

City Of Oakland
Attn: Leroy Griffin
250 Frank H. Ogawa Plaza Suite 3341
Oakland Ca 94612-2032

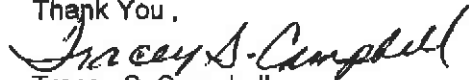
Alameda County
MAY 30 2008
Environmental Health

Alameda County Health Agency
Department Of Environmental Health
Attn: Donna Drogos
1131 Harbour Bay Parkway,2nd Floor
Alameda, CA 94502

Re: 6415 International Blvd

We have just completed a Phase 2 Environmental investigation on our property, and the results came back as a "low risk soil and ground water site". Priority inspection was done by DGC Associates located in Pleasanton CA. We would like to submit the results of the investigation for review so we can get clearance from (ACEHD) to satisfy the buyer who is currently under contract to purchase the property. We appreciate your time and consideration.

Thank You ,



Tracey S. Campbell
Phone:(310)677-8680
Fax:same
tracebell@aol.com
307 W. Fairview Blvd.
Inglewood, Ca 90302

Jaleesa Hazzard
Phone:(323)-702-3227
Fax:(323)735-3513
jalhaz@aol.com
1722 Virginia Road
Los Angeles, Ca 90012

Hamid Grinage. Realtor
Prudential Callifornia Realty
Phone:510-834-2010
Fax:510-834-3841
Hamid.grinage@prurealty.com
3320 Grand ave.
Oakland, Ca 94610



Project No. E8448-06-01
May 7, 2008

Read & Received

By: _____

Date: _____

Ms. Holly Moore
DGC Associates
3942 Valley Avenue, Suite J
Pleasanton, California 94566

Subject: LIMITED SOIL AND GRAB GROUNDWATER SAMPLING REPORT
PLUCKY'S LIQUORS / FORMER GASOLINE STATION
6415 INTERNATIONAL BOULEVARD
OAKLAND, CALIFORNIA

Dear Ms. Moore:

On April 22, 2008, Geocon collected soil and groundwater samples at the above-referenced site (see Figure 1).

Borings were advanced to assess soil and shallow groundwater quality conditions that may have been impacted by the past gasoline station operations at the property from 1935 to 1975.

MOBILIZATION

Prior to conducting the soil and groundwater investigation, Geocon obtained a drilling permit from the Alameda County Public Works Agency. A copy of the permit is attached.

Underground Services Alert was notified regarding the drilling activities and Cruz Brothers Locators (Cruz Brothers), a private utility locating service, was contracted to conduct a geophysical survey and utility clearance prior to determining the soil boring locations and conducting the field sampling.

Cruz Brothers did not detect the presence of underground storage tanks (USTs) during the geophysical survey, however they did identify the presence of one excavation area along the northwest side of the site building where boring SB-5 was advanced (see Figure2).

SOIL AND GRAB GROUNDWATER SAMPLING

Geocon advanced six soil borings at the site (SB-1 through SB-6). The boring locations are shown on Figure 2. The locations were selected based on the site layout, information obtained from informed individuals, the presumed westward groundwater flow direction, and the geophysical survey.

SB-1 was placed near the southwest property border for two reasons: 1) to assess soil and groundwater quality conditions along the backside of the property building where waste oil USTs are sometimes

located; and 2) to assess the potential that contaminants in groundwater (should they exist) have migrated offsite.

SB-2, SB-3, SB-5, and SB-6 were placed in areas where former USTs were suspected to have been located, and SB-4 was placed to assess soil conditions beneath one of the two known former fuel dispenser islands (the other dispenser island was located along the southeast side of the site building near SB-2).

One soil sample was collected from SB-1 at a depth of 15 feet where a slight petroleum odor was noticed. Two soil samples were collected from SB-2 at depths 16 and 20 feet. The 16-foot soil sample was collected where the strongest petroleum odors were present, and the 20-foot sample was collected to assess the vertical definition of impacted soil at this location. Two soil samples were collected at SB-3 at depths of 13 and 20 feet for the same reason as those collected from SB-2.

One soil sample was collected from SB-4 at a depth of 8 feet to assess potential impacts to soil beneath the former fuel dispenser island, and one soil sample was collected from SB-5 at a depth of 16 feet immediately below first encountered groundwater. Groundwater was not encountered in SB-6 so one soil sample was collected at a depth of 14 feet where a slight petroleum odor was noticed, and two more samples (20 feet below ground surface [bgs] and 31 feet bgs) were collected to assess the vertical definition of potential impacts to soil in this area.

Soil samples were collected from the six borings using a Geoprobe direct-push sample rig operated by En Prob personnel. The boreholes at each sample location were continuously logged from ground surface to total depth by hydraulically advancing a four-foot-long core barrel sampler lined with an acetate sample tube. Soil samples from selected depth intervals were cut from the acetate sample tube, the ends capped with Teflon tape and rubber end caps, and placed in a chest for storage and delivery to the analytical laboratory.

Grab-groundwater samples were collected from each borehole by installing a temporary 3/4-inch-diameter PVC well casing into the open boreholes once it was established that groundwater was present. Groundwater samples were extracted from each boring using 1/4-inch-diameter polyethylene tubing fitted with a check valve. Groundwater was forced through the tubing towards ground surface as the tubing was manually moved up and down inside the temporary well casings. Groundwater samples were collected in 40 milliliter (ml) glass vials preserved with hydrochloric acid and one liter amber glass containers for transport to the analytical laboratory.

All soil sampling equipment was cleaned between sample locations using a non-phosphate detergent and deionized water rinse. The rinsate fluids and soil cuttings generated during the field sampling were containerized, and transported back to the Geocon warehouse in Livermore for temporary storage and disposal.

SUBSURFACE SOIL AND GROUNDWATER CONDITIONS

Soils encountered during this investigation consisted of primarily of sandy and silty clay from near ground surface to the total depth of 31 feet at SB-6. Clayey gravel was encountered in borings SB-1 through SB-3 and SB-6 at depths ranging from 6 to 12 feet. It was also logged in borings SB-1 and SB-2 at depths of 14 to 15 feet, where petroleum odors were first observed at these two locations.

Some gravelly sand was also observed in boring SB-3 from 12 to 16 feet bgs, in boring SB-4 from 5 to

8 feet bgs, in boring SB-5 from 14 to 16 feet bgs, and in boring SB-6 from 7.5 to 9 feet bgs.

Petroleum odors were observed in soil and/or groundwater in all borings, except SB-4.

A slight petroleum odor was observed in soil from 14 to 15 feet bgs in SB-1; however it was not noticeable in soil below this depth, and the grab groundwater sample collected from SB-1 did not have a noticeable petroleum odor. Groundwater was first encountered in SB-1 at a depth of approximately 21 feet, and it rose to a depth of approximately 9 feet after two hours.

Petroleum odors in SB-2 were observed in soil located from 14 feet bgs to 24 feet bgs, and groundwater initially encountered at 21 feet bgs also had a noticeable petroleum odor. Groundwater rose to approximately nine feet bgs within one half hour after collecting a groundwater sample.

A noticeable petroleum odor was encountered in soils located from 12 to 16 feet bgs in SB-3; however the odor was not apparent in soils located from 16 feet bgs to the total depth of the borehole (28 feet bgs). Groundwater was initially encountered at 26 feet bgs and it had a petroleum odor. Groundwater rose to within nine feet of ground surface soon after the soil sampling equipment was removed from the borehole.

Soil retrieved from SB-5 between ground surface and 16 feet bgs did not have noticeable petroleum odors; however the groundwater sample did have a slight petroleum odor. Groundwater was first encountered in SB-5 below the bottom of the excavation fill soils at a depth of approximately 14 feet bgs. It appeared to stabilize near nine feet bgs.

SB-6 was advanced to a depth of 31 feet bgs. The only petroleum odor noticed during the advancement of SB-6 was in soils located between 14 and 15 feet bgs. The odors were faint and dissipated below 15 feet bgs. Groundwater was not encountered in SB-6.

Copies of the soil boring logs for SB-1 through SB-6 are attached.

SAMPLE ANALYSIS AND RESULTS

The soil and grab groundwater samples submitted for laboratory analysis were analyzed for total petroleum hydrocarbon compounds as gasoline (TPHg), diesel fuel (TPHd), and motor oil (TPHmo) following EPA Test Method 8015B, and benzene, toluene, ethylbenzene, and xylenes (BTEX) following EPA Test Method 8021B.

BTEX compounds were reported as non-detect in all soil and grab groundwater samples collected during this investigation, except SB-5, where the grab groundwater sample collected from SB-5 was reported to contain toluene at a concentration of 1.4 micrograms per liter (ug/l).

TPHd and TPHmo were reported in all but one soil sample (SB-3 20') submitted for laboratory analysis. The detected TPHd concentrations ranged from 1.5 milligrams per kilogram (mg/kg) in the 20-foot soil sample collected at SB-6 to 20 mg/kg in the 20-foot soil sample collected at SB-2. TPHmo concentrations in soil ranged from 1.6 mg/kg in the 20-foot soil sample collected at SB-3 to 6.3 mg/kg in the 16-foot soil sample collected from SB-5.

TPHg was detected above the reporting limit concentration of 1.0 mg/kg in three of the ten soil samples submitted for laboratory analysis. TPHg was reported at a concentration of 7.3 mg/kg in the 15-foot

soil sample collected from SB-1, 21 mg/kg in the 15-foot soil sample collected from SB-2, and 95 mg/kg in the 14-foot soil sample collected from SB-6.

TPHg, TPHd, and TPHmo were reported above the reporting limit concentrations in the grab groundwater samples collected from SB-1, SB-2, SB-3, and SB-5.

TPHg was reported at concentrations ranging from 0.080 milligrams per liter (mg/l) at SB-1 to 8.1 mg/l at SB-3. TPHd concentrations ranged from 0.076 mg/l at SB-1 to 7.2 mg/l at SB-3. TPHmo concentrations ranged from 0.11 mg/l at SB-1 to 0.18 at SB-5.

Soil and groundwater sample results are tabulated in Tables 1 and 2, and copies of the analytical laboratory data sheets are attached.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this investigation it appears the former USTs have been removed from the site, and soil and groundwater have been impacted by petroleum hydrocarbon compounds.

Groundwater was encountered under confined conditions in borings SB-1, SB-2, SB-3, and SB-5. Groundwater was not encountered in SB-4 and SB-6 that were advanced to depths of 8- and 31-feet bgs, respectively.

Although TPHg, TPHd, and TPHmo were reported in most soil and grab groundwater samples the absence of BTEX compounds indicates the fuel is aged and degraded, and contaminant concentrations reported during this investigation may not require active remediation by the Alameda County Environmental Health Department (ACEHD), however this should be confirmed with that agency.

We recommend the results of this investigation be submitted to the ACEHD for their review. We feel this site is a candidate for no further action as a low risk soil and groundwater site.

LIMITATIONS

This report has been prepared exclusively for the client. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

The client should recognize that this report is not a comprehensive site characterization and the client should not construe it as such. This report presents findings of the results of the limited sampling and laboratory testing performed. In addition, it is not the intention of the information obtained to address potential impacts related to sources other than those specified herein.

Therefore, the report is only conclusive with respect to the information obtained. No guarantee of the results of the study is implied within the intent of this report. The services performed were conducted in accordance with the local standard of care in the geographic region at the time the services were rendered.

If you have any questions regarding this report please contact John Love at (925) 371-5900.

Sincerely,

GEOCON CONSULTANTS, INC.



John Love, PG
Senior Project Geologist

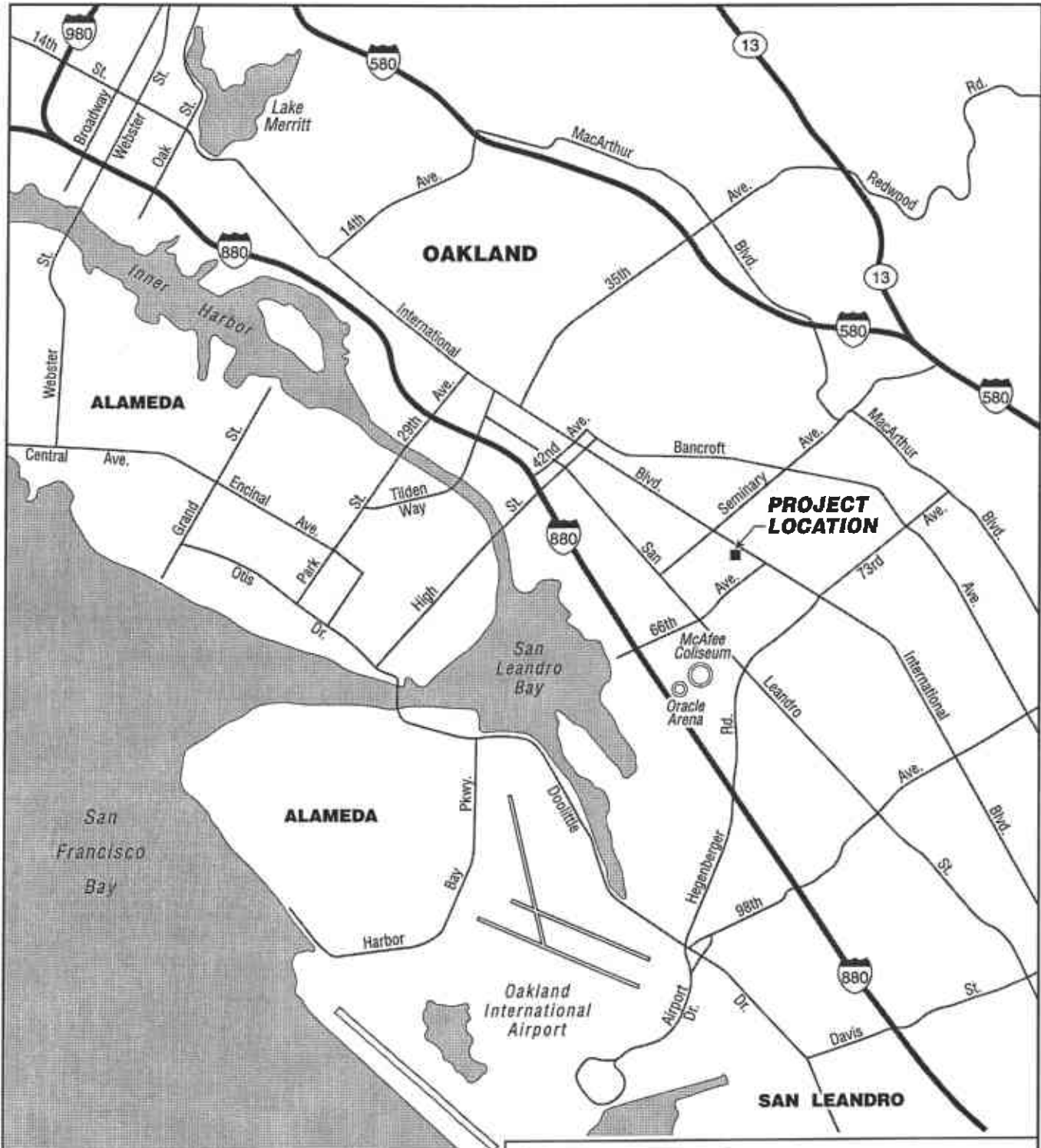


Richard Day, CEG, CHG
Vice President

JL:RWD:ls

(3) Addressee

- Attachments:
- Figure 1 – Vicinity Map
 - Figure 2 – Site Plan
 - Table 1 – Summary of Soil Sample Results
 - Table 2 – Summary of Soil Sample Results
 - DEH Soil Boring Permit
 - Soil Boring Logs
 - Analytical Laboratory Data Sheets



GEOCON

CONSULTANTS, INC.
 6671 BRISA ST. - LIVERMORE, CA. 94550
 PHONE 925 371-5900 - FAX 925 371-5915



Former Gasoline Station – Plucky’s Liquor Store

6415 International Boulevard
 Oakland, California

VICINITY MAP

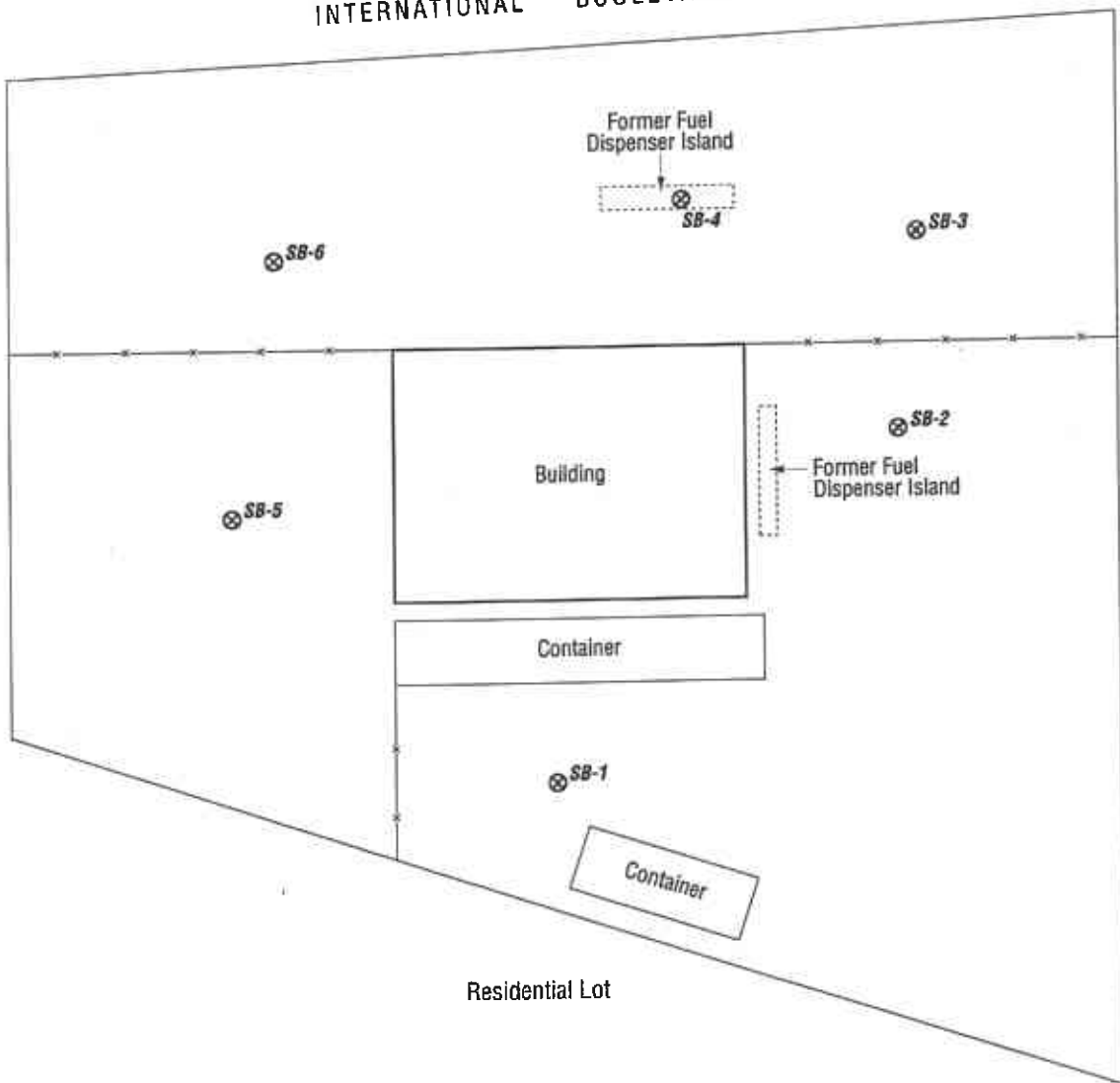
E8448-06-01	May 2008	Figure 1
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INTERNATIONAL BOULEVARD

65TH AVENUE

Grocery Store



LEGEND:

SB-1 ⊗ Approximate Boring Location

-x-x-x-x Fence

GEOCON

CONSULTANTS, INC.

8071 BRISAST. - LIVERMORE, CA. 94550
PHONE 925 371-6900 - FAX 925 371-5815



Former Gasoline Station - Plucky's Liquor Store

6415 International Boulevard
Oakland, California

SITE PLAN

E8448-06-01

May 2008

Figure 2

Table 1
Summary of Soil Sample Results
Plucky's Liquors / Former Gasoline Station
6415 International Blvd.
Oakland, California

Borehole Location	Collection Date	Depth (feet bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Total Xylenes (ug/kg)
SB-1	4/22/2008	15	7.3	6.3	5.5	<5.0	<5.0	<5.0	<15
SB-2	4/22/2008	16	21	2.6	3.5	<5.0	<5.0	<5.0	<15
SB-2	4/22/2008	20	<1.0	20	51	<5.0	<5.0	<5.0	<15
SB-3	4/22/2008	13	<1.0	5.8	5.8	<5.0	<5.0	<5.0	<15
SB-3	4/22/2008	20	<1.0	<1.0	1.6	<5.0	<5.0	<5.0	<15
SB-4	4/22/2008	8	<1.0	4.6	6.2	<5.0	<5.0	<5.0	<15
SB-5	4/22/2008	16	<1.0	7.6	6.3	<5.0	<5.0	<5.0	<15
SB-6	4/22/2008	14	95	7.8	4.4	<25	<25	<25	<75
SB-6	4/22/2008	20	<1.0	1.5	4.0	<5.0	<5.0	<5.0	<15
SB-6	4/22/2008	31	<1.0	3.2	2.7	<5.0	<5.0	<5.0	<15

Table 2
Summary of Grab Groundwater Sample Results
Plucky's Liquors / Former Gasoline Station
6415 International Blvd.
Oakland, California

Borehole Location	Collection Date	Depth (feet bgs)	TPHg (mg/l)	TPHd (mg/l)	TPHmo (mg/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)
SB-1	4/22/2008	21	0.080	0.076	0.11	<0.50	<0.50	<0.50	<1.5
SB-2	4/22/2008	21	1.5	0.71	0.13	<0.50	<0.50	<0.50	<1.5
SB-3	4/22/2008	26	8.1	7.2	0.15	<5.0	<5.0	<5.0	<15
SB-5	4/22/2008	14	0.14	0.11	0.18	<0.50	<0.50	<0.50	<1.5

NOTES:

- TPHg- Total Petroleum Hydrocarbons as Gasoline
- TPHd - Total Petroleum Hydrocarbons as Diesel
- TPHmo - Total Petroleum Hydrocarbons as Motor Oil
- mg/kg- Milligrams per kilogram
- ug/kg- Micrograms per kilogram
- mg/l - Milligrams per liter
- ug/l - Micrograms per liter

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 04/04/2008 By Jamesy

Permit Numbers: W2008-0166
Permits Valid from 04/22/2008 to 04/22/2008

Application Id: 1207327540879
Site Location: Former Gas Station / Plucky's Liquors

City of Project Site:Oakland

Project Start Date: 04/22/2008
Requested Inspection: 04/22/2008

Completion Date:04/22/2008

Scheduled Inspection: 04/22/2008 at 2:00 PM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Applicant: Geocon Consultants, Inc. - John Love
6671 Brisa Street, Livermore, CA 94550
Property Owner: Jaleesa Hazard
6415 international Blvd, Oakland, CA 94621
Client: Holly Moore
3942 Valley Avenue, Suite, Pleasanton, CA 94566
Contact: John Love

Phone: 925-371-5900

Phone: --

Phone: --

Phone: 925-371-5900
Cell: 925-525-4142

	Total Due:	\$200.00
Receipt Number: WR2008-0103	Total Amount Paid:	\$200.00
Payer Name : John W. Love	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 5 Boreholes
Driller: En Prob - Lic #: 777007 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0166	04/04/2008	07/21/2008	5	2.00 in.	15.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters

Alameda County Public Works Agency - Water Resources Well Permit

generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

PROJECT NO. E8448-06-01

				BORING NO. SB-1		SOIL (USCS)	HEADSPACE (PPM)
DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	DATE DRILLED	WATER LEVEL (ATD)		
				EQUIPMENT	GEOPROBE	DRILLER	En Prob
SOIL DESCRIPTION							
1			ASPHALT AND BASE ROCK				
2			Stiff, moist, black, fine Sandy CLAY, low to medium plasticity, no odor			CL	
3							
4							
5							
6			Stiff, moist, olive, medium Sandy CLAY, low plasticity, no odor			CL	
7							
8						GC	
9			Dense, moist to very moist, olive, Clayey coarse angular GRAVEL, no odor				
10							
11			Stiff, moist, yellowish red with light green, Sandy CLAY, low to medium plasticity, no odor			CL	
12							
13			Dense, moist, pale green, Clayey GRAVEL, with coarse angular sand, slight plasticity, slight odor			GC	
14						CL	
15			Firm to soft, moist, brown, Silty CLAY, low to medium plasticity, no odor				
16							
17							
18							
19			Soft, very moist, brown, Silty CLAY, with interbedded clayey fine sand, low to medium plasticity, no odor			CL	
20							
21							
22							
23							
24			BORING TERMINATED AT 24 FEET				

ENV_NO_WELL PLUCKYS BORINGS.GPJ 05/06/08

Figure 1, Log of Boring SB-1, page 1 of 1

BORING ELEVATION:	ENGINEER/GEOLOGIST: JOHN LOVE
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8448-06-01

				BORING NO. SB-2		SOIL (USCS)	HEADSPACE (PPM)	
DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	DATE DRILLED <u>4/22/08</u>	WATER LEVEL (ATD) _____			
				EQUIPMENT _____	GEOPROBE _____	DRILLER <u>En Prob</u>		
SOIL DESCRIPTION								
1			ASPHALT					
2			Stiff, moist, black, fine Sandy CLAY, low to medium plasticity, no odor			CL		
3								
4								
5								
6								
7								
8			Stiff, moist, olive, medium Sandy CLAY, low plasticity, no odor			CL		
9				Dense, moist to very moist, olive, Clayey coarse angular GRAVEL, no odor			GC	
10								
11								
12			Stiff, moist, yellowish red with light green, Sandy CLAY, low to medium plasticity, no odor			CL		
13								
14			Dense, moist, pale green, Clayey GRAVEL with coarse angular sand, slight plasticity, petroleum odor			GC		
15				Firm to soft, moist, brown, Silty CLAY, low to medium plasticity, petroleum odor			CL	
16								
17								
18								
19								
20								
21			Soft, very moist, brown, Silty CLAY with interbedded clayey fine sand, petroleum odor			CL		
22								
23								
24								
BORING TERMINATED AT 24 FEET								

Figure 2, Log of Boring SB-2, page 1 of 1

ENV_NO_WELL PLUCKYS BORINGS GPJ 05/06/08

BORING ELEVATION: _____

ENGINEER/GEOLOGIST: **JOHN LOVE**

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PROJECT NO. E8448-06-01

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. SB-3		SOIL (USCS)	HEADSPACE (PPM)	
				DATE DRILLED 4/22/08	WATER LEVEL (ATD)			
				EQUIPMENT	GEOPROBE	DRILLER	En Prob	
SOIL DESCRIPTION								
1			ASPHALT					
2			Stiff, moist, black to brown, Sandy CLAY, low plasticity, no odor			CL		
3								
4								
5			Dense, moist, brown, Clayey GRAVEL with angular sand and gravel, no odor			GC		
6								
7								
8			Firm, moist, reddish yellow, Sandy CLAY, low to medium plasticity, no odor			CL		
9								
10								
11			Stiff, moist, pale green, Sandy CLAY, medium plasticity, no odor			CL		
12								
13								
14			Moist, Gravelly SAND with some clay and interbedded brick fragments, petroleum odor			SW		
15								
16								
17			Stiff, moist, brown, Silty CLAY, medium plasticity, no odor			CL		
18								
19								
20								
21								
22								
23								
24								

Figure 3, Log of Boring SB-3, page 1 of 2

ENV_NO_WELL_PLUCKYS BORINGS GPJ 05/06/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: JOHN LOVE
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8448-06-01

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. SB-3		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED 4/22/08	WATER LEVEL (ATD)		
				EQUIPMENT	GEOPROBE	DRILLER	En Prob
SOIL DESCRIPTION							
26			▼	Strong petroleum odor in groundwater			
27							
28				BORING TERMINATED AT 28 FEET			

Figure 4, Log of Boring SB-3, page 2 of 2

ENV_NO_WELL_PLUCKYS BORINGS.GPJ 05/06/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: JOHN LOVE
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PROJECT NO. E8448-06-01

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. SB-4		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED 4/22/08	WATER LEVEL (ATD)		
				EQUIPMENT	GEOPROBE	DRILLER	En Prob
				SOIL DESCRIPTION			
1			ASPHALT AND BASE				
2			Stiff, moist, black, Sandy CLAY, medium plasticity, no odor			CL	
3							
4							
5			Dense, slightly moist, fine Gravelly SAND, variegated, no odor			SW	
6							
7							
8				BORING TERMINATED AT 8 FEET			

Figure 4, Log of Boring SB-4, page 1 of 1

ENV_NO_WELL PLUCKYS BORINGS.GPJ 05/06/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: JOHN LOVE
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8448-06-01

DEPTH IN FEET	PENETRA- TION RESIST BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. SB-5		SOIL (USCS)	HEADSPACE (FPM)
				DATE DRILLED 4/22/08	WATER LEVEL (ATD)		
				EQUIPMENT	GEOPROBE	DRILLER	En Prob
SOIL DESCRIPTION							
1			ASPHALT AND FILL				
2							
3							
4							
5							
6							
7							
8							
9			▽				
10							
11			Soft to stiff, saturated, brown to light green, Silty and Sandy CLAY, low plasticity, slight odor in water, no odor in soil			CL	
12							
13							
14			▽				
15			Dense, moist, variegated Gravelly SAND, fine gravel, well graded sand, no odor			SW	
16							
BORING TERMINATED AT 16 FEET							

Figure 5, Log of Boring SB-5, page 1 of 1

ENV_NO_WELL_PLUCKYS BORINGS.GPJ 05/06/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: JOHN LOVE
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8448-06-01

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. SB-6		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED 4/22/08	WATER LEVEL (ATD)		
				EQUIPMENT	GEOPROBE DRILLER En Prob		
SOIL DESCRIPTION							
1			ASPHALT AND BASE				
2			Very stiff, moist, black, Sandy CLAY, low to medium plasticity, no odor			CL	
3							
4			Dense, moist, brown, Clayey GRAVEL with angular sand, low plasticity, no odor			GC	
5							
6			Dense, moist, brown, angular Gravelly SAND, no odor			SW	
7							
8			Stiff, moist, brown with olive, Sandy CLAY, medium plasticity, no odor			CL	
9							
10			Soft				
11							
12			Slight petroleum odor				
13							
14			Pale green				
15							
16			Stiff to very stiff, moist, brown, Silty CLAY, medium plasticity, no odor			CL	
17							
18							
19							
20							
21							
22							
23							
24							

Figure 6, Log of Boring SB-6, page 1 of 2

ENV_NO_WELL_PLUCKYS BORINGS.GPJ 05/06/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

DEPT IN FEET	PENETRY RESIS BLOWS	SAMP NO.	LITHOL	DATE DRILLED	4/22/08	WATER LEVEL (ATD)	SOIL (USCS)	HEADSPACE (PPM)	
				EQUIPMENT	GEOPROBE	DRILLER			En Prob
SOIL DESCRIPTION									
26			[Hatched Pattern]	BORING TERMINATED AT 31 FEET					
27									
28									
29									
30									
31									

Figure 7, Log of Boring SB-6, page 2 of 2

ENV_NO_WELL PLUCKYS BORINGS.GPJ 05/06/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: JOHN LOVE
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

April 30, 2008



John Love
Gecon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
TEL: (925) 525-4142
FAX: (925) 371-5915

Read & Received

By: _____

Date: _____

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 098436

RE: DGC Soil & GW Investigation, E8448-06-01

Attention: John Love

Enclosed are the results for sample(s) received on April 24, 2008 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology
Laboratories

1 of 26
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Project: DGC Soil & GW Investigation, E8448-06-01
Lab Order: 098436

CASE NARRATIVE

Analytical Comments for Method 8015 (DRO/ORO)

Dilution was necessary for sample 098436-008B, due to sample matrix.

Matrix Spike (MS) and /or Matrix Spike Duplicate (MSD) are/is outside recovery criteria for samples 098430-065AMS and 098430-065AMSD; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for sample 098430-065AMSD; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for Method 8015/8021

Dilution was necessary for samples 098436-008A and 098436-012A, due to sample matrix.

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc. Client Sample ID: SB-1 (15')
 Lab Order: 098436 Collection Date: 4/22/2008 10:03:00 AM
 Project: DGC Soil & GW Investigation, E8448-06-01 Matrix: SOIL
 Lab ID: 098436-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	6.3	1.0		mg/Kg	1	4/29/2008 10:48 AM
ORO	5.5	1.0		mg/Kg	1	4/29/2008 10:48 AM
Surr: p-Terphenyl	71.9	26-127		%REC	1	4/29/2008 10:48 AM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC2_080429A	QC Batch: E08VS120				PrepDate:	Analyst: KHN
GRO	7.3	1.0		mg/Kg	1	4/29/2008 04:29 PM
Surr: Bromofluorobenzene (FID)	93.8	42-142		%REC	1	4/29/2008 04:29 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC2_080429A	QC Batch: E08VS120				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/29/2008 04:29 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/29/2008 04:29 PM
m,p-Xylene	ND	10		µg/Kg	1	4/29/2008 04:29 PM
o-Xylene	ND	5.0		µg/Kg	1	4/29/2008 04:29 PM
Toluene	ND	5.0		µg/Kg	1	4/29/2008 04:29 PM
Surr: Bromofluorobenzene (PID)	107	71-139		%REC	1	4/29/2008 04:29 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-1
Lab Order:	098436	Collection Date:	4/22/2008 10:10:00 AM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	WATER
Lab ID:	098436-002		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC8_080425B	QC Batch: 45230				PrepDate: 4/25/2008	Analyst: CBR
DRO	0.076	0.062		mg/L	1	4/26/2008 02:03 AM
ORO	0.11	0.062		mg/L	1	4/26/2008 02:03 AM
Surr: p-Terphenyl	92.9	37-134		%REC	1	4/26/2008 02:03 AM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
GRO	0.080	0.050		mg/L	1	4/25/2008 04:00 PM
Surr: Bromofluorobenzene (FID)	105	76-127		%REC	1	4/25/2008 04:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
Benzene	ND	0.50		µg/L	1	4/25/2008 04:00 PM
Ethylbenzene	ND	0.50		µg/L	1	4/25/2008 04:00 PM
m,p-Xylene	ND	1.0		µg/L	1	4/25/2008 04:00 PM
o-Xylene	ND	0.50		µg/L	1	4/25/2008 04:00 PM
Toluene	ND	0.50		µg/L	1	4/25/2008 04:00 PM
Surr: Bromofluorobenzene (PID)	90.5	82-136		%REC	1	4/25/2008 04:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-2 (16')
Lab Order:	098436	Collection Date:	4/22/2008 10:48:00 AM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	SOIL
Lab ID:	098436-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	2.6	1.0		mg/Kg	1	4/29/2008 11:14 AM
ORO	3.5	1.0		mg/Kg	1	4/29/2008 11:14 AM
Surr: p-Terphenyl	62.6	26-127		%REC	1	4/29/2008 11:14 AM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	21	1.0		mg/Kg	1	4/25/2008 09:18 PM
Surr: Bromofluorobenzene (FID)	42.4	42-142		%REC	1	4/25/2008 09:18 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/25/2008 09:18 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/25/2008 09:18 PM
m,p-Xylene	ND	10		µg/Kg	1	4/25/2008 09:18 PM
o-Xylene	ND	5.0		µg/Kg	1	4/25/2008 09:18 PM
Toluene	ND	5.0		µg/Kg	1	4/25/2008 09:18 PM
Surr: Bromofluorobenzene (PID)	90.4	71-139		%REC	1	4/25/2008 09:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc. **Client Sample ID:** SB-2 (20')
Lab Order: 098436 **Collection Date:** 4/22/2008 10:53:00 AM
Project: DGC Soil & GW Investigation, E8448-06-01 **Matrix:** SOIL
Lab ID: 098436-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	20	1.0		mg/Kg	1	4/29/2008 02:39 PM
ORO	51	1.0		mg/Kg	1	4/29/2008 02:39 PM
Surr: p-Terphenyl	61.4	26-127		%REC	1	4/29/2008 02:39 PM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/25/2008 09:44 PM
Surr: Bromofluorobenzene (FID)	93.8	42-142		%REC	1	4/25/2008 09:44 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/25/2008 09:44 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/25/2008 09:44 PM
m,p-Xylene	ND	10		µg/Kg	1	4/25/2008 09:44 PM
o-Xylene	ND	5.0		µg/Kg	1	4/25/2008 09:44 PM
Toluene	ND	5.0		µg/Kg	1	4/25/2008 09:44 PM
Surr: Bromofluorobenzene (PID)	113	71-139		%REC	1	4/25/2008 09:44 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc.
Lab Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01
Lab ID: 098436-005

Client Sample ID: SB-2
Collection Date: 4/22/2008 11:05:00 AM
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC8_080425B	QC Batch: 45230				PrepDate: 4/25/2008	Analyst: CBR
DRO	0.71	0.062		mg/L	1	4/26/2008 03:26 AM
ORO	0.13	0.062		mg/L	1	4/26/2008 03:26 AM
Surr: p-Terphenyl	89.3	37-134		%REC	1	4/26/2008 03:26 AM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
GRO	1.5	0.050		mg/L	1	4/25/2008 03:00 PM
Surr: Bromofluorobenzene (FID)	99.4	76-127		%REC	1	4/25/2008 03:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
Benzene	ND	0.50		µg/L	1	4/25/2008 03:00 PM
Ethylbenzene	ND	0.50		µg/L	1	4/25/2008 03:00 PM
m,p-Xylene	ND	1.0		µg/L	1	4/25/2008 03:00 PM
o-Xylene	ND	0.50		µg/L	1	4/25/2008 03:00 PM
Toluene	ND	0.50		µg/L	1	4/25/2008 03:00 PM
Surr: Bromofluorobenzene (PID)	117	82-136		%REC	1	4/25/2008 03:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-3 (13')
Lab Order:	098436	Collection Date:	4/22/2008 11:28:00 AM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	SOIL
Lab ID:	098436-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	5.8	1.0		mg/Kg	1	4/29/2008 02:13 PM
ORO	5.8	1.0		mg/Kg	1	4/29/2008 02:13 PM
Surr: p-Terphenyl	67.7	26-127		%REC	1	4/29/2008 02:13 PM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/25/2008 10:08 PM
Surr: Bromofluorobenzene (FID)	113	42-142		%REC	1	4/25/2008 10:08 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/25/2008 10:08 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/25/2008 10:08 PM
m,p-Xylene	ND	10		µg/Kg	1	4/25/2008 10:08 PM
o-Xylene	ND	5.0		µg/Kg	1	4/25/2008 10:08 PM
Toluene	ND	5.0		µg/Kg	1	4/25/2008 10:08 PM
Surr: Bromofluorobenzene (PID)	118	71-139		%REC	1	4/25/2008 10:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc. **Client Sample ID:** SB-3 (20')
Lab Order: 098436 **Collection Date:** 4/22/2008 11:34:00 AM
Project: DGC Soil & GW Investigation, E8448-06-01 **Matrix:** SOIL
Lab ID: 098436-007

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	ND	1.0		mg/Kg	1	4/29/2008 11:40 AM
ORO	1.6	1.0		mg/Kg	1	4/29/2008 11:40 AM
Surr: p-Terphenyl	69.9	26-127		%REC	1	4/29/2008 11:40 AM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/25/2008 10:33 PM
Surr: Bromofluorobenzene (FID)	112	42-142		%REC	1	4/25/2008 10:33 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/25/2008 10:33 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/25/2008 10:33 PM
m,p-Xylene	ND	10		µg/Kg	1	4/25/2008 10:33 PM
o-Xylene	ND	5.0		µg/Kg	1	4/25/2008 10:33 PM
Toluene	ND	5.0		µg/Kg	1	4/25/2008 10:33 PM
Surr: Bromofluorobenzene (PID)	119	71-139		%REC	1	4/25/2008 10:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-3
Lab Order:	098436	Collection Date:	4/22/2008 11:45:00 AM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	WATER
Lab ID:	098436-008		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC3_080428A	QC Batch: 45230				PrepDate: 4/25/2008	Analyst: CBR
DRO	7.2	0.12		mg/L	2	4/28/2008 12:03 PM
ORO	0.15	0.12		mg/L	2	4/28/2008 12:03 PM
Surr: p-Terphenyl	101	37-134		%REC	2	4/28/2008 12:03 PM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
GRO	8.1	0.50		mg/L	10	4/25/2008 09:06 PM
Surr: Bromofluorobenzene (FID)	115	76-127		%REC	10	4/25/2008 09:06 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
Benzene	ND	5.0		µg/L	10	4/25/2008 09:06 PM
Ethylbenzene	ND	5.0		µg/L	10	4/25/2008 09:06 PM
m,p-Xylene	ND	10		µg/L	10	4/25/2008 09:06 PM
o-Xylene	ND	5.0		µg/L	10	4/25/2008 09:06 PM
Toluene	ND	5.0		µg/L	10	4/25/2008 09:06 PM
Surr: Bromofluorobenzene (PID)	102	82-136		%REC	10	4/25/2008 09:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc.
Lab Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01
Lab ID: 098436-009

Client Sample ID: SB-4 (8')
Collection Date: 4/22/2008 1:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	4.6	1.0		mg/Kg	1	4/29/2008 01:22 PM
ORO	6.2	1.0		mg/Kg	1	4/29/2008 01:22 PM
Surr: p-Terphenyl	71.9	26-127		%REC	1	4/29/2008 01:22 PM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B(M)			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/25/2008 10:57 PM
Surr: Bromofluorobenzene (FID)	105	42-142		%REC	1	4/25/2008 10:57 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 8021B			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/25/2008 10:57 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/25/2008 10:57 PM
m,p-Xylene	ND	10		µg/Kg	1	4/25/2008 10:57 PM
o-Xylene	ND	5.0		µg/Kg	1	4/25/2008 10:57 PM
Toluene	ND	5.0		µg/Kg	1	4/25/2008 10:57 PM
Surr: Bromofluorobenzene (PID)	118	71-139		%REC	1	4/25/2008 10:57 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc.
Lab Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01
Lab ID: 098436-010

Client Sample ID: SB-5 (16')
Collection Date: 4/22/2008 1:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	7.6	1.0		mg/Kg	1	4/29/2008 01:48 PM
ORO	6.3	1.0		mg/Kg	1	4/29/2008 01:48 PM
Surr: p-Terphenyl	67.5	26-127		%REC	1	4/29/2008 01:48 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/25/2008 11:21 PM
Surr: Bromofluorobenzene (FID)	111	42-142		%REC	1	4/25/2008 11:21 PM

VOLATILE ORGANIC COMPOUNDS BY GC/PID

EPA 8021B

RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/25/2008 11:21 PM
Ethylbenzene	ND	5.0		µg/Kg	1	4/25/2008 11:21 PM
m,p-Xylene	ND	10		µg/Kg	1	4/25/2008 11:21 PM
o-Xylene	ND	5.0		µg/Kg	1	4/25/2008 11:21 PM
Toluene	ND	5.0		µg/Kg	1	4/25/2008 11:21 PM
Surr: Bromofluorobenzene (PID)	120	71-139		%REC	1	4/25/2008 11:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT: Geocon Consultants, Inc.	Client Sample ID: SB-5
Lab Order: 098436	Collection Date: 4/22/2008 1:35:00 PM
Project: DGC Soil & GW Investigation, E8448-06-01	Matrix: WATER
Lab ID: 098436-011	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC8_080425B	QC Batch: 45230				PrepDate: 4/25/2008	Analyst: CBR
DRO	0.11	0.062		mg/L	1	4/26/2008 03:54 AM
ORO	0.18	0.062		mg/L	1	4/26/2008 03:54 AM
Surr: p-Terphenyl	116	37-134		%REC	1	4/26/2008 03:54 AM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B(M)			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
GRO	0.14	0.050		mg/L	1	4/25/2008 10:06 PM
Surr: Bromofluorobenzene (FID)	106	76-127		%REC	1	4/25/2008 10:06 PM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
EPA 3510C			EPA 8021B			
RunID: GC1_080425A	QC Batch: D08VW023				PrepDate:	Analyst: CBB
Benzene	ND	0.50		µg/L	1	4/25/2008 10:06 PM
Ethylbenzene	ND	0.50		µg/L	1	4/25/2008 10:06 PM
m,p-Xylene	ND	1.0		µg/L	1	4/25/2008 10:06 PM
o-Xylene	ND	0.50		µg/L	1	4/25/2008 10:06 PM
Toluene	1.4	0.50		µg/L	1	4/25/2008 10:06 PM
Surr: Bromofluorobenzene (PID)	92.7	82-136		%REC	1	4/25/2008 10:06 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-6 (14')
Lab Order:	098436	Collection Date:	4/22/2008 1:50:00 PM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	SOIL
Lab ID:	098436-012		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID:	GC7_BACK_080429A	QC Batch:	45283	PrepDate:	4/29/2008	Analyst:	CBR
DRO		7.8	1.0	mg/Kg	1	4/29/2008	12:05 PM
ORO		4.4	1.0	mg/Kg	1	4/29/2008	12:05 PM
Surr: p-Terphenyl		79.0	26-127	%REC	1	4/29/2008	12:05 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID:	GC2_080429A	QC Batch:	E08VS120	PrepDate:		Analyst:	KHN
GRO		95	5.0	mg/Kg	5	4/29/2008	04:04 PM
Surr: Bromofluorobenzene (FID)		76.2	42-142	%REC	5	4/29/2008	04:04 PM

VOLATILE ORGANIC COMPOUNDS BY GC/PID

EPA 8021B

RunID:	GC2_080429A	QC Batch:	E08VS120	PrepDate:		Analyst:	KHN
Benzene		ND	25	µg/Kg	5	4/29/2008	04:04 PM
Ethylbenzene		ND	25	µg/Kg	5	4/29/2008	04:04 PM
m,p-Xylene		ND	50	µg/Kg	5	4/29/2008	04:04 PM
o-Xylene		ND	25	µg/Kg	5	4/29/2008	04:04 PM
Toluene		ND	25	µg/Kg	5	4/29/2008	04:04 PM
Surr: Bromofluorobenzene (PID)		101	71-139	%REC	5	4/29/2008	04:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-6 (20')
Lab Order:	098436	Collection Date:	4/22/2008 2:05:00 PM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	SOIL
Lab ID:	098436-013		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	1.5	1.0		mg/Kg	1	4/29/2008 12:30 PM
ORO	4.0	1.0		mg/Kg	1	4/29/2008 12:30 PM
Surr: p-Terphenyl	67.8	26-127		%REC	1	4/29/2008 12:30 PM
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/26/2008 12:09 AM
Surr: Bromofluorobenzene (FID)	109	42-142		%REC	1	4/26/2008 12:09 AM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/26/2008 12:09 AM
Ethylbenzene	ND	5.0		µg/Kg	1	4/26/2008 12:09 AM
m,p-Xylene	ND	10		µg/Kg	1	4/26/2008 12:09 AM
o-Xylene	ND	5.0		µg/Kg	1	4/26/2008 12:09 AM
Toluene	ND	5.0		µg/Kg	1	4/26/2008 12:09 AM
Surr: Bromofluorobenzene (PID)	118	71-139		%REC	1	4/26/2008 12:09 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Apr-08

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	SB-6 (31')
Lab Order:	098436	Collection Date:	4/22/2008 2:45:00 PM
Project:	DGC Soil & GW Investigation, E8448-06-01	Matrix:	SOIL
Lab ID:	098436-014		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B(M)			
RunID: GC7_BACK_080429A	QC Batch: 45283				PrepDate: 4/29/2008	Analyst: CBR
DRO	3.2	1.0		mg/Kg	1	4/29/2008 12:57 PM
ORO	2.7	1.0		mg/Kg	1	4/29/2008 12:57 PM
Surr: p-Terphenyl	92.5	26-127		%REC	1	4/29/2008 12:57 PM
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B(M)			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
GRO	ND	1.0		mg/Kg	1	4/26/2008 12:34 AM
Surr: Bromofluorobenzene (FID)	111	42-142		%REC	1	4/26/2008 12:34 AM
VOLATILE ORGANIC COMPOUNDS BY GC/PID						
			EPA 8021B			
RunID: GC2_080425A	QC Batch: E08VS117				PrepDate:	Analyst: KHN
Benzene	ND	5.0		µg/Kg	1	4/26/2008 12:34 AM
Ethylbenzene	ND	5.0		µg/Kg	1	4/26/2008 12:34 AM
m,p-Xylene	ND	10		µg/Kg	1	4/26/2008 12:34 AM
o-Xylene	ND	5.0		µg/Kg	1	4/26/2008 12:34 AM
Toluene	ND	5.0		µg/Kg	1	4/26/2008 12:34 AM
Surr: Bromofluorobenzene (PID)	121	71-139		%REC	1	4/26/2008 12:34 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	

CLIENT: Geocon Consultants, Inc.
 Work Order: 098436
 Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: MB-45283	SampType: MBLK	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 4/29/2008	RunNo: 93962						
Client ID: PBS	Batch ID: 45283	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 4/29/2008	SeqNo: 1447458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	1.0									
ORO	ND	1.0									
Surr: p-Terphenyl	1.818		2.670		68.1	26	127				

Sample ID: LCS-45283	SampType: LCS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 4/29/2008	RunNo: 93962						
Client ID: LCSS	Batch ID: 45283	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 4/29/2008	SeqNo: 1447458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	28.005	1.0	33.00	0	84.9	27	105				
Surr: p-Terphenyl	2.078		2.670		77.8	26	127				

Sample ID: 098430-065AMS	SampType: MS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 4/29/2008	RunNo: 93962						
Client ID: ZZZZZZ	Batch ID: 45283	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 4/29/2008	SeqNo: 1447460						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	54.275	1.0	33.00	10.55	133	14	102				S
Surr: p-Terphenyl	2.133		2.670		79.9	26	127				

Sample ID: 098430-065AMSD	SampType: MSD	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 4/29/2008	RunNo: 93962						
Client ID: ZZZZZZ	Batch ID: 45283	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 4/29/2008	SeqNo: 1447461						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	68.900	1.0	33.00	10.55	177	14	102	54.27	23.7	20	SR
Surr: p-Terphenyl	2.292		2.670		85.8	26	127		0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
 Work Order: 098436
 Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID: E080425MB1	SampType: MBLK	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93896						
Client ID: PBS	Batch ID: E08VS117	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446012						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.392	1.0									
Surr: Bromofluorobenzene (FID)	101.314		100.0		101	42	142				

Sample ID: 098430-038AMS	SampType: MS	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93896						
Client ID: ZZZZZZ	Batch ID: E08VS117	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446014						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.579	1.0	5.000	0	91.6	33	120				
Surr: Bromofluorobenzene (FID)	100.328		100.0		100	42	142				

Sample ID: 098430-038AMSD	SampType: MSD	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93896						
Client ID: ZZZZZZ	Batch ID: E08VS117	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446015						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.642	1.0	5.000	0	92.8	33	120	4.579	1.37	20	
Surr: Bromofluorobenzene (FID)	100.491		100.0		100	42	142		0	20	

Sample ID: E080425LCS1	SampType: LCS	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93896						
Client ID: LCSS	Batch ID: E08VS117	TestNo: EPA 8015B(M)		Analysis Date: 4/26/2008	SeqNo: 1446035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.455	1.0	5.000	0.3920	81.3	74	108				
Surr: Bromofluorobenzene (FID)	103.264		100.0		103	42	142				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
 Work Order: 098436
 Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID: 098482-001AMS	SampType: MS	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93984						
Client ID: ZZZZZZ	Batch ID: E08VS120	TestNo: EPA 8015B(M)		Analysis Date: 4/29/2008	SeqNo: 1447731						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.910	1.0	5.000	0	98.2	33	120				
Surr: Bromofluorobenzene (FID)	101.799		100.0		102	42	142				

Sample ID: 098482-001AMSD	SampType: MSD	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93984						
Client ID: ZZZZZZ	Batch ID: E08VS120	TestNo: EPA 8015B(M)		Analysis Date: 4/29/2008	SeqNo: 1447732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.688	1.0	5.000	0	93.8	33	120	4.910	4.63	20	
Surr: Bromofluorobenzene (FID)	103.417		100.0		103	42	142		0	20	

Sample ID: E080429MB2	SampType: MBLK	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93984						
Client ID: PBS	Batch ID: E08VS120	TestNo: EPA 8015B(M)		Analysis Date: 4/29/2008	SeqNo: 1447737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.185		100.0		101	42	142				

Sample ID: E080429LCS1	SampType: LCS	TestCode: 8015_S_GAS	Units: mg/Kg	Prep Date:	RunNo: 93984						
Client ID: LCSS	Batch ID: E08VS120	TestNo: EPA 8015B(M)		Analysis Date: 4/29/2008	SeqNo: 1447738						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.554	1.0	5.000	0	91.1	74	108				
Surr: Bromofluorobenzene (FID)	102.650		100.0		103	42	142				

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DM_LL

Sample ID: MB-45230	SampType: MBLK	TestCode: 8015_W_DM_ Units: mg/L	Prep Date: 4/25/2008	RunNo: 93911							
Client ID: PBW	Batch ID: 45230	TestNo: EPA 8015B(M EPA 3510C	Analysis Date: 4/25/2008	SeqNo: 1446402							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	ND	0.050									
ORO	ND	0.050									
Surr: p-Terphenyl	0.083		0.08000		104	37	134				

Sample ID: LCS-45230	SampType: LCS	TestCode: 8015_W_DM_ Units: mg/L	Prep Date: 4/25/2008	RunNo: 93911							
Client ID: LCSW	Batch ID: 45230	TestNo: EPA 8015B(M EPA 3510C	Analysis Date: 4/25/2008	SeqNo: 1446403							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	0.821	0.050	1.000	0	82.1	43	105				
Surr: p-Terphenyl	0.077		0.08000		95.7	37	134				

Sample ID: MB-45230	SampType: MS	TestCode: 8015_W_DM_ Units: mg/L	Prep Date: 4/25/2008	RunNo: 93911							
Client ID: ZZZZZZ	Batch ID: 45230	TestNo: EPA 8015B(M EPA 3510C	Analysis Date: 4/25/2008	SeqNo: 1446404							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	1.020	0.050	1.000	0	102	43	105				
Surr: p-Terphenyl	0.094		0.08000		117	37	134				

Sample ID: MB-45230	SampType: MSD	TestCode: 8015_W_DM_ Units: mg/L	Prep Date: 4/25/2008	RunNo: 93911							
Client ID: ZZZZZZ	Batch ID: 45230	TestNo: EPA 8015B(M EPA 3510C	Analysis Date: 4/25/2008	SeqNo: 1446405							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	0.894	0.050	1.000	0	89.4	43	105	1.020	13.2	20	
Surr: p-Terphenyl	0.081		0.08000		102	37	134		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
 Work Order: 098436
 Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID: D042508MB2	SampType: MBLK	TestCode: 8015_W_GP	Units: mg/L	Prep Date:	RunNo: 93903						
Client ID: PBW	Batch ID: D08VW023	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Bromofluorobenzene (FID)	98.344		100.0		98.3	76	127				

Sample ID: D042508MB2MS	SampType: MS	TestCode: 8015_W_GP	Units: mg/L	Prep Date:	RunNo: 93903						
Client ID: ZZZZZZ	Batch ID: D08VW023	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.866	0.050	1,000	0	86.6	77	122				
Surr: Bromofluorobenzene (FID)	110.104		100.0		110	76	127				

Sample ID: D042508MB2MSD	SampType: MSD	TestCode: 8015_W_GP	Units: mg/L	Prep Date:	RunNo: 93903						
Client ID: ZZZZZZ	Batch ID: D08VW023	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446261						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.880	0.050	1,000	0	86.0	77	122	0.8660	0.695	20	
Surr: Bromofluorobenzene (FID)	109.234		100.0		109	76	127		0	0	

Sample ID: D042508LCS1	SampType: LCS	TestCode: 8015_W_GP	Units: mg/L	Prep Date:	RunNo: 93903						
Client ID: LCSW	Batch ID: D08VW023	TestNo: EPA 8015B(M)		Analysis Date: 4/25/2008	SeqNo: 1446270						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.948	0.050	1,000	0	94.8	77	122				
Surr: Bromofluorobenzene (FID)	119.186		100.0		119	76	127				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
 Work Order: 098436
 Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_BTEX

Sample ID: E080425MB1	SampType: MBLK	TestCode: 8021_S_BTE	Units: µg/Kg	Prep Date:	RunNo: 93896						
Client ID: PBS	Batch ID: E08VS117	TestNo: EPA 8021B		Analysis Date: 4/25/2008	SeqNo: 1446038						
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									
m,p-Xylene	ND	10									
o-Xylene	ND	5.0									
Toluene	1.790	5.0									
Sum: Bromofluorobenzene (PID)	109.744		100.0		110	71	139				

Sample ID: 098430-038AMS	SampType: MS	TestCode: 8021_S_BTE	Units: µg/Kg	Prep Date:	RunNo: 93896						
Client ID: ZZZZZZ	Batch ID: E08VS117	TestNo: EPA 8021B		Analysis Date: 4/25/2008	SeqNo: 1446038						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	30.702	5.0	35.75	0	85.9	39	113				
Ethylbenzene	40.202	5.0	49.65	0	81.0	38	112				
m,p-Xylene	168.999	10	199.6	0	84.7	42	110				
o-Xylene	62.325	5.0	78.40	0	79.5	35	100				
Toluene	160.387	5.0	172.2	2.172	91.9	50	110				
Sum: Bromofluorobenzene (PID)	113.957		100.0		114	71	139				

Sample ID: 098430-038AMSD	SampType: MSD	TestCode: 8021_S_BTE	Units: µg/Kg	Prep Date:	RunNo: 93896						
Client ID: ZZZZZZ	Batch ID: E08VS117	TestNo: EPA 8021B		Analysis Date: 4/25/2008	SeqNo: 1446038						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	30.095	5.0	35.75	0	84.2	39	113	30.70	2.00	20	
Ethylbenzene	34.167	5.0	49.65	0	88.8	38	112	40.20	16.2	20	
m,p-Xylene	162.348	10	199.6	0	81.4	42	110	169.0	4.01	20	
o-Xylene	56.990	5.0	78.40	0	72.7	35	100	62.32	8.94	20	
Toluene	158.280	5.0	172.2	2.172	90.6	50	110	160.4	1.32	20	
Sum: Bromofluorobenzene (PID)	110.898		100.0		111	71	139		0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_BTEX

Sample ID: E080425LCS2	SampType: LCS	TestCode: 8021_S_BTE	Units: µg/Kg	Prep Date:	RunNo: 93896						
Client ID: LCSS	Batch ID: E08VS117	TestNo: EPA 8021B		Analysis Date: 4/26/2008	SeqNo: 1446058						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	108.812	5.0	100.0	0	109	81	115				
Ethylbenzene	109.411	5.0	100.0	0	109	82	116				
m,p-Xylene	225.411	10	200.0	0	113	83	120				
o-Xylene	111.908	5.0	100.0	0	112	84	120				
Toluene	112.492	5.0	100.0	1.790	111	82	118				
Surr: Bromofluorobenzene (PID)	113.372		100.0		113	71	139				

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
 Work Order: 098436
 Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_BTEX

Sample ID: 098482-001AMS		SampType: MS		TestCode: 8021_S_BTE		Units: µg/Kg		Prep Date:		RunNo: 93984	
Client ID: ZZZZZZ		Batch ID: E08VS120		TestNo: EPA 8021B				Analysis Date: 4/29/2008		SeqNo: 1447755	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	30.964	5.0	35.75	0	86.6	39	113				
Ethylbenzene	34.518	5.0	49.65	0	69.5	38	112				
m,p-Xylene	157.636	10	199.6	0	79.0	42	110				
o-Xylene	60.972	5.0	78.40	0	77.8	35	100				
Toluene	156.561	5.0	172.2	0	90.9	50	110				
Surr: Bromofluorobenzene (PID)	117.368		100.0		117	71	139				

Sample ID: 098482-001AMSD		SampType: MSD		TestCode: 8021_S_BTE		Units: µg/Kg		Prep Date:		RunNo: 93984	
Client ID: ZZZZZZ		Batch ID: E08VS120		TestNo: EPA 8021B				Analysis Date: 4/29/2008		SeqNo: 1447756	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	29.306	5.0	35.75	0	82.0	39	113	30.96	5.50	20	
Ethylbenzene	33.316	5.0	49.65	0	67.1	38	112	34.52	3.54	20	
m,p-Xylene	157.344	10	199.6	0	78.8	42	110	157.6	0.185	20	
o-Xylene	61.789	5.0	78.40	0	78.8	35	100	60.97	1.33	20	
Toluene	149.445	5.0	172.2	0	86.8	50	110	156.6	4.85	20	
Surr: Bromofluorobenzene (PID)	118.670		100.0		119	71	139		0	20	

Sample ID: E080429MB2		SampType: MBLK		TestCode: 8021_S_BTE		Units: µg/Kg		Prep Date:		RunNo: 93984	
Client ID: PBS		Batch ID: E08VS120		TestNo: EPA 8021B				Analysis Date: 4/29/2008		SeqNo: 1447799	
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									
m,p-Xylene	ND	10									
o-Xylene	ND	5.0									
Toluene	ND	5.0									
Surr: Bromofluorobenzene (PID)	107.863		100.0		108	71	139				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_BTEX

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	106.934	5.0	100.0	0	107	81	115				
Ethylbenzene	110.767	5.0	100.0	0	111	82	116				
m,p-Xylene	225.172	10	200.0	0	113	83	120				
o-Xylene	113.607	5.0	100.0	0	114	84	120				
Toluene	108.981	5.0	100.0	0	109	82	118				
Surr: Bromofluorobenzene (PID)	113.346		100.0		113	71	139				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |

CLIENT: Geocon Consultants, Inc.
Work Order: 098436
Project: DGC Soil & GW Investigation, E8448-06-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_WP_BTEX

Sample ID: D042508MB2	SampType: MBLK	TestCode: 8021_WP_BT	Units: µg/L	Prep Date:	RunNo: 93903						
Client ID: PBW	Batch ID: D08VW023	TestNo: EPA 8021B		Analysis Date: 4/25/2008	SeqNo: 1446301						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	ND	0.50									
Toluene	0.482	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
o-Xylene	ND	0.50									
Surr: Bromofluorobenzene (PID)	86.723		100.0		86.7	82	136				

Sample ID: D042508LCS2	SampType: LCS	TestCode: 8021_WP_BT	Units: µg/L	Prep Date:	RunNo: 93903						
Client ID: LCSW	Batch ID: D08VW023	TestNo: EPA 8021B		Analysis Date: 4/25/2008	SeqNo: 1446308						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	92.470	0.50	100.0	0	92.5	59	129				
Toluene	96.784	0.50	100.0	0.4820	96.3	68	122				
Ethylbenzene	99.362	0.50	100.0	0	99.4	64	128				
m,p-Xylene	196.174	1.0	200.0	0	98.1	71	124				
o-Xylene	98.174	0.50	100.0	0	98.2	62	124				
Surr: Bromofluorobenzene (PID)	93.043		100.0		93.0	82	136				

Qualifiers:

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|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |