESL of 58 mg/kg and its residential PRG of 210 mg/kg. The distribution of the chromium across the site suggests it is a natural component of the soil and not related to past operations at the site.

Groundwater

Groundwater was observed only at the location of TB-4 from 15 feet bgs and not at the other four locations up to 24 feet bgs. The groundwater encountered at 15 feet bgs is likely perched in a limited area and not continuous. This observation is significantly different from the measured groundwater levels of between 12 feet and 19 feet bgs when the four monitoring wells existed on site from October 1993 through November 1997. The City of Oakland has done major flood control work after 1998 in the area, which may have substantially altered the area hydrogeology.

Petroleum Hydrocarbons Concentrations of individual chemicals (BTEX and MTBE) and TPH motor oil were below their respective residential ESLs. TPH gas (1,620 ug/L) and diesel (1,000 mg/L) concentrations exceeded their respective residential ESLs.

LUFT Metals Cadmium, chromium, lead, and nickel were not detected at or above their respective detection limits. Zinc was reported at 15 ug/L, which has a residential ESL of 81 ug/L.

DISCUSSIONS

Historic soil and groundwater results are summarized in Tables 1 and 2, respectively. At the time of MW-4 installation on October 4, 1995, the soil sample from 10 feet bgs had a reported TPH gas concentration of 5,100 mg/kg and TPH diesel of 840 mg/kg. Borehole TB-1 was drilled near MW-4 and its soil sample at 10 feet bgs had a TPH gas of 26.6 mg/kg and a TPH diesel of 2.1 mg/kg. Both TPH gas and diesel appeared to have attenuated to less than 1% from October 1995 to June 2007.

Benzene is a known carcinogen (cancer causing chemical). For many UST sites, benzene is typically the risk driver for remediation and redevelopment. The benzene level at this site has attenuated to ND (not detected at or above the detection limit) for all soil samples (both shallow and deep) and to only 2.3 ug/L for the groundwater sample, which is significantly lower than the benzene residential ESL of 46 ug/L for non-drinking water source. The average concentration of TPH gas, diesel, motor oil, BTEX and MTBE across the site from both shallow and deep soil samples is lower than their respective residential ESLs.

Soil samples collected from 10, 15, and 20 feet bgs of MW-1 at the time of its installation (October 27, 1993) had very low levels of TPH gas (less than 30 mg/kg). The last round of groundwater sample collected from MW-1 on September 4, 1996 had TPH gas at 1,100 ug/L

and TPH diesel less than 50 ug/L. MW-1 had the highest TPH gas concentration among the four former wells. Borehole TB-4 was drilled next to the former well MW-1. The grab groundwater sample collected from TB-4 this time had TPH gas at 1,620 ug/L and TPH diesel at 1,000 ug/L, both of which were higher than those measured in MW-1 in September 1996. The gas and diesel USTs at the site were removed in 1987 and there were no on-site sources that could have caused such an increase in TPH gas and diesel concentrations from 1996 to 2007. An active gas station is located across MacArthur Blvd from the site in a directly upgradient location, as shown on Figure 3. Several groundwater monitoring wells were observed on and off the active gas station site. The detected TPH gas and diesel in TB-4 may have been migrated through groundwater from the upgradient active gas station site.

As stated in the RWQCB's ESL Document (Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, February 2005), "the use of ESLs as final "cleanup levels" for petroleum-related compounds that are known to be highly biodegradable may be unnecessarily conservative (Page 5-1, Volume 2)." In addition, the ESLs for TPH gas (500 ug/L) and diesel (640 ug/L) were developed for freshwater aquatic life protection and they were not human health risk based (Page 5-3, Volume 2). For human health concerns, the ESL document listed 5,000 ug/L for TPH gas and 2,500 ug/L for TPH diesel based on nuisance and odor criteria for nondrinking water (Page 3 of Table I-2, Volume 2). The reported TPH gas and diesel concentrations in TB-4 were significantly lower than the human health based criteria. As such, the residual TPH gas and diesel left in place should not pose an unacceptable human health risk to the proposed residential and commercial redevelopment of the site. Natural attenuation should be able to reduce the TPH gas and diesel concentration to below the level for freshwater aquatic life protection before the impacted groundwater reaches surface water.

None of the soil samples had concentrations of any of the five LUFT metals exceeded their respective residential PRGs, which is strictly human health based. Except the deep soil (> 10 feet bgs) chromium, the average concentration of any of the other four metals (Cd, Pb, Ni, and Zn) in both shallow soil and deep soil was also below their respective residential ESLs. The average chromium concentration in deep soil was 102 mg/kg, which was above its residential ESL (58 mg/kg), but was less than half of its residential PRG (210 mg/kg). Since the deep soil is at least 10 feet bgs or deeper, residents will not be exposed to the deep soil for the proposed development. In addition, the nature of chromium distribution across the site suggests it is a natural component of the soil and is not related to past operations at the site.

Overall, the detected levels of petroleum hydrocarbons and metals at the site do not appear to pose an unacceptable level of human health risk for the proposed development. The development plan is for a multi-story building with commercial and parking on the ground floor and residential units on the second and the third levels.

Please feel free to contact the undersigned at (510) 465-8982 for questions or comments.

Sincerely,
OTG EnviroEngineering Solutions, Inc.

Xinggang Tong, PhD, PE
Project Manager

cc: Mr. Jeffrey Huynh, property owner

Attachment:

Table 1 – Summary of Historic Soil Data
Table 2 – Summary of Historic Groundwater Data
Table 3 – Summary of June 20, 2007 Soil and Groundwater Investigation Results
Figure 1 – Site Vicinity Map
Figure 2 – Site Plan & Sampling Locations
Figure 3 – Site Vicinity Aerial Map

Appendix A – Boring Logs (June 20, 2007)
Appendix B – Laboratory Analysis Report for June 20, 2007 Samples

References

Work Plan for Soil and Groundwater Investigation at 5901 MacArthur Blvd, Oakland, CA, by OTG Enviroengineering Solutions, Inc., May 5, 2007

Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Volumes 1 & 2, by California Regional Water Quality Control Board – San Francisco Bay Region, February 2005

Site Restoration of former Regal Station R404, 5901 MacArthur Blvd, Oakland, CA 94605, by Western Geo-Engineers, January 9, 1998.

Remediation Action Completion Certification, Former Regal Station #404, 5901 MacArthur Blvd., by Alameda County Health Care Services Agency Environmental Health Services, August 29, 1997.

Closure of Remediation at the Former Regal Station #404, 5901 MacArther Blvd., Oakland, CA, by Blakely Environmental Investigations, Inc., June 2, 1997

Request for Closure of Remediation at the Former Regal Station #404, by Blakely Environmental Investigations, Inc., June 2, 1997

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd, Oakland, CA, letter by Alameda County Health Care Services Agency, April 22, 1997

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, February 11, 1997

Request for Closure for Wickland Properties, 5901 MacArther Blvd., Oakland, CA, Blakely Environmental Invesitgations, Inc., January 4, 1997.

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, October 22, 1996

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, September 25, 1996

Quarterly Groundwater Monitoring Report, 2nd Quarter 1996, by Western Geo-Engineers, September 19, 1996

Quarterly Groundwater Monitoring Report, 1st Quarter 1996, by Western Geo-Engineers, August 15, 1996

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, June 18, 1996
Work Plan for Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, June 26, 1996

Preliminary Investigation and Evaluation Report, Former Regal Station #404, 5901 MacArthur Blvd, Oakland, CA, by Western Geo-Engineers, January 29, 1996

Quarterly Groundwater Monitoring Report, 2nd Quarter 1995, by Western Geo-Engineers, July 17, 1995

Quarterly Groundwater Monitoring Report, 1st Quarter 1995, by Western Geo-Engineers, March 28, 1995

Quarterly Groundwater Monitoring Report, 4th Quarter 1994, by Western Geo-Engineers, February 2, 1995

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, September 6, 1994

Required Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, July 20, 1994

Quarterly Groundwater Monitoring Report, 3rd Quarter 1994, by Western Geo-Engineers, September 19, 1994

Quarterly Groundwater Monitoring Report, 2nd Quarter 1994, by Western Geo-Engineers, July 15, 1994

Soil Probe Survey (SPS) and sample borings at former Regal Station #404, 5901 MacArthur Blvd, Oakland, CA, Site Code 3534, by Western Geo-Engineers, March 17, 1994

Investigations at Former Regal Station #404, located at 5901 MacArthur Blvd., Oakland, CA, letter by Alameda County Health Care Services Agency, February 28, 1994

Preliminary Site Assessment, Former Regal Station #404, by Western Geo-Engineers, December 2, 1993

Waste Oil Tank Excavation Sample Report for former Regal Station #404, by Western Geo-Engineers, April 7, 1993.

STID 3534, Former Regal Station #404, 5901 MacArthur Blvd., Oakland, by Blakely Environmental Investigations, Inc., time?

Table 1 - Summary of Historic Soil Data
5901 MacArthur Blvd, Oakland, CA

Sample ID	Date of Sampling	Depth (ft, bgs)	TPH gas (mg/kg)	TPH kerosi	TPH diesel (mg/kg)	Oil&grease (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	thylbenzen (mg/kg)	Xylenes (mg/kg)	other VOCs (EPA 6240)	SVOCs (EPA 8270	Cd mg/kg	Cr, total mg/kg	Pb mg/kg	Ni mg/kg	Zn mg/kg
A1	05/18/87	14' - 17.5'	6.2		NA	NA	<0.1	<0.1	NA	<0.1							
A2	05/18/87	14' - 17.5'	1.5		NA	NA	<0.1	<0.1	NA	<0.1							
B1	05/18/87	14' - 17.5'	310		NA	NA	6.4	1	NA	15							
B2	05/18/87	14' - 17.5'	2.3		NA	NA	<0.1	<0.1	NA	<0.1							
C1	05/18/87	14' - 17.5'	50		NA	NA	5.9	3.7	NA	7.7							
C2	05/18/87	14' - 17.5'	2.4		NA	NA	<0.1	<0.1	NA	<0.1							
WO#1	02/24/93	9.5'	<1.0	4	17	<100	<0.005	0.012	<0.005	<0.015	ND	ND	1.2	52	12	170	40
MW-1-10	10/27/93	10	27		NA		0.081	0.055	0.36	0.099							
MW-1-15	10/27/93	15	7		NA		0.052	0.019	0.22	0.13							
MW-1-20	10/27/93	20	13		NA		0.014	0.033	0.15	0.11							
MW-2-10	10/04/95	10	29		2		<0.01	<0.01	<0.01	<0.03							
MW-2-15	10/04/95	15	<0.2		<1		<0.005	<0.005	<0.005	<0.005							
MW-3-10	10/04/95	10	<0.2		<1		<0.005	<0.005	<0.005	<0.005							
MW-3-15	10/04/95	15	<0.2		100		<0.005	<0.005	<0.005	<0.005							
MW-4-10	10/04/95	10	5100		840		<1	7.7	33	0.3							
MW-4-15	10/04/95	15	<0.2		<1		<0.005	<0.005	<0.005	<0.005							

bgs - below ground surface

NA - not analyzed

Table 2 - Summary of Historic Groundwater Data
5901 MacArthur Blvd, Oakland, CA

Well ID	Date	Water Level (ft, bgs)	TPH gas (ug/L)	TPH diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzen (ug/L)	Xylenes (ug/L)
MW-1	11/4/93	14.24	1900	610	210	2	0.6	7.8
	3/4/94	13.9	1700	610	220	4.9	2.9	10
	4/30/94	14.07	3200	<50	200	2	60	31
	9/6/94	13.96	3200	940	210	56	55	48
	1/12/95	13.68	500	500	13	<0.5	15	4
	3/13/95	13.2	50	400	8	<0.5	2	<2
	6/15/95	13.92	2000	<50	210	2	83	14
	10/18/95	14.22	1200	<50	110	5	8	6
	12/20/95	13.92	2600	200	320	4	180	55
	3/27/96	13.82	3500	NA	380	6.3	400	280
	6/11/96	13.83	1200	<20	120	1.5	7.7	2
	9/4/96	14.1	1100	<50	51	1.4	5.2	3
MW-2	10/18/95	14.36	500	650	59	1	28	13
	12/20/95	13.87	300	200	5	0.8	0.9	<2
	3/27/96	13.76	<50	NA	<0.5	<0.5	<0.5	<2
	6/11/96	13.9	<50	130	<0.5	<0.5	<0.5	<2
	9/4/96	14.24	240	150	0.7	0.7	9.7	3
MW-3	10/18/95	14.57	100	300	<0.5	<0.5	<0.5	<2
	12/20/95	13.85	<50	<50	<0.5	<0.5	<0.5	<2
	3/27/96	13.38	<50	NA	<0.5	<0.5	<0.5	<2
	6/11/96	14.1	<50	<50	<0.5	<0.5	<0.5	<2
	9/4/96	14.44	<50	<50	<0.5	<0.5	<0.5	<2
MW-4	12/2/95	19.02	2100	2200	20	0.9	5.8	8.4
	12/20/95	12.14	2000	300	17	1	4	7
	3/27/96	12.15	430	NA	0.6	<0.5	0.8	<2
	6/11/96	12.7	370	200	1.9	<0.5	1	<2
	9/4/96	14.16	290	<50	1.1	<0.5	1.4	<2
bgs - below ground surface								
NA - not analyzed								

Table 3 - Summary of June 20, 2007 Soil and Groundwater Investigation Results
5901 MacArthur Blvd, Oakland, CA

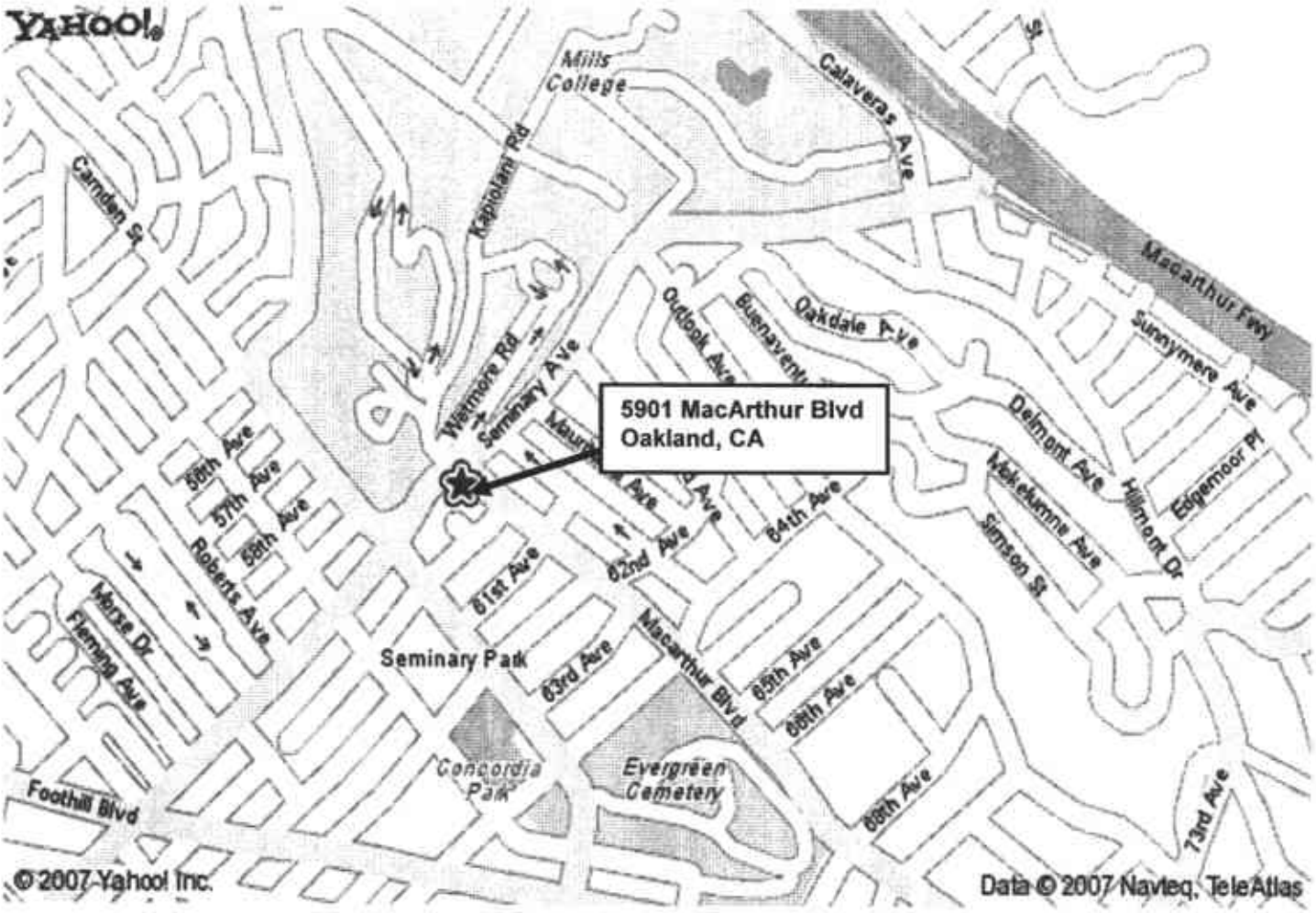
Sample ID	Depth (ft)	medium	unit	TPH gas	TPH diesel	TPH motor oil	Benzene	Toluene	ethylbezene	xylenes	MTBE	Cadmium	Chromium	Lead	Nickel	Zinc
residential ESLs		groundwater	ug/L	**500**	**640**	**640**	**46**	**130**	**290**	**100**	**1800**	**1.1**	**180**	**2.5**	**8.2**	**81**
commercial ESLs		groundwater	ug/L	**500**	**640**	**640**	**46**	**130**	**290**	**100**	**1800**	**1.1**	**180**	**2.5**	**8.2**	**81**
TB-4-W	15	groundwater	ug/L	1,620 (a)	1,000 (b)	ND (246)	2.3	0.97	2.38	0.74	12.3	ND (5)	ND (5)	ND (15)	ND (10)	15
TB-1 (trip blank)				ND (28)	NA	NA	ND (0.34)	ND (0.3)	ND (0.25)	ND (0.74)	ND (0.39)					
residential ESLs	≤ 10	shallow soil	mg/kg	**100**	**100**	**500**	**0.18**	**9.3**	**32**	**11**	**2**	**1.7**	**58**	**150**	**150**	**600**
commercial ESLs	≤ 10	shallow soil	mg/kg	**400**	**500**	**1000**	**0.38**	**9.3**	**32**	**11**	**5.6**	**7.4**	**58**	**750**	**150**	**600**
residential ESLs	> 10	deep soil	mg/kg	**400**	**500**	**1000**	**0.18**	**9.3**	**32**	**11**	**2**	**38**	**58**	**750**	**1000**	**2500**
commercial ESLs	> 10	deep soil	mg/kg	**400**	**500**	**1000**	**0.51**	**9.3**	**32**	**11**	**5.6**	**38**	**58**	**750**	**1000**	**5000**
Residential PRGs		soil	mg/kg	NA	NA	NA	**0.64**	**520**	**400**	**270**	**32**	**37**	**210**	**150**	**1600**	**23000**
TB-1-1	2.0 - 2.5	shallow soil	mg/kg		ND (2.0)	7.5						ND (1.0)	29	25	41	130
TB-1-10	10 - 10.5	deep soil	mg/kg	26.6	2.1	ND (4.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.5)	ND (1.0)	ND (1.0)	78	11	210	76
TB-1-15	15 - 15.5	deep soil	mg/kg	ND (0.1)	ND (2.0)	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)	ND (1.0)	27	8.8	38	32
TB-2-1	1.5 -2.0	shallow soil	mg/kg		ND (2.0)	ND (4.0)						ND (1.0)	34	24	37	42
TB-2-10	9.5 - 10	shallow soil	mg/kg	ND (0.1)	ND (2.0)	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)	ND (1.0)	50	6.3	130	67
TB-2-15	15 - 15.5	deep soil	mg/kg	23	ND (2.0)	ND (4.0)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1.5)	ND (1.0)					
TB-3-1	1.5 - 2.0	shallow soil	mg/kg		ND (2.0)	73.8						ND (1.0)	29	48	41	97
TB-3-5	5.5 - 6.0	shallow soil	mg/kg	0.22	ND (2.0)	ND (4.0)	ND (0.005)	0.01	0.034	0.13	ND (0.01)	ND (1.0)	150	13	270	88
TB-3-10	10 - 10.5	deep soil	mg/kg	ND (0.1)	ND (2.0)	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)	ND (1.0)	94	7.5	170	82
TB-3-15	15 - 15.5	deep soil	mg/kg	ND (0.1)	ND (2.0)	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)					
TB-4-1	1.0 - 1.5	shallow soil	mg/kg		ND (2.0)	ND (4.0)						ND (1.0)	32	14	48	32
TB-4-10	9.5 - 10	shallow soil	mg/kg	ND (0.1)	ND (2.0)	9.97	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)	ND (1.0)	39	26	53	78
TB-4-15	15 - 15.5	deep soil	mg/kg	2,890 (c)	440	44.6	ND (5)	ND (5)	ND (5)	ND (15)	ND (10)	ND (1.0)	200	12	330	160
TB-5-1	1.0 - 1.5	shallow soil	mg/kg		ND (2.0)	ND (4.0)						ND (1.0)	33	7.2	43	29
TB-5-5	5.0 - 5.5	shallow soil	mg/kg	ND (0.1)	ND (2.0)	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)	ND (1.0)	80	17	220	110
TB-5-10	10 - 10.5	deep soil	mg/kg	ND (0.1)	ND (2.0)	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)	ND (1.0)	110	6.6	240	68
TB-5-15	15 - 15.5	deep soil	mg/kg	0.143	5.8	ND (4.0)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.015)	ND (0.01)					
Average		Shallow soil	mg/kg	**< 0.1**	**< 2**	**12**	**< 0.005**	**< 0.005**	**< 0.01**	**<0.1**	**< 0.01**	**< 1**	**53**	**20**	**98**	**75**
Average		deep soil	mg/kg	**367**	**57**	**7**	**< 0.005**	**< 0.005**	**< 0.01**	**<0.1**	**< 0.01**	**< 1**	**102**	**9**	**198**	**84**

Note: a - laboratory reported that the result is elevated due to presence of non-target compounds within the TPH gas quantitative range.

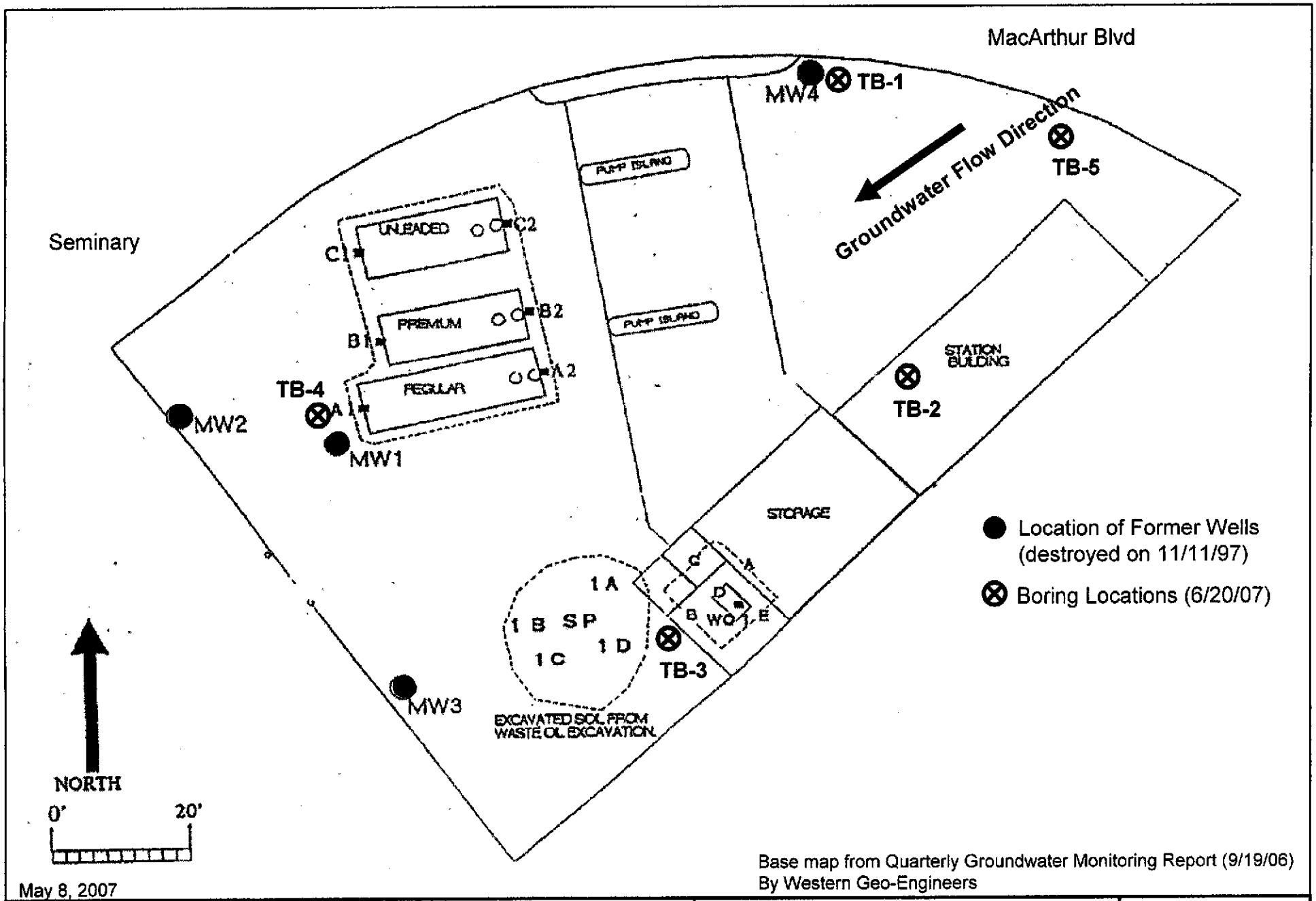
Note: b - sample chromatogram does not resemble typical diesel pattern. Lighter end and unidentified hydrocarbon peaks within the diesel range quantitated as diesel.

Note: c - sample chromatogram does not match typical gasoline pattern due to presence of heavier hydrocarbons within the TPH gas range.

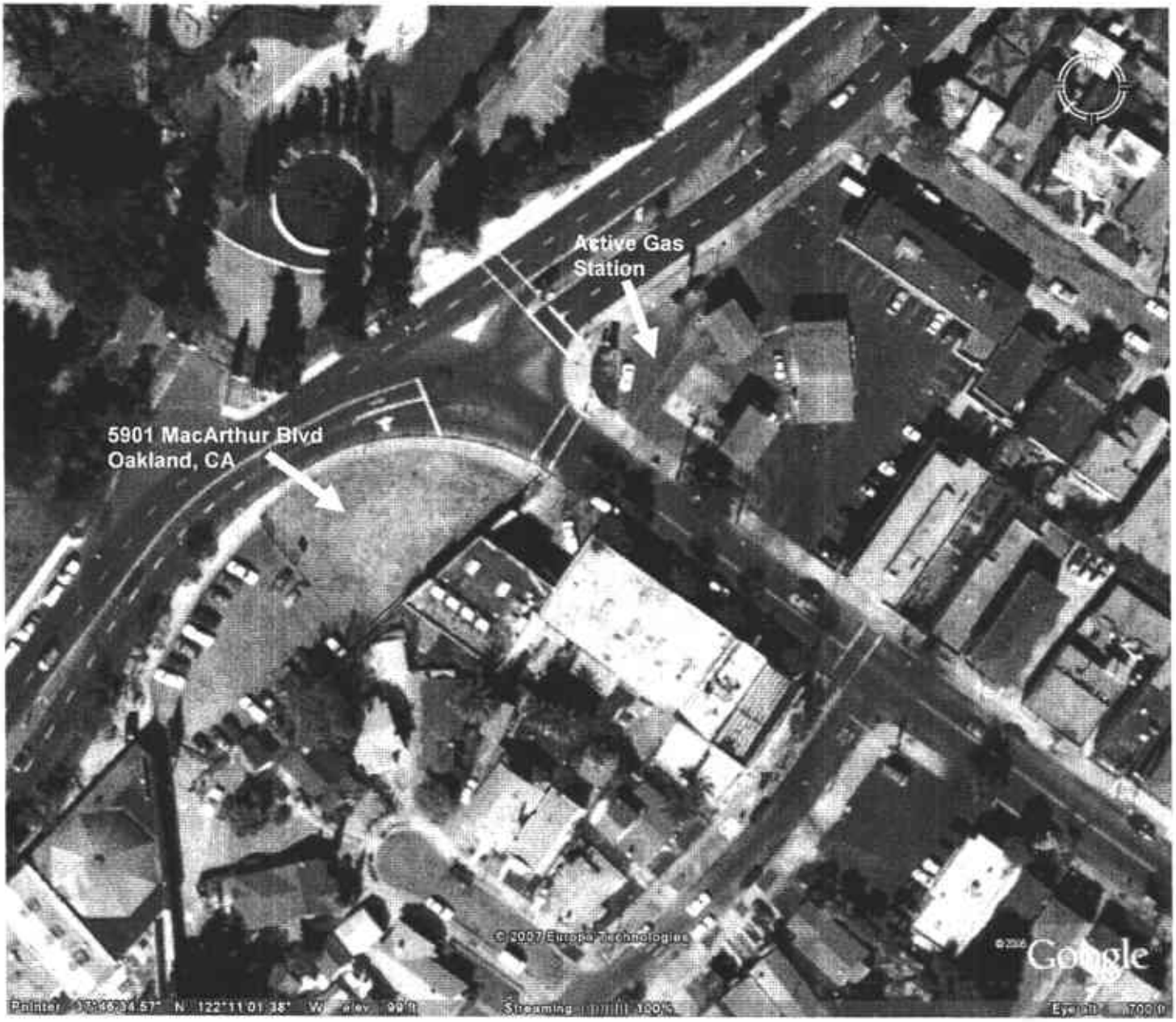
All ESL standards cited above are for groundwater is not a current or potential source of drinking water



PROJECT NO. 06BPC01.2000	5901 MacArthur Blvd Oakland, CA	VICINITY MAP	FIGURE 1
OTG EnviroEngineering Solutions Inc.			



PROJECT NO. 06BPC01.2000	5901 MacArthur Blvd Oakland, CA	SITE PLAN & June 20, 2007 SAMPLING LOCATIONS	FIGURE 2
OTG EnviroEngineering Solutions Inc.			



N

PROJECT NO. 06BPC01.2000	5901 MacArthur Blvd Oakland, CA	VICINITY AERIAL MAP	FIGURE 3
OTG EnviroEngineering Solutions Inc.			

APPENDIX A

Boring Logs, June 20, 2007 Sampling

Project: 06BPC01.2000 Project Location: 5901 MacArthur Blvd, Oakland Project Number:	**Log of Boring TB-1** Sheet 1 of 1

Date(s) Drilled 6/20/07	Logged By X. Tong	Checked By
Drilling Method Direct Push	Drill Bit Size/Type 1 3/4" OD Drive Point	Total Depth Drilled (feet) 20
Drill Rig Type Geoprobe 6600	Drilled By RSI Drilling	Hammer Type
Apparent Groundwater Depth Dry ft ATD ___ ft after ___ hrs	Surface Elevation (feet)	Hammer Weight/ Drop (lbs/in.)
Location	Elevation Datum	Borehole Backfill Cement grout

Depth, feet	Elevation, feet	SAMPLES: No./Type	SAMPLES: Kept/Qual.	SAMPLES: Sampling Resistance	SAMPLES: Recovery, %	MATERIAL DESCRIPTION	OTHER REMARKS
0					90%	GM, fill, base aggregates with some fines & plant roots	
						SM, Sand-silt mixture	TB-1-1
5					50%	~6" concrete SM, grey sand-silt mixture	
10					40%	ML, black to dark grey silty fine sand	TB-1-10
					40%		
15						CL, yellowish silty clay	TB-1-15
					50%		
20						end at 20'	dry at 20'

Template: OKLGPRF Proj ID: KEY

OTG EnviroEngineering Solutions, Inc.

Figure ___

Printed:

Project: 06BPC01.2000 Project Location: 5901 MacArthur Blvd, Oakland Project Number:	**Log of Boring** TB-2 Sheet 1 of 1

Date(s) Drilled: 6/20/07	Logged By: X-Tong		Checked By:
Drilling Method: Direct Push	Drill Bit Size/Type: 1 3/4" OD Drive point		Total Depth Drilled (feet): 24"
Drill Rig Type: Geoprobe 6600	Drilled By: RSI Drilling		Hammer Type:
Apparent Groundwater Depth: Dry ft ATD ___ ft after ___ hrs	Surface Elevation (feet):		Hammer Weight/ Drop (lbs/in.):
Location:	Elevation Datum:		Borehole Backfill: cement grout

Depth, feet	Elevation, feet	SAMPLES No./Type	Kept/Qual.	Sampling Resistance	Recovery, %	MATERIAL DESCRIPTION	OTHER REMARKS
0						GM, base aggregates with some fines & plant roots	
					95%	CL, Yellowish silty clay, stiff	TB-2-1
5					95%	CL, motted brown to 18' silty clay	
10					90%		TB-2-10
					80%		
15							TB-2-15
					80%		
						OL, 18' to 24' light brown organic silt clay	
20						end at 24"	dry at 24'

Template: OKLGPRF Proj ID: KEY

OTG EnviroEngineering Solutions, Inc.

Figure ___

Printed:

Project: 06BPC01.2000
Project Location: 5901 MacArthur Blvd, Oakland
Project Number: _____

Log of Boring TB-3

Sheet 1 of 1

Date(s) Drilled: 6/20/07	Logged By: X. Tong		Checked By:
Drilling Method: Direct Push	Drill Bit Size/Type: 1 3/4" O.D. Drive point		Total Depth Drilled (feet): 24
Drill Rig Type: GeoProbe 6600	Drilled By: RSI Drilling		Hammer Type:
Apparent Groundwater Depth: Dry ft ATD ___ ft after ___ hrs		Surface Elevation (feet):	Hammer Weight/ Drop (lbs/in.):
Location:		Elevation Datum:	Borehole Backfill: cement grout

Depth, feet	Elevation, feet	SAMPLES No./Type	SAMPLES Kept/Qual.	SAMPLES Sampling Resistance	SAMPLES Recovery, %	MATERIAL DESCRIPTION	OTHER REMARKS
0					95%	GM, base aggregates with fines & plant roots	TB-3-1
						CL, stiff & brown silty clay	
5					75%		TB-3-5
						OL, stiff & dark brown silty clay	
10					100%	ML, brown clayey silt to 18'	TB-3-10
					80%		
15							TB-3-15
					90%	CL, stiff & light brown to 24' silty clay	
20						end of 24'	Dry at 24'

Template: OKLGPRF Proj ID: KEY

OTG EnviroEngineering Solutions, Inc.

Figure ___

Printed: ___

Project: 06BPC01.2000
Project Location: 5901 MacArthur Blvd, Oakland
Project Number: _____

Log of Boring TB-4

Sheet 1 of 1

Date(s) Drilled: 6/20/2007	Logged By: X. Tong		Checked By:
Drilling Method: Direct Push	Drill Bit Size/Type: 1-3/4" OD Drive point		Total Depth Drilled (feet): 20 ft
Drill Rig Type: Geoprobe 6600	Drilled By: RSI Drilling		Hammer Type:
Apparent Groundwater Depth: ▽ 15 ft ATD ___ ft after ___ hrs		Surface Elevation (feet):	Hammer Weight/ Drop (lbs/in.):
Location:		Elevation Datum:	Borehole Backfill: Cement grout

Depth, feet	Elevation, feet	SAMPLES: No./Type	SAMPLES: Kept/Qual.	SAMPLES: Sampling Resistance	SAMPLES: Recovery, %	MATERIAL DESCRIPTION	OTHER REMARKS
0						GM. base aggregates with some fines & plant roots	
					100%	SM, Yellowish sand-silt mixture with some gravels.	TB-4-1
5					70%	CL, brown to dark brown silty clay	
10					60%	CL, brown stiff silty clay	TB-4-10
					60%		
15	▽					SM, dark grey silty Sand	TB-4-15 Water first encountered at 15' with petro odor
					90%	SC, grey sand-clay mixture	
20						CL, Yellowish & stiff silty clay	
						end at 20'	

Template: OKLGPRF Proj ID: KEY

OTG EnviroEngineering Solutions, Inc.

Figure ___

Printed: _____

Project: 06BPC01.2000
Project Location: 5901 MacArthur Blvd, Oakland
Project Number: _____

Log of Boring TB-5
Sheet 1 of 1

Date(s) Drilled: 6/20/07	Logged By: X. Tong		Checked By:
Drilling Method: Direct push	Drill Bit Size/Type: 1 3/4" OD Drive point		Total Depth Drilled (feet): 20'
Drill Rig Type: Geoprobe 6600	Drilled By: RSI Drilling		Hammer Type:
Apparent Groundwater Depth: Dry ft ATD ___ ft after ___ hrs		Surface Elevation (feet):	Hammer Weight/ Drop (lbs/in.):
Location:		Elevation Datum:	Borehole Backfill: Cement grout

Depth, feet	Elevation, feet	SAMPLES: No./Type	SAMPLES: Kept/Qual.	SAMPLES: Sampling Resistance	SAMPLES: Recovery, %	MATERIAL DESCRIPTION	OTHER REMARKS
0						GM, fill aggregates with fines & roots	
							TB-5-1
						SM, Silty Sand	
5							
						OL, dark silty clay	TB-5-5
10							TB-5-10
						ML to 20'	
						clayey silt	
15							TB-5-15
20						end at 20'	Dry at 20'

Template: OKLGPRF Proj ID: KEY

OTG EnviroEngineering Solutions, Inc.

Figure ___

Printed: _____

APPENDIX B

Laboratory Analytical Reports for June 20, 2007 Samples

TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com

June 27, 2007

Xinggang Tong
OTG Enviroengineering Solutions,Inc
464 19th Street,Suite 206
Oakland, CA 94612

TEL: (510) 465-8982
FAX

RE: Investigation

Order No.: 0706131

Dear Xinggang Tong:

Torrent Laboratory, Inc. received 19 samples on 6/20/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

Laboratory Director

6/27/07
Date

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-1-1
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 10:15:00 AM

Lab Sample ID: 0706131-001
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	29	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	25	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	41	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	130	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	7.50	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	82.7	%REC	R13180

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-1-10
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 10:25:00 AM

Lab Sample ID: 0706131-002
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	78	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	11	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	210	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	76	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	2.1 x	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	82.6	%REC	R13180
Note:x- Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within the diesel range quantitated as diesel.								
Benzene	SW8260B	6/22/2007	5	100	500	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/22/2007	5	100	500	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/22/2007	10	100	1000	ND	µg/Kg	R13133
Toluene	SW8260B	6/22/2007	5	100	500	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/22/2007	15	100	1500	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/22/2007	0	100	55.8-141	101	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/22/2007	0	100	59.8-148	101	%REC	R13133
Surr: Toluene-d8	SW8260B	6/22/2007	0	100	55.2-133	84.0	%REC	R13133
Note: Reporting limit raised due to high concentration of non-target heavier hydrocarbons.								
TPH (Gasoline)	SW8260B(TPH)	6/22/2007	100	100	10000	26600 x	µg/Kg	G13133
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	6/22/2007	0	100	57-122	80.0	%REC	G13133

Note: x - Hydrocarbons responded within gasoline quantitative range but pattern does not match typical gasoline.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-1-15
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 10:50:00 AM

Lab Sample ID: 0706131-003
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	27	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	8.8	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	38	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	32	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	77.6	%REC	R13180
Benzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/21/2007	15	1	15	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0	1	55.8-141	92.4	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0	1	59.8-148	89.0	%REC	R13133
Surr: Toluene-d8	SW8260B	6/21/2007	0	1	55.2-133	88.8	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	100	1	100	ND	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/21/2007	0	1	57-122	96.0	%REC	G13133

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-2-1
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:35:00 AM

Lab Sample ID: 0706131-004
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	34	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	24	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	37	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	42	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	68.8	%REC	R13180

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-2-10
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:40:00 AM

Lab Sample ID: 0706131-005
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	50	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	6.3	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	130	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	67	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	75.5	%REC	R13180
Benzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/21/2007	15	1	15	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0	1	55.8-141	96.5	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0	1	59.8-148	98.5	%REC	R13133
Surr: Toluene-d8	SW8260B	6/21/2007	0	1	55.2-133	91.9	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	100	1	100	ND	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/21/2007	0	1	57-122	80.0	%REC	G13133

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-2-15
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:45:00 AM

Lab Sample ID: 0706131-006
Date Prepared: 6/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	80.2	%REC	R13180
Benzene	SW8260B	6/22/2007	5	100	500	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/22/2007	5	100	500	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/22/2007	10	100	1000	ND	µg/Kg	R13133
Toluene	SW8260B	6/22/2007	5	100	500	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/22/2007	15	100	1500	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/22/2007	0	100	55.8-141	101	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/22/2007	0	100	59.8-148	109	%REC	R13133
Surr: Toluene-d8	SW8260B	6/22/2007	0	100	55.2-133	84.1	%REC	R13133

Note: Reporting limit raised due to high concentration of non-target heavier hydrocarbons.

TPH (Gasoline)	SW8260B(TPH)	6/22/2007	100	100	10000	23000 x	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/22/2007	0	100	57-122	80.0	%REC	G13133

Note: x - Does not match typical gasoline pattern. Contains only significant amount of hydrocarbons heavier than requested fuel.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-3-1
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:05:00 AM

Lab Sample ID: 0706131-007
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	29	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	48	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	41	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	97	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	73.8	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	77.0	%REC	R13180

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-3-10
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:17:00 AM

Lab Sample ID: 0706131-008
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	94	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	7.5	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	170	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	82	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	80.9	%REC	R13180
Benzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/21/2007	15	1	15	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0	1	55.8-141	94.9	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0	1	59.8-148	90.3	%REC	R13133
Surr: Toluene-d8	SW8260B	6/21/2007	0	1	55.2-133	96.4	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	100	1	100	ND	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/21/2007	0	1	57-122	74.0	%REC	G13133

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-3-15
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:25:00 AM

Lab Sample ID: 0706131-009
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	69.6	%REC	R13180
Benzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/21/2007	15	1	15	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0	1	55.8-141	86.9	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0	1	59.8-148	92.9	%REC	R13133
Surr: Toluene-d8	SW8260B	6/21/2007	0	1	55.2-133	88.5	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	100	1	100	ND	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/21/2007	0	1	57-122	74.0	%REC	G13133

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-3-5
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 9:12:00 AM

Lab Sample ID: 0706131-010
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	150	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	13	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	270	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	88	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	75.8	%REC	R13180
Benzene	SW8260B	6/21/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/21/2007	5	1	5.0	34	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/21/2007	5	1	5.0	10	µg/Kg	R13133
Xylenes, Total	SW8260B	6/21/2007	15	1	15	130	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0	1	55.8-141	108	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0	1	59.8-148	94.9	%REC	R13133
Surr: Toluene-d8	SW8260B	6/21/2007	0	1	55.2-133	98.6	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	100	1	100	220	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/21/2007	0	1	57-122	62.0	%REC	G13133

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-4-1
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 8:00:00 AM

Lab Sample ID: 0706131-011
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	32	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	14	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	48	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	32	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	77.6	%REC	R13180

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-4-15
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 8:25:00 AM

Lab Sample ID: 0706131-013
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	200	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	12	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	330	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	160	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	10	20.0	440 x	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	10	40.0	44.6	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	10	28-125	60.0	%REC	R13180

Note: Two fuels present. x- Sample chromatogram does not resemble typical diesel pattern (possibly jet fuel). Lighter end hydrocarbons and hydrocarbon peaks within the diesel range quantitated as diesel.

Benzene	SW8260B	6/22/2007	5	1000	5000	ND	µg/Kg	R13135
Ethylbenzene	SW8260B	6/22/2007	5	1000	5000	ND	µg/Kg	R13135
Methyl tert-butyl ether (MTBE)	SW8260B	6/22/2007	10	1000	10000	ND	µg/Kg	R13135
Toluene	SW8260B	6/22/2007	5	1000	5000	ND	µg/Kg	R13135
Xylenes, Total	SW8260B	6/22/2007	15	1000	15000	ND	µg/Kg	R13135
Surr: 4-Bromofluorobenzene	SW8260B	6/22/2007	0	1000	55.8-141	103	%REC	R13135
Surr: Dibromofluoromethane	SW8260B	6/22/2007	0	1000	59.8-148	96.3	%REC	R13135
Surr: Toluene-d8	SW8260B	6/22/2007	0	1000	55.2-133	85.0	%REC	R13135

Note: Reporting limits raised due to high concentration of non-target heavier hydrocarbons.

TPH (Gasoline)	SW8260B(TPH)	6/22/2007	100	1000	100000	2890000 x	µg/Kg	G13135
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/22/2007	0	1000	57-122	100	%REC	G13135

Note: x - Does not match typical gasoline pattern. Result indicates the presence of heavier hydrocarbons within the TPH as Gasoline quantitation range. The result indicates estimated value.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-4-W
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: GROUNDWATER
Date/Time Sampled 6/20/2007 8:50:00 AM

Lab Sample ID: 0706131-014
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B-D	6/22/2007	0.005	1	0.0050	ND	mg/L	3553
Chromium	SW6010B-D	6/22/2007	0.005	1	0.0050	ND	mg/L	3553
Lead	SW6010B-D	6/22/2007	0.015	1	0.015	ND	mg/L	3553
Nickel	SW6010B-D	6/22/2007	0.01	1	0.010	ND	mg/L	3553
Zinc	SW6010B-D	6/22/2007	0.005	1	0.0050	0.015	mg/L	3553
TPH (Diesel)	SW8015B	6/25/2007	0.1	1	0.123	1.0 x	mg/L	R13173
TPH (Motor Oil)	SW8015B	6/25/2007	0.2	1	0.246	ND	mg/L	R13173
Surr: Pentacosane	SW8015B	6/25/2007	0	1	40-120	62.0	%REC	R13173
Note:x- Sample chromatogram does not resemble typical diesel pattern. Lighter end hydrocarbons and unidentified hydrocarbon peaks within the diesel range quantitated as diesel.								
Benzene	SW8260B	6/21/2007	0.34	1	0.340	2.30	µg/L	R13127
Ethylbenzene	SW8260B	6/21/2007	0.25	1	0.250	2.38	µg/L	R13127
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	0.39	1	0.390	12.3	µg/L	R13127
Toluene	SW8260B	6/21/2007	0.3	1	0.300	0.970	µg/L	R13127
Xylenes, Total	SW8260B	6/21/2007	0.74	1	0.740	0.74 J	µg/L	R13127
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0.395	1	61.2-131	110	%REC	R13127
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0.498	1	64.1-120	101	%REC	R13127
Surr: Toluene-d8	SW8260B	6/21/2007	0.531	1	75.1-127	104	%REC	R13127
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	50	1	50	1620 E,x	µg/L	G13127
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	6/21/2007	0	1	58.4-133	73.1	%REC	G13127

Note: E - Estimated value. The amount exceeds the calibration range but within linear working range of the instrument. x-Although TPH as Gasoline is present, result is elevated due to presence of non-target compounds within the TPH as Gasoline quantitative range.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-1
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: GROUNDWATER
Date/Time Sampled 6/20/2007

Lab Sample ID: 0706131-015
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	SW8260B	6/21/2007	0.34	1	0.340	ND	µg/L	R13127
Ethylbenzene	SW8260B	6/21/2007	0.25	1	0.250	ND	µg/L	R13127
Methyl tert-butyl ether (MTBE)	SW8260B	6/21/2007	0.39	1	0.390	ND	µg/L	R13127
Toluene	SW8260B	6/21/2007	0.3	1	0.300	ND	µg/L	R13127
Xylenes, Total	SW8260B	6/21/2007	0.74	1	0.740	ND	µg/L	R13127
Surr: Dibromofluoromethane	SW8260B	6/21/2007	0.395	1	61.2-131	105	%REC	R13127
Surr: 4-Bromofluorobenzene	SW8260B	6/21/2007	0.498	1	64.1-120	103	%REC	R13127
Surr: Toluene-d8	SW8260B	6/21/2007	0.531	1	75.1-127	97.0	%REC	R13127
TPH (Gasoline)	SW8260B(TPH)	6/21/2007	50	1	50	ND	µg/L	G13127
Surr: 4-Bromofluorobenzene	SW8260B(TPH)	6/21/2007	0	1	58.4-133	66.0	%REC	G13127

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-5-1
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 11:05:00 AM

Lab Sample ID: 0706131-016
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	33	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	7.2	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	43	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	29	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	87.1	%REC	R13180

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-5-5
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 11:10:00 AM

Lab Sample ID: 0706131-017
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	80	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	17	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	220	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	110	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	76.7	%REC	R13180
Benzene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13135
Ethylbenzene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13135
Methyl tert-butyl ether (MTBE)	SW8260B	6/22/2007	10	1	10	ND	µg/Kg	R13135
Toluene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13135
Xylenes, Total	SW8260B	6/22/2007	15	1	15	ND	µg/Kg	R13135
Surr: 4-Bromofluorobenzene	SW8260B	6/22/2007	0	1	55.8-141	135	%REC	R13135
Surr: Dibromofluoromethane	SW8260B	6/22/2007	0	1	59.8-148	109	%REC	R13135
Surr: Toluene-d8	SW8260B	6/22/2007	0	1	55.2-133	116	%REC	R13135
TPH (Gasoline)	SW8260B(TPH)	6/22/2007	100	1	100	ND	µg/Kg	G13135
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/22/2007	0	1	57-122	37 S	%REC	G13135

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-5-10
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 11:17:00 AM

Lab Sample ID: 0706131-018
Date Prepared: 6/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Cadmium	SW6010B	6/21/2007	1	1	1.0	ND	mg/Kg	3550
Chromium	SW6010B	6/21/2007	5	1	5.0	110	mg/Kg	3550
Lead	SW6010B	6/21/2007	1	1	1.0	6.6	mg/Kg	3550
Nickel	SW6010B	6/21/2007	5	1	5.0	240	mg/Kg	3550
Zinc	SW6010B	6/21/2007	5	1	5.0	68	mg/Kg	3550
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	ND	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	82.3	%REC	R13180
Benzene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/22/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/22/2007	15	1	15	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/22/2007	0	1	55.8-141	120	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/22/2007	0	1	59.8-148	104	%REC	R13133
Surr: Toluene-d8	SW8260B	6/22/2007	0	1	55.2-133	96.9	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/22/2007	100	1	100	ND	µg/Kg	G13133
Surr: 4-Bromoflurobenzene	SW8260B(TPH)	6/22/2007	0	1	57-122	64.0	%REC	G13133

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Xinggang Tong
OTG Enviroengineering Solutions,Inc

Date Received: 6/20/2007
Date Reported:

Client Sample ID: TB-5-15
Sample Location: 5901 MacArthur Blvd, Oakland
Sample Matrix: SOIL
Date/Time Sampled 6/20/2007 11:25:00 AM

Lab Sample ID: 0706131-019
Date Prepared: 6/22/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	6/26/2007	2	1	2.00	5.8 x	mg/Kg	R13180
TPH (Motor Oil)	SW8015B	6/26/2007	4	1	4.00	ND	mg/Kg	R13180
Surr: Pentacosane	SW8015B	6/26/2007	0	1	28-125	75.9	%REC	R13180
Note: x-Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within the diesel range quantitated as diesel.								
Benzene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13133
Ethylbenzene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13133
Methyl tert-butyl ether (MTBE)	SW8260B	6/22/2007	10	1	10	ND	µg/Kg	R13133
Toluene	SW8260B	6/22/2007	5	1	5.0	ND	µg/Kg	R13133
Xylenes, Total	SW8260B	6/22/2007	15	1	15	ND	µg/Kg	R13133
Surr: 4-Bromofluorobenzene	SW8260B	6/22/2007	0	1	55.8-141	108	%REC	R13133
Surr: Dibromofluoromethane	SW8260B	6/22/2007	0	1	59.8-148	101	%REC	R13133
Surr: Toluene-d8	SW8260B	6/22/2007	0	1	55.2-133	88.0	%REC	R13133
TPH (Gasoline)	SW8260B(TPH)	6/22/2007	100	1	100	143 x	µg/Kg	G13133
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	6/22/2007	0	1	57-122	84.0	%REC	G13133

Note: x - Hydrocarbons responded within gasoline quantitative range but pattern does not match typical gasoline.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Torrent Laboratory, Inc.

Date: *27-Jun-07*

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: 3550

Sample ID: MB-3550	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 6/21/2007	RunNo: 13132
Client ID: ZZZZZ	Batch ID: 3550	TestNo: SW6010B	(SW3050B)	Analysis Date: 6/21/2007	SeqNo: 191779

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	1.0									
Chromium	ND	5.0									
Lead	ND	1.0									
Nickel	ND	5.0									
Zinc	ND	5.0									

Sample ID: LCS-3550	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 6/21/2007	RunNo: 13132
Client ID: ZZZZZ	Batch ID: 3550	TestNo: SW6010B	(SW3050B)	Analysis Date: 6/21/2007	SeqNo: 191765

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	49.35	1.0	50	0	98.7	82.4	125				
Chromium	50.05	5.0	50	0	100	68.1	122				
Lead	50.90	1.0	50	0	102	67.9	118				
Nickel	49.70	5.0	50	0	99.4	69.2	126				
Zinc	49.25	5.0	50	0	98.5	72.6	123				

Sample ID: LCSD-3550	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 6/21/2007	RunNo: 13132
Client ID: ZZZZZ	Batch ID: 3550	TestNo: SW6010B	(SW3050B)	Analysis Date: 6/21/2007	SeqNo: 191776

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	49.40	1.0	50	0	98.8	82.4	125	49.35	0.101	30	
Chromium	50.10	5.0	50	0	100	68.1	122	50.05	0.0999	30	
Lead	50.10	1.0	50	0	100	67.9	118	50.9	1.58	30	
Nickel	49.80	5.0	50	0	99.6	69.2	126	49.7	0.201	30	
Zinc	49.35	5.0	50	0	98.7	72.6	123	49.25	0.203	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: 3550

Sample ID: 0706131-001AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 6/21/2007	RunNo: 13132
Client ID: TB-1-1	Batch ID: 3550	TestNo: SW6010B	(SW3050B)	Analysis Date: 6/21/2007	SeqNo: 191746

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	48.90	1.0	50	0.45	96.9	80.6	106				
Chromium	80.95	5.0	50	29.05	104	61.5	129				
Lead	65.20	1.0	50	24.6	81.2	60.5	113				
Nickel	90.85	5.0	50	40.9	99.9	61.7	124				
Zinc	194.7	5.0	50	133.2	123	62.6	123				

Sample ID: 0706131-001AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 6/21/2007	RunNo: 13132
Client ID: TB-1-1	Batch ID: 3550	TestNo: SW6010B	(SW3050B)	Analysis Date: 6/21/2007	SeqNo: 191747

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	46.65	1.0	50	0.45	92.4	80.6	106	48.9	4.71	30	
Chromium	81.55	5.0	50	29.05	105	61.5	129	80.95	0.738	30	
Lead	66.55	1.0	50	24.6	83.9	60.5	113	65.2	2.05	30	
Nickel	90.45	5.0	50	40.9	99.1	61.7	124	90.85	0.441	30	
Zinc	177.4	5.0	50	133.2	88.6	62.6	123	194.7	9.24	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: 3553

Sample ID: MB-3553	SampType: MBLK	TestCode: 6010B_DISS	Units: mg/L	Prep Date: 6/22/2007	RunNo: 13162
Client ID: ZZZZZ	Batch ID: 3553	TestNo: SW6010B-D	(E200.7D/SW	Analysis Date: 6/22/2007	SeqNo: 192059

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	0.0050									
Chromium	ND	0.0050									
Lead	ND	0.015									
Nickel	ND	0.010									
Zinc	ND	0.0050									

Sample ID: LCS-3553	SampType: LCS	TestCode: 6010B_DISS	Units: mg/L	Prep Date: 6/22/2007	RunNo: 13162
Client ID: ZZZZZ	Batch ID: 3553	TestNo: SW6010B-D	(E200.7D/SW	Analysis Date: 6/22/2007	SeqNo: 192057

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.9855	0.0050	1	0	98.5	80	120				
Chromium	0.9876	0.0050	1	0	98.8	80	120				
Lead	0.9748	0.015	1	0	97.5	80	120				
Nickel	0.9972	0.010	1	0	99.7	80	120				
Zinc	0.9833	0.0050	1	0	98.3	80	120				

Sample ID: LCSD-3553	SampType: LCSD	TestCode: 6010B_DISS	Units: mg/L	Prep Date: 6/22/2007	RunNo: 13162
Client ID: ZZZZZ	Batch ID: 3553	TestNo: SW6010B-D	(E200.7D/SW	Analysis Date: 6/22/2007	SeqNo: 192058

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.9748	0.0050	1	0	97.5	80	120	0.9855	1.09	20	
Chromium	0.9855	0.0050	1	0	98.5	80	120	0.9876	0.217	20	
Lead	0.9887	0.015	1	0	98.9	80	120	0.9748	1.42	20	
Nickel	0.9876	0.010	1	0	98.8	80	120	0.9972	0.970	20	
Zinc	0.9855	0.0050	1	0	98.5	80	120	0.9833	0.217	20	

Sample ID: 0706131-014AMS	SampType: MS	TestCode: 6010B_DISS	Units: mg/L	Prep Date: 6/22/2007	RunNo: 13162
Client ID: TB-4-W	Batch ID: 3553	TestNo: SW6010B-D	(E200.7D/SW	Analysis Date: 6/22/2007	SeqNo: 192055

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: 3553

Sample ID: **0706131-014AMS** SampType: **MS** TestCode: **6010B_DISS** Units: **mg/L** Prep Date: **6/22/2007** RunNo: **13162**
Client ID: **TB-4-W** Batch ID: **3553** TestNo: **SW6010B-D (E200.7D/SW** Analysis Date: **6/22/2007** SeqNo: **192055**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.9020	0.0050	1	0	90.2	80	120				
Chromium	0.9106	0.0050	1	0	91.1	80	120				
Lead	0.9480	0.015	1	0	94.8	80	120				
Nickel	0.8913	0.010	1	0.00535	88.6	80	120				
Zinc	0.9159	0.0050	1	0.01498	90.1	80	120				

Sample ID: **0706131-014AMSD** SampType: **MSD** TestCode: **6010B_DISS** Units: **mg/L** Prep Date: **6/22/2007** RunNo: **13162**
Client ID: **TB-4-W** Batch ID: **3553** TestNo: **SW6010B-D (E200.7D/SW** Analysis Date: **6/22/2007** SeqNo: **192056**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.9726	0.0050	1	0	97.3	80	120	0.902	7.53	20	
Chromium	0.9705	0.0050	1	0	97.0	80	120	0.9106	6.37	20	
Lead	0.9512	0.015	1	0	95.1	80	120	0.948	0.338	20	
Nickel	0.9491	0.010	1	0.00535	94.4	80	120	0.8913	6.28	20	
Zinc	0.9790	0.0050	1	0.01498	96.4	80	120	0.9159	6.66	20	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: G13127

Sample ID: MB-G	SampType: MBLK	TestCode: TPH_GAS_W	Units: µg/L	Prep Date: 6/21/2007	RunNo: 13127
Client ID: ZZZZZ	Batch ID: G13127	TestNo: SW8260B(TP		Analysis Date: 6/21/2007	SeqNo: 191702

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	50									
Surr: 4-Bromofluorobenzene	8.200	0	11.36	0	72.2	58.4	133				

Sample ID: LCS-G	SampType: LCS	TestCode: TPH_GAS_W	Units: µg/L	Prep Date: 6/21/2007	RunNo: 13127
Client ID: ZZZZZ	Batch ID: G13127	TestNo: SW8260B(TP		Analysis Date: 6/21/2007	SeqNo: 191703

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	206.0	50	227	0	90.7	52.4	127				
Surr: 4-Bromofluorobenzene	9.200	0	11.36	0	81.0	58.4	133				

Sample ID: LCSD-G	SampType: LCSD	TestCode: TPH_GAS_W	Units: µg/L	Prep Date: 6/21/2007	RunNo: 13127
Client ID: ZZZZZ	Batch ID: G13127	TestNo: SW8260B(TP		Analysis Date: 6/21/2007	SeqNo: 191704

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	206.0	50	227	0	90.7	52.4	127	206	0	20	
Surr: 4-Bromofluorobenzene	8.200	0	11.36	0	72.2	58.4	133	0	0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: G13133

Sample ID: MB-G	SampType: MBLK	TestCode: TPH_GAS_S_	Units: µg/Kg	Prep Date: 6/21/2007	RunNo: 13133
Client ID: ZZZZZ	Batch ID: G13133	TestNo: SW8260B(TP		Analysis Date: 6/21/2007	SeqNo: 191848

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	100									
Surr: 4-Bromoflurobenzene	51.00	0	50	0	102	57	122				

Sample ID: LCS-G	SampType: LCS	TestCode: TPH_GAS_S_	Units: µg/Kg	Prep Date: 6/21/2007	RunNo: 13133
Client ID: ZZZZZ	Batch ID: G13133	TestNo: SW8260B(TP		Analysis Date: 6/21/2007	SeqNo: 191849

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	1183	100	1000	69	111	48.2	132				
Surr: 4-Bromoflurobenzene	56.00	0	50	0	112	57	122				

Sample ID: LCSD-G	SampType: LCSD	TestCode: TPH_GAS_S_	Units: µg/Kg	Prep Date: 6/21/2007	RunNo: 13133
Client ID: ZZZZZ	Batch ID: G13133	TestNo: SW8260B(TP		Analysis Date: 6/21/2007	SeqNo: 191850

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	924.0	100	1000	69	85.5	48.2	132	1183	24.6	30	
Surr: 4-Bromoflurobenzene	45.00	0	50	0	90.0	57	122	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: G13135

Sample ID: MB-G1	SampType: MBLK	TestCode: TPH_GAS_S_	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: ZZZZZ	Batch ID: G13135	TestNo: SW8260B(TP		Analysis Date: 6/22/2007	SeqNo: 191892

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	100									
Surr: 4-Bromofllurobenzene	42.00	0	50	0	84.0	57	122				

Sample ID: LCS-G1	SampType: LCS	TestCode: TPH_GAS_S_	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: ZZZZZ	Batch ID: G13135	TestNo: SW8260B(TP		Analysis Date: 6/22/2007	SeqNo: 191893

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	987.0	100	1000	0	98.7	48.2	132				
Surr: 4-Bromofllurobenzene	45.00	0	50	0	90.0	57	122				

Sample ID: LCSD-G1	SampType: LCSD	TestCode: TPH_GAS_S_	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: ZZZZZ	Batch ID: G13135	TestNo: SW8260B(TP		Analysis Date: 6/22/2007	SeqNo: 191894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	1055	100	1000	0	106	48.2	132	987	6.66	30	
Surr: 4-Bromofllurobenzene	44.00	0	50	0	88.0	57	122	0	0	0	

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13127

Sample ID: MB	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 6/21/2007	RunNo: 13127
Client ID: ZZZZZ	Batch ID: R13127	TestNo: SW8260B		Analysis Date: 6/21/2007	SeqNo: 191651

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.500									
Ethylbenzene	ND	0.500									
Methyl tert-butyl ether (MTBE)	ND	0.500									
Toluene	ND	0.500									
Xylenes, Total	ND	1.50									
Surr: Dibromofluoromethane	11.98	0	11.36	0	105	61.2	131				
Surr: 4-Bromofluorobenzene	11.62	0	11.36	0	102	64.1	120				
Surr: Toluene-d8	11.85	0	11.36	0	104	75.1	127				

Sample ID: LCS	SampType: LCS	TestCode: 8260B_W	Units: µg/L	Prep Date: 6/21/2007	RunNo: 13127
Client ID: ZZZZZ	Batch ID: R13127	TestNo: SW8260B		Analysis Date: 6/21/2007	SeqNo: 191653

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	17.23	0.500	17.04	0	101	66.9	140				
Toluene	17.09	0.500	17.04	0	100	76.6	123				
Surr: Dibromofluoromethane	11.65	0	11.36	0	103	61.2	131				
Surr: 4-Bromofluorobenzene	11.45	0	11.36	0	101	64.1	120				
Surr: Toluene-d8	11.85	0	11.36	0	104	75.1	127				

Sample ID: LCSD	SampType: LCSD	TestCode: 8260B_W	Units: µg/L	Prep Date: 6/21/2007	RunNo: 13127
Client ID: ZZZZZ	Batch ID: R13127	TestNo: SW8260B		Analysis Date: 6/21/2007	SeqNo: 191654

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	17.76	0.500	17.04	0	104	66.9	140	17.23	3.03	20	
Toluene	17.82	0.500	17.04	0	105	76.6	123	17.09	4.18	20	
Surr: Dibromofluoromethane	11.09	0	11.36	0	97.6	61.2	131	0	0	0	
Surr: 4-Bromofluorobenzene	12.03	0	11.36	0	106	64.1	120	0	0	0	
Surr: Toluene-d8	11.54	0	11.36	0	102	75.1	127	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13133

Sample ID: MB	SampType: MBLK	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 6/21/2007	RunNo: 13133
Client ID: ZZZZZ	Batch ID: R13133	TestNo: SW8260B		Analysis Date: 6/21/2007	SeqNo: 191787

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	5.0									
Ethylbenzene	ND	5.0									
Methyl tert-butyl ether (MTBE)	ND	10									
Toluene	ND	5.0									
Xylenes, Total	ND	15									
Surr: 4-Bromofluorobenzene	46.77	0	50	0	93.5	55.8	141				
Surr: Dibromofluoromethane	51.34	0	50	0	103	59.8	148				
Surr: Toluene-d8	42.64	0	50	0	85.3	55.2	133				

Sample ID: LCS	SampType: LCS	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 6/21/2007	RunNo: 13133
Client ID: ZZZZZ	Batch ID: R13133	TestNo: SW8260B		Analysis Date: 6/21/2007	SeqNo: 191788

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	43.68	5.0	50	0	87.4	66.5	135				
Toluene	47.86	5.0	50	0	95.7	56.8	134				
Surr: 4-Bromofluorobenzene	48.77	0	50	0	97.5	55.8	141				
Surr: Dibromofluoromethane	45.27	0	50	0	90.5	59.8	148				
Surr: Toluene-d8	44.61	0	50	0	89.2	55.2	133				

Sample ID: LCSD	SampType: LCSD	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 6/21/2007	RunNo: 13133
Client ID: ZZZZZ	Batch ID: R13133	TestNo: SW8260B		Analysis Date: 6/21/2007	SeqNo: 191789

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	49.82	5.0	50	0	99.6	66.5	135	43.68	13.1	30	
Toluene	50.96	5.0	50	0	102	56.8	134	47.86	6.27	30	
Surr: 4-Bromofluorobenzene	46.22	0	50	0	92.4	55.8	141	0	0	0	
Surr: Dibromofluoromethane	46.97	0	50	0	93.9	59.8	148	0	0	0	
Surr: Toluene-d8	42.64	0	50	0	85.3	55.2	133	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13135

Sample ID: MB-3	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: ZZZZZ	Batch ID: R13135	TestNo: SW8260B		Analysis Date: 6/22/2007	SeqNo: 191831

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Methyl tert-butyl ether (MTBE)	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	20									
Surr: 4-Bromofluorobenzene	56.41	0	50	0	113	55.8	141				
Surr: Dibromofluoromethane	46.22	0	50	0	92.4	59.8	148				
Surr: Toluene-d8	43.02	0	50	0	86.0	55.2	133				

Sample ID: LCS-3	SampType: LCS	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: ZZZZZ	Batch ID: R13135	TestNo: SW8260B		Analysis Date: 6/22/2007	SeqNo: 191832

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	50.05	10	50	0	100	66.5	135				
Toluene	54.08	10	50	0	108	56.8	134				
Surr: 4-Bromofluorobenzene	55.45	0	50	0	111	55.8	141				
Surr: Dibromofluoromethane	46.96	0	50	0	93.9	59.8	148				
Surr: Toluene-d8	42.89	0	50	0	85.8	55.2	133				

Sample ID: LCSD-3	SampType: LCSD	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: ZZZZZ	Batch ID: R13135	TestNo: SW8260B		Analysis Date: 6/22/2007	SeqNo: 191833

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	52.83	10	50	0	106	66.5	135	50.05	5.40	30	
Toluene	51.69	10	50	0	103	56.8	134	54.08	4.52	30	
Surr: 4-Bromofluorobenzene	50.35	0	50	0	101	55.8	141	0	0	0	
Surr: Dibromofluoromethane	49.61	0	50	0	99.2	59.8	148	0	0	0	
Surr: Toluene-d8	42.21	0	50	0	84.4	55.2	133	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13135

Sample ID: 0706131-017A MS	SampType: MS	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: TB-5-5	Batch ID: R13135	TestNo: SW8260B		Analysis Date: 6/22/2007	SeqNo: 192018

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.49	5.0	50	0	95.0	66.5	135				
Toluene	228 S	5.0	50	0	228	56.8	134				
Surr: 4-Bromofluorobenzene	66.33	0	50	0	133	55.8	141				
Surr: Dibromofluoromethane	47.72	0	50	0	95.4	59.8	148				
Surr: Toluene-d8	55.11	0	50	0	110	55.2	133				

Sample ID: 0706131-017A MSD	SampType: MSD	TestCode: 8260B_S_PE	Units: µg/Kg	Prep Date: 6/22/2007	RunNo: 13135
Client ID: TB-5-5	Batch ID: R13135	TestNo: SW8260B		Analysis Date: 6/22/2007	SeqNo: 192019

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.06	5.0	50	0	94.1	66.5	135	47.49	0.910	30	
Toluene	173 S	5.0	50	0	173	56.8	134	113.9	27.2	30	
Surr: 4-Bromofluorobenzene	59.50	0	50	0	119	55.8	141	0	0	0	
Surr: Dibromofluoromethane	47.11	0	50	0	94.2	59.8	148	0	0	0	
Surr: Toluene-d8	52.37	0	50	0	105	55.2	133	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13173

Sample ID: WDSG070625A-MB	SampType: MBLK	TestCode: TEPHSG_W	Units: mg/L	Prep Date: 6/25/2007	RunNo: 13173
Client ID: ZZZZZ	Batch ID: R13173	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192180

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	0.0287									
Surr: Pentacosane	0.07300	0	0.1	0	73.0	46.8	104				

Sample ID: WDSG070625A-LCS	SampType: LCS	TestCode: TEPHSG_W	Units: mg/L	Prep Date: 6/25/2007	RunNo: 13173
Client ID: ZZZZZ	Batch ID: R13173	TestNo: SW8015B		Analysis Date: 6/25/2007	SeqNo: 192181

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.5350	0.100	1	0	53.5	30	68.5				
Surr: Pentacosane	0.08400	0	0.1	0	84.0	46.8	104				

Sample ID: WDSG070625A-LCS	SampType: LCSD	TestCode: TEPHSG_W	Units: mg/L	Prep Date: 6/25/2007	RunNo: 13173
Client ID: ZZZZZ	Batch ID: R13173	TestNo: SW8015B		Analysis Date: 6/25/2007	SeqNo: 192182

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.4780	0.100	1	0	47.8	30	68.5	0.535	11.3	30	
Surr: Pentacosane	0.07200	0	0.1	0	72.0	46.8	104	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13180

Sample ID: SDSG070622A-MB	SampType: MBLK	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/22/2007	RunNo: 13180
Client ID: ZZZZZ	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192262

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
TPH (Motor Oil)	ND	4.00									
Surr: Pentacosane	2.639	0	3.3	0	80.0	28	125				

Sample ID: SDSG070626A-MB	SampType: MBLK	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/26/2007	RunNo: 13180
Client ID: ZZZZZ	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192283

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
TPH (Motor Oil)	ND	4.00									
Surr: Pentacosane	3.540	0	3.3	0	107	28	125				

Sample ID: SDSG070622A-LCS	SampType: LCS	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/22/2007	RunNo: 13180
Client ID: ZZZZZ	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192263

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	23.26	2.00	33.33	0	69.8	26.6	128				
Surr: Pentacosane	2.826	0	3.3	0	85.6	28	125				

Sample ID: SDSG070622A-LCS	SampType: LCSD	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/22/2007	RunNo: 13180
Client ID: ZZZZZ	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192264

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	24.46	2.00	33.33	0	73.4	26.6	128	23.26	5.02	30	
Surr: Pentacosane	2.993	0	3.3	0	90.7	28	125	0	0	0	

Sample ID: 0706131-008AMS	SampType: MS	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/22/2007	RunNo: 13180
Client ID: TB-3-10	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192281

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: OTG Enviroengineering Solutions,Inc
Work Order: 0706131
Project: Investigation

ANALYTICAL QC SUMMARY REPORT

BatchID: R13180

Sample ID: 0706131-008AMS	SampType: MS	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/22/2007	RunNo: 13180
Client ID: TB-3-10	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192281

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	22.57	2.00	33.33	0	67.7	26.6	128				
Surr: Pentacosane	2.555	0	3.3	0	77.4	28	125				

Sample ID: 0706131-008AMSD	SampType: MSD	TestCode: TPHDOSG_S	Units: mg/Kg	Prep Date: 6/22/2007	RunNo: 13180
Client ID: TB-3-10	Batch ID: R13180	TestNo: SW8015B		Analysis Date: 6/26/2007	SeqNo: 192282

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	22.51	2.00	33.33	0	67.5	26.6	128	22.57	0.288	30	
Surr: Pentacosane	2.711	0	3.3	0	82.2	28	125	0	0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

TORRENT LABORATORY, INC.

CHAIN OF CUSTODY

483 Sinclair Frontage Rd. Milpitas, CA 95035
Phone: 408.263.5258 FAX: 408.263.8293
Visit us at www.torrentlab.com email: analysis@torrentlab.com

Project # 070613

Company Name: OTG Enviroengineering Solutions, Inc.	Location of Sampling: 5901 MacArthur Blvd., Oakland
Address: 464 19th St., Suite 206	Purpose: Investigation
City: Oakland State: CA Zip Code: 94612	Special Instructions / Comments:
Telephone: (510)465-8982 FAX#: xtong@otgenv.com	* Filter metal samples upon receiving
Report To: Xinggang Tong Sampler: X Tong	P.O. #:

Turnaround Time: ☐ 10 Working Days ☐ 3 Working Days ☐ 2-8 Hours ☐ 7 Working Days ☐ 2 Working Days ☒ 5 Working Days ☐ 24 Hours

☐ Storm Water ☐ Waste Water ☒ Soil ☒ Groundwater

~~Torrent~~ Client Sample I.D.	Date/Time Sampled	Sample Type	#of Cont.	Cont. Type	LUFT 5 metals *	TPHdk MO with silica gel clean up	TPHg, BTEX & MTBE	Client's Sample I.D.
1. TB-1-1	6/20/07, 10:15	soil			X	X		001A
2. TB-1-10	" 10:25	"			X	X	X	002A
3. TB-1-15	" 10:50	"			X	X	X	003A
4. ~~TB-1-S~~	"	"			X	X	X	~~004A~~
5. ~~TB-1-W~~	"	water			X	X	X	dry, no water ~~005A~~
6. TB-2-1	" 9:35	soil			X	X		004A ~~006A~~
7. TB-2-10	" 9:40	"			X	X	X	005A
8. TB-2-15	" 9:45	"				X	X	006A
9.								
10. ~~TB-2-W~~	"	water			X	X	X	dry, no water

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Paul Dias	6/20/07	5:39	Ralph G	6/21/07	

Were Samples Received in Good Condition ? ☐ YES ☐ NO Samples on Ice? ☐ YES ☐ NO Method of Shipment

PINK - Client
YELLOW - Torrent's Accounting
WHITE - Torrent Lab

TORRENT LABORATORY, INC.

CHAIN OF CUSTODY

483 Sinclair Frontage Rd. Milpitas, CA 95035
Phone: 408.263.5258 FAX: 408.263.8293
Visit us at www.torrentlab.com email: analysis@torrentlab.com

Project # 070631

Company Name: OTG Enviroengineering Solutions, Inc	Location of Sampling: 5901 MacArthur Blvd., Oakland
Address: 464 19th St., Suite 206	Purpose: Investigation
City: Oakland State: CA Zip Code: 94612	Special Instructions / Comments:
Telephone: (510) 465-8982 FAX#: xtong@otgenv.com	* Filter metal samples upon receiving
Report To: Xinggang Tong Sampler: X Tong	P.O. #:

Turnaround Time: ☐ 10 Working Days ☐ 3 Working Days ☐ 2-8 Hours ☐ 7 Working Days ☐ 2 Working Days ☒ 5 Working Days ☐ 24 Hours

☐ Storm Water ☐ Waste Water ☒ Soil ☒ Water

~~Torrent's~~ Client Sample I.D.	Date/Time Sampled	Sample Type	#of Cont.	Cont. Type	LUFT 5 metals *	TPHd & MO with silica gel cleanup	TPHg, BTEX & MTBE	Client's Sample I.D.
1. TB-3-1	6/20/07, 9:05	Soil	1	tube	X	X		007A
2. TB-3-10	" 9:17	"	1	"	X	X	X	008A
3. TB-3-15	" 9:25	"	1	"	X	X	X	009A
4. ~~TB-3-W~~	"	Water			X	X	X	dry, no water
5. TB-3-5	" 9:12	Soil			X	X	X	010A
6. TB-4-1	" 8:00	Soil	1	tube	X	X		011A
7. TB-4-10	" 8:18	"	1	"	X	X	X	012A
8. TB-4-15	" 8:25	"	1	"	X	X	X	013A
9. TB-4-W	" 8:50	Water	5	bottles	X	X	X	014A
10. TB-1	"	"	1	"			X	015A

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
	6/20/07	3:07pm		6/20/07	3:07
	6/20/07	5:39		6/20/07	

Were Samples Received in Good Condition ? ☐ YES ☐ NO Samples on Ice? ☐ YES ☐ NO Method of Shipment _____

PINK - Client
YELLOW - Torrent's Accounting
WHITE - Torrent Lab

Page 5 of 7

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO: 0706131

Company Name: OTG Environengineering Solutions, Inc			Location of Sampling: 5901 MacArthur Blvd, Oakland
Address: 464 19th St., suite 206			Purpose:
City: Oakland	State: CA	Zip Code: 94612	Special Instructions / Comments:
Telephone: (510) 465-8982 FAX: xtong@otgenv.com			
REPORT TO: Xinggang Tong SAMPLER: X Tong			P.O. #: EMAIL:

TURNAROUND TIME:
- ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours
- ☐ 7 Working Days ☐ 2 Working Days ☐ Other
- ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE:
- ☐ Storm Water ☐ Other
- ☐ Waste Water
- ☐ Ground Water
- ☐ Soil

REPORT FORMAT:
- ☐ QC Level II
- ☐ EDF
- ☐ Excel / EDD

ANALYSIS REQUESTED

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	LUFT 5 metals	TPH-d & mo with silica gel cleanup	TPH-g, BTEX & MTBE	TORRENT'S SAMPLE I.D.
1. TB-5-1	6/20/07, 11:05	Soil	1	tube	X	X		0706A
2. TB-5-5	" , 11:10	"	1	"	X	X	X	0706A
3. TB-5-10	" 11:17	"	1	"	X	X	X	0706A
4. TB-5-15	" , 11:25	"	1	"		X	X	0706A
5.								
6.								
7.								
8.								
9.								
10.								

TORRENT'S ACCOUNTING

1 Relinquished By:	Date: 6/20/07	Time: 3:07pm	Received By:	Date: 6/20/07	Time: 3:07
2 Relinquished By:	Date: 6/20/07	Time: 5:39	Received By:	Date: 6/20/07	Time:

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: Date: Log In Reviewed By: Date: