



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

January 14, 2016

BJP ROF Jordan Ranch LLC  
c/o Ravi Nandwana  
5000 Hopyard Road #170  
Pleasanton, CA 94588-3349  
(Sent via E-mail to: [Ravi@missionvalleyhomes.com](mailto:Ravi@missionvalleyhomes.com))

First American Title Guaranty Company ETAL  
c/o Dolores Jordan and Curtis Williams  
537 Grove Way  
Castro Valley, CA 94541-2503

Subject: Case Closure for SCP Case No. RO0002918 and GeoTracker Global ID T06019797353, Jordan Ranch, 4233 Fallon Road, Dublin, CA 94568

Dear Mr. Nandwana, Ms. Jordan, and Mr. Williams:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Site Cleanup Program (SCP) case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's GeoTracker website (<http://geotracker.waterboards.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

If you have any questions, please call Jerry Wickham at (510) 567-6791.

Sincerely,

A handwritten signature in blue ink that reads "Dilan Roe".

Dilan Roe, P.E.  
LOP and SCP Program Manager

Enclosure: Case Closure Summary

cc: Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551  
(Sent via E-mail to: [cwiney@zone7water.com](mailto:cwiney@zone7water.com))

Jeff Baker, Assistant Community Development Director, City of Dublin, (Sent via E-mail to: [jeff.baker@dublin.ca.gov](mailto:jeff.baker@dublin.ca.gov))

Responsible Parties  
RO0002918  
January 14, 2016  
Page 2

Morgan Johnson, Engeo, Incorporated, 2213 Plaza Drive, Rocklin, CA 95765 (*Sent via E-mail to: [mjohnson@engeo.com](mailto:mjohnson@engeo.com)*)

Shawn Munger, Engeo, Incorporated, 2010 Crow Canyon Place, Suite 250, San Ramon, CA 94583  
(*Sent via E-mail to: [smunger@engeo.com](mailto:smunger@engeo.com)*)

Dilan Roe, ACEH (*Sent via E-mail to: [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org)*)

Jerry Wickham, ACEH (*Sent via E-mail to: [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org)*)

GeoTracker, eFile

**CASE CLOSURE SUMMARY  
SITE CLEANUP PROGRAM**

**I. AGENCY INFORMATION**

Date: January 4, 2016

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

**II. CASE INFORMATION**

Site Facility Name: Jordan Ranch		
Site Facility Address: 4233 Fallon Road, Dublin, CA 94568		
RB Case No.: ----	Previous Case STiD No.: ----	LOP Case No.: RO0002918
GeoTracker ID: T06019797353	APN: 985-98-6 and 985-98-8	
Current Land Use: Vacant expected to be redeveloped to residential		
Responsible Parties	Addresses	Phone Numbers
BJP ROF Jordan Ranch LLC c/o Ravi Nandwana	5000 Hopyard Road #170 Pleasanton, CA 94588-3349	No Phone Number
First American Title Guaranty Company ETAL c/o Dolores Jordan and Curtis Williams	537 Grove Way Castro Valley, CA 94541-2503	No Phone Number

This Case Closure Summary along with the Case Closure Transmittal letter provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.waterboards.ca.gov>). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

### III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Fuel leaks from underground storage tank and insecticide spill to shallow soil		
Primary constituents of concern: Gasoline and toxaphene		
Areas of site investigated for this case: Area of underground storage tank and area of former barn		
Remediation attempted or completed: Excavations in area of releases		
Number of monitoring wells installed: 9	Number of monitoring wells destroyed: 0	Number of monitoring wells remaining: 9
Highest Groundwater Depth Below Ground Surface: 7.37 feet bgs	Lowest Depth: 18.58 feet bgs	Flow Direction: South
Most Sensitive Current Groundwater Use: Drinking water source		

Summary of Production Wells in Vicinity: No water supply wells are located within 1,500 feet of the site.	
Are drinking water wells affected? No	Aquifer Name: Tassajara Formation north of Livermore-Amador Basin
Is surface water affected? No	Nearest Surface Water Name: A pond and wetland area is approximately 160 feet east southeast of the former USTs. A stormwater detention pond is approximately 500 feet south of the former USTs.

**LTCP GROUNDWATER SPECIFIC CRITERIA**

**LTCP Groundwater Specific Scenario under which case was closed: Scenario 5**

Site Data		LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	Estimated 500 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Stable or Decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	>1,000 feet	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	Likely below pond/wetland	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable	Not applicable	Not applicable	Yes	Not applicable

**GROUNDWATER CONCENTRATIONS**

Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)	LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Benzene	24,000	110	No criteria	3,000	No criteria	1,000
MTBE	7,000	33	No criteria	1,000	No criteria	1,000

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?

Yes

Comments: A plume of dissolved petroleum hydrocarbons extends from the former UST area to a pond/wetland area approximately 160 feet east southeast of the former USTs. A grab groundwater sample (B-31), collected within the plume approximately 40 feet upgradient from the pond in January 2013, contained Total Petroleum Hydrocarbons as gasoline and benzene at concentrations of 26,000 and 15 µg/L, respectively. Two monitoring wells (MW-6A and MW-6B) were subsequently installed between grab groundwater location B-31 and the pond to intersect the plume. During three groundwater sampling events between November 2013 and June 2014, TPHg was detected at a maximum concentration of 160 µg/L. Benzene was not detected at concentrations above reporting limits during the three sampling events. During the most recent sampling event on June 18, 2014, no dissolved petroleum hydrocarbon constituents were detected at concentrations above the reporting limit. The plume appears to be below the base of the pond near the point where the plume is projected to reach the pond. Based on the groundwater monitoring results from MW-6A and MW-6B and the vertical location of the plume below the base of the pond, the pond is not expected to be significantly impacted by the plume.

**LTCP VAPOR SPECIFIC CRITERIA**

**LTCP Vapor Specific Scenario under which case was closed: Scenario 4 with a Bioattenuation Zone**

Active Fueling Station    No

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	Likely >5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	110 ppb	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	≥4% at lower end of zone	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	5 to 6 feet	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

**SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS**

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum (µg/m³)	Current Maximum (µg/m³)	Residential	Commercial	Residential	Commercial
Benzene	180	<1.6	<85	<280	<85,000	<280,000
Ethylbenzene	41	<2.2	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	<5.3	<5.3	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?

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If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

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**LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA**

**LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below,**

Are maximum concentrations less than those in Table 1 below?

Yes

Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 10 feet bgs (ppm)
Site Maximum	Benzene	0.006	<0.005	0.006	<0.005	0.006
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	0.009	9.6	0.009	9.6	9.6
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	----	<0.005	----	<0.005	<0.005
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?				----		
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?				----		

**IV. CLOSURE**

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
<p><b>Site Management Requirements:</b> This case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary unless excavation below a depth of 5 feet from current ground surface is planned. If excavation or foundation construction is to extend more than 5 feet below the current ground surface, Alameda County Environmental Health (ACEH) must be notified. ACEH will re-evaluate the site relative to the proposed redevelopment plans.</p>	
Should corrective action be reviewed if land use changes? No. However, see the Site Management Requirements regarding excavation or foundation construction below a depth of 5 feet from current ground surface.	
Was a deed restriction or deed notification filed? No	Date Recorded: ----

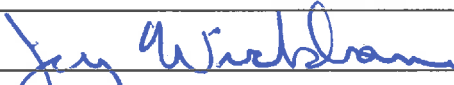


**V. ADDITIONAL COMMENTS AND CONCLUSION**

**Additional Comments:**

The insecticide toxaphene was detected at a concentration of 36 mg/kg in a surface soil sample (Barn SS-7; 0 to 6 inches) collected in the area of a former barn. The Environmental Screening Level (San Francisco Bay Regional Water Quality Control Board; December 2013) for toxaphene for residential land use is 0.46 mg/kg. Toxaphene was not detected at concentrations above a reporting limit of 0.04 mg/kg in four additional step-out soil samples collected around prior sampling location SS-7. In August 2014, soil was excavated to a depth of 12 inches over a 20 by 20 foot area centered on sampling location SS-7. Approximately 29 tons of excavated soil was disposed off-site at Clean Harbors Buttonwillow Disposal Facility. Confirmation soil samples collected from the base of the excavation did not contain toxaphene at concentrations above reporting limits.

Petroleum-impacted soil within the area of the former UST and dispenser was excavated in September 2011. Approximately 450 cubic yards of soil that was excavated between 5 feet below ground surface and the base of the excavation was spread in an ex-situ treatment cell and treated using a bioaugmentation process. Following the bioaugmentation treatment, 18 soil samples were collected from the soil stockpile. Two of the soil samples contained Total Petroleum Hydrocarbons as diesel (TPHd) at concentrations above the cleanup goal of 100 mg/kg. Approximately 30 cubic yards of soil was excavated from the area of the two locations that exhibited TPHd concentrations above the cleanup goal and was disposed off-site at Hay Road Landfill. On October 26, 2015, approximately 420 cubic yards of the remaining soil stockpile was excavated and disposed off-site. TPH as motor oil (TPHmo) was detected at concentrations exceeding the cleanup goal of 100 milligrams per kilogram in two of the confirmation soils collected at the base of the soil stockpile following excavation and removal. Further excavation and step-out sampling was conducted on November 16, 2015 and November 23, 2015, to remove soils containing residual TPHmo at concentrations above the cleanup goal. The excavation and removal of soil containing TPHmo at concentrations above the cleanup goal was completed on November 25, 2015. The excavations of the stockpile and soil at the base of the stockpile resulted in disposal of approximately 796 tons of impacted soil at Vasco Road Landfill in Livermore.

**VI. LOCAL AGENCY REPRESENTATIVE DATA**

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 1/8/2016
Approved by:  Dian Roe	Title: LOP and SCP Program Manager
Signature: 	Date: 1/8/2016



## VII. REGIONAL BOARD AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: December 30, 2014	
Public Notification Date: December 30, 2014	

### Attachments:

1. Site Vicinity Map (1 p)
2. Site Plans (4 pp)
3. Groundwater Contour and Chemical Concentration Maps (5 pp)
4. Soil and Soil Vapor Analytical Data (11 pp)
5. Groundwater Analytical Data (3 pp)
6. Soil and Groundwater Analytical Data 2012-2013 Assessment (39 pp)
7. Concentration Graphs (3 pp)
8. Groundwater Investigation Map (1 p)

# ATTACHMENT 1

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BASE MAP SOURCE: GOOGLE EARTH



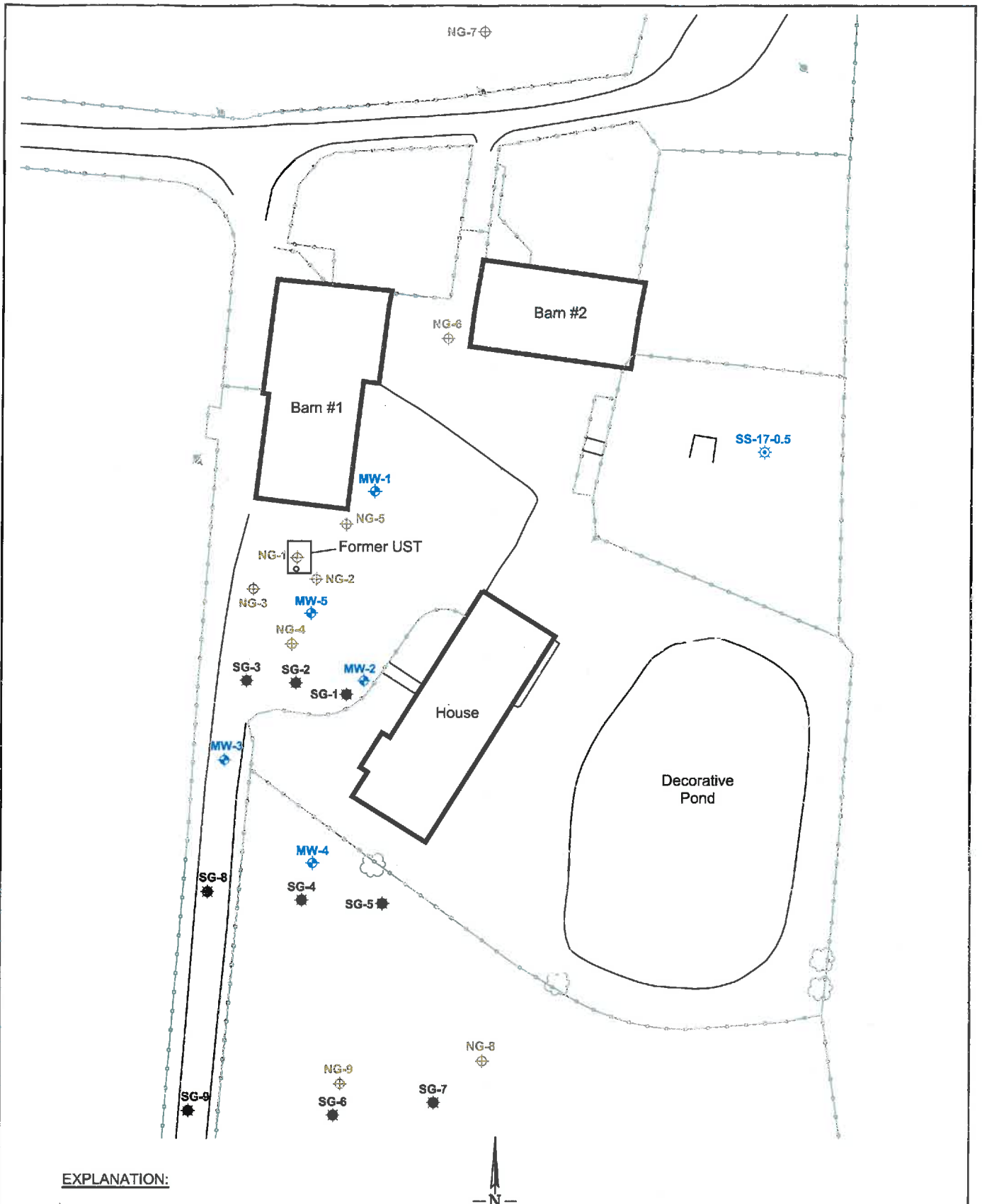
VICINITY MAP  
JORDAN RANCH - PARCEL H  
DUBLIN, CALIFORNIA

PROJECT NO.: 7828.000.001	
DATE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SM

FIGURE NO.  
**1**





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# ATTACHMENT 2

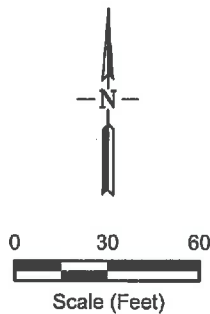


E:\Projects\1152\1152\_04 Jordan Ranch II\Fluores\Fluores 2-24.dwg Layout: Fluores 2-24.dwg Jun 05 2006 10:03:26am

**EXPLANATION:**

-  Boring location
-  Groundwater monitoring well
-  Soil gas sample location
-  Shallow soil sample

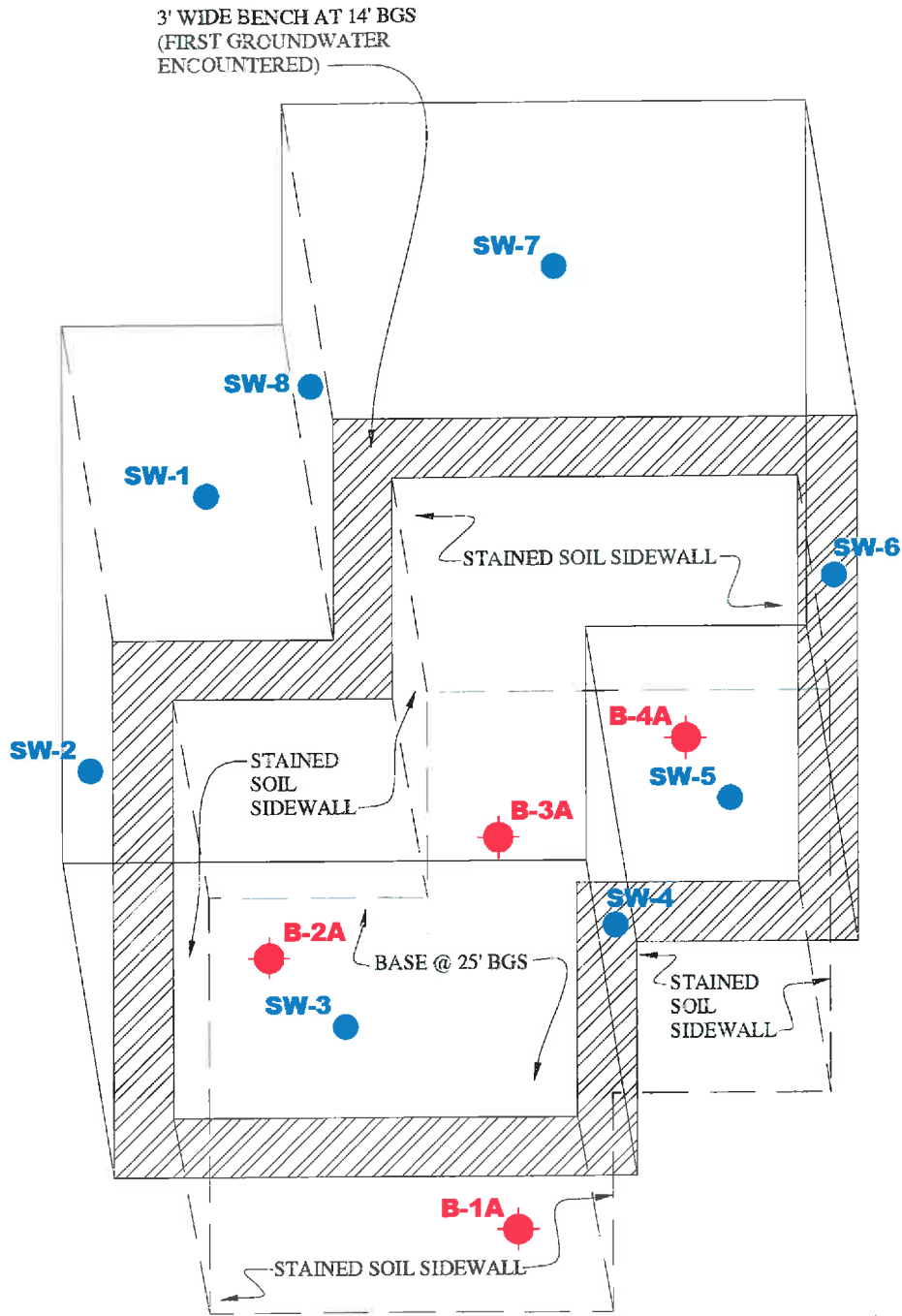
Note: Entire site not shown.



**FIGURE 3**  
**Boring Locations**

Jordan Ranch  
Dublin, California

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**EXPLANATION**

- B-4A** APPROXIMATE LOCATION OF BASE SAMPLE COLLECTED AT 25' BGS
- SW-8** APPROXIMATE LOCATION OF SIDEWALL SAMPLE COLLECTED AT 8' BGS



**EXCAVATION VERTICAL PROFILE**  
**JORDAN RANCH**  
**DUBLIN, CALIFORNIA**

PROJECT NO: 7828.000.001

SCALE: AS SHOWN

DRAWN BY: SRP

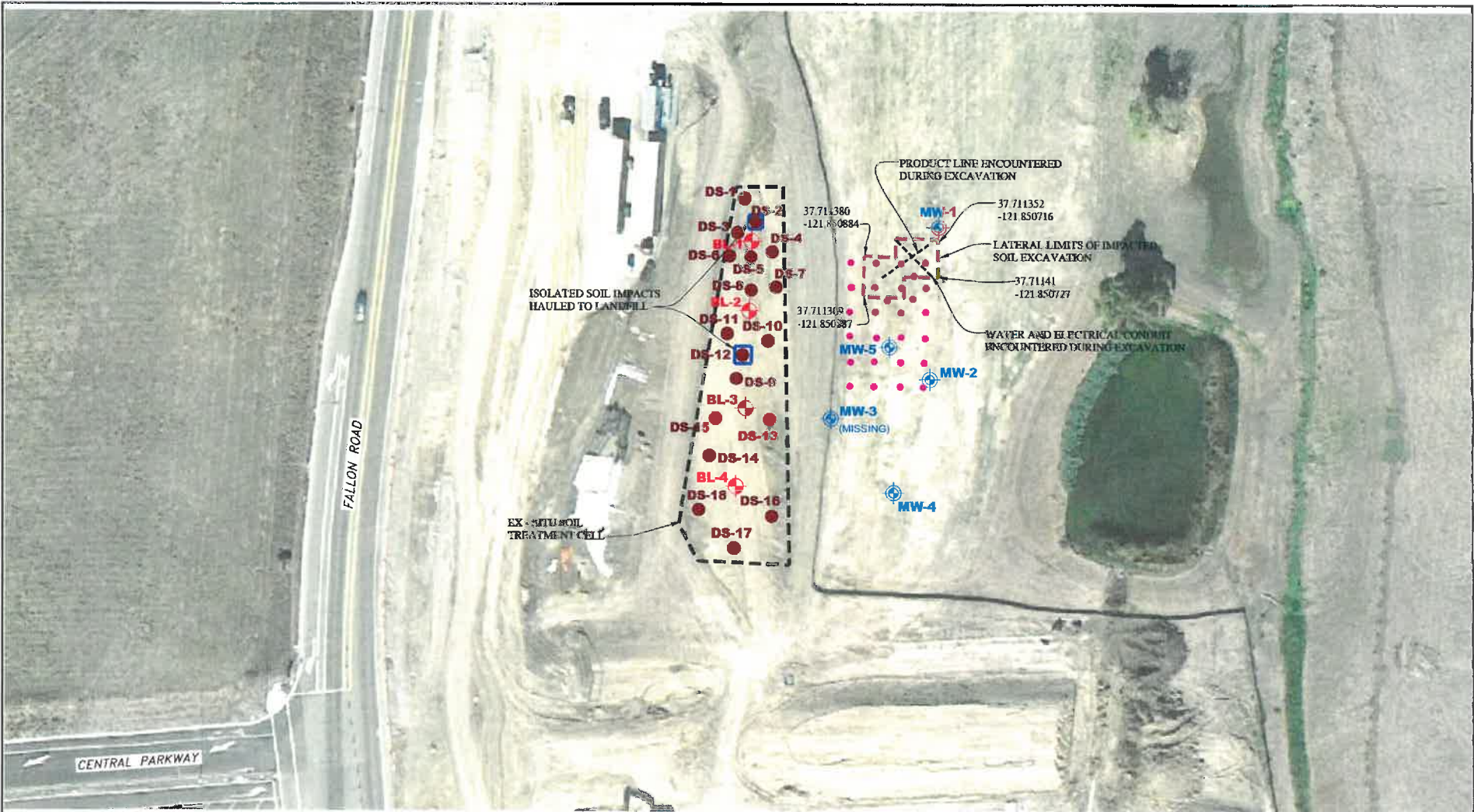
CHECKED BY:

FIGURE NO.

3

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**EXPLANATION**

- MW-5** APPROXIMATE LOCATION OF MONITORING WELL
- DS-18** APPROXIMATE LOCATION OF CONFIRMATION SOIL SAMPLE
- APPROXIMATE LOCATION OF INJECTION POINT
- BL-4** APPROXIMATE LOCATION OF PRE-BIOAUGMENTATION SAMPLE



BASE MAP SOURCE: GOOGLE EARTH, 2011



SITE PLAN  
 JORDAN RANCH  
 DUBLIN, CALIFORNIA

PROJECT NO: 7828.000.001  
 SCALE: AS SHOWN  
 DRAWN BY: SRP    CHECKED BY: SM

FIGURE NO:  
2

ORIGINAL FIGURE PRINTED IN COLOR

© V:\drafting\URAF\94221\_02\7828\000\DW-4DW-100\92\7828000001-3-SitePlan-0513.dwg Plot Date 5-18-12 4:01pm

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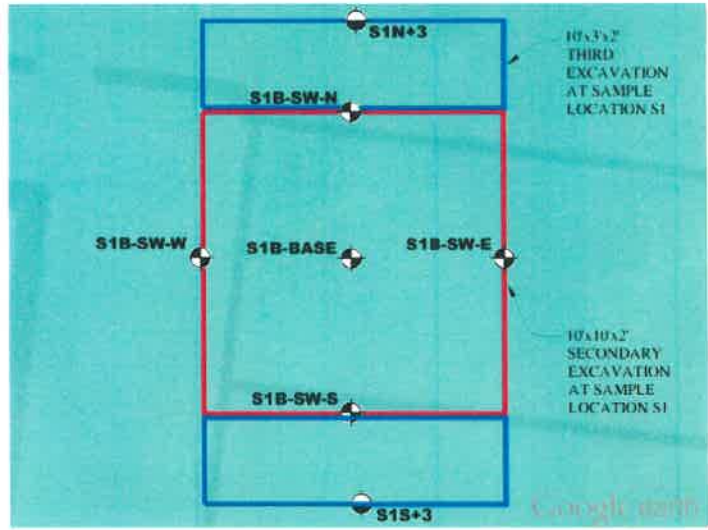
**SITE PLAN**



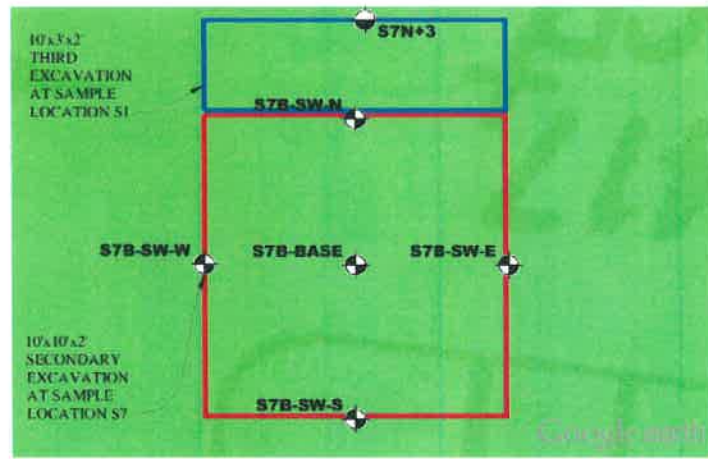
**EXPLANATION**

ALL LOCATIONS ARE APPROXIMATE

- LIMITS OF EXCAVATION
- STEP OUT SAMPLE (ENGEQ, 11/23/2015)
- BORING SAMPLE (ENGEQ, 11/16/2015)
- BORING SAMPLE (ENGEQ, 10/26/2015)
- AREA EXCAVATED APPROXIMATELY 0.75' BGS PRIOR TO SAMPLING
- AREA EXCAVATED APPROXIMATELY 1' BGS PRIOR TO SAMPLING
- AREA EXCAVATED APPROXIMATELY 1.75' BGS PRIOR TO SAMPLING



**INSET 1**  
1"=4'



**INSET 2**  
1"=4'

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE & R/A, 2014



**SITE PLAN**  
JORDAN RANCH  
DUBLIN, CALIFORNIA

PROJECT NO: 7826.000101	FIGURE NO:
SHEET AS SHOWN	<b>2</b>
DRAWN BY: LL	CHECKED BY: SM

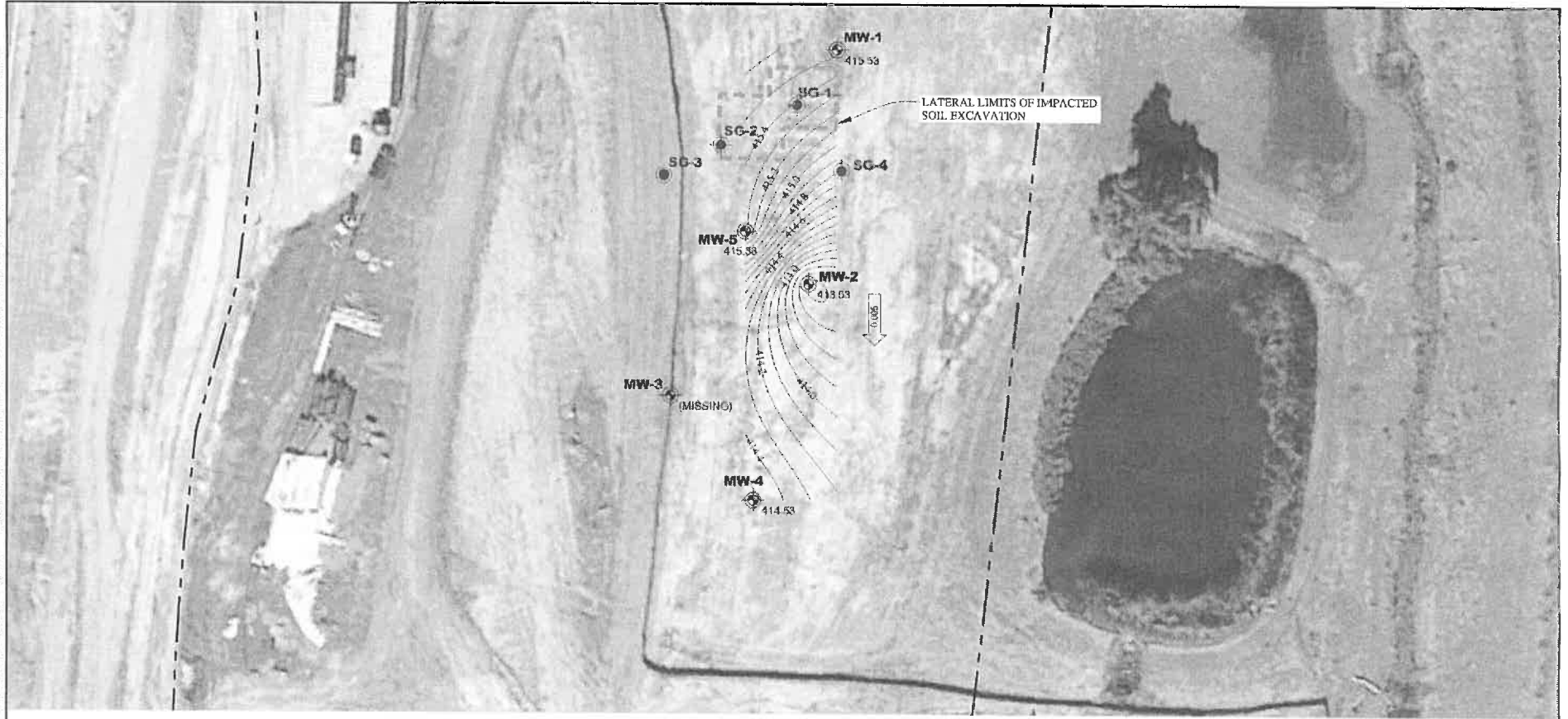





# ATTACHMENT 3



- EXPLANATION**
- MW-1 to MW-7: LOCATION OF MONITORING POINTS MEASURING WATER LEVELS IN PORE AND HEAD SPACE
  - PB-1 to PB-4: LOCATION OF PNEUMATIC PNEUMOMETERS
  - : DIRECTION OF WATER FLOW


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- EXPLANATION**
- MW-5**  411.80 APPROXIMATE LOCATION OF MONITORING WELL
  - SG-4**  APPROXIMATE LOCATION OF SOIL GAS WELL
  -  0.005 GROUNDWATER FLOW DIRECTION



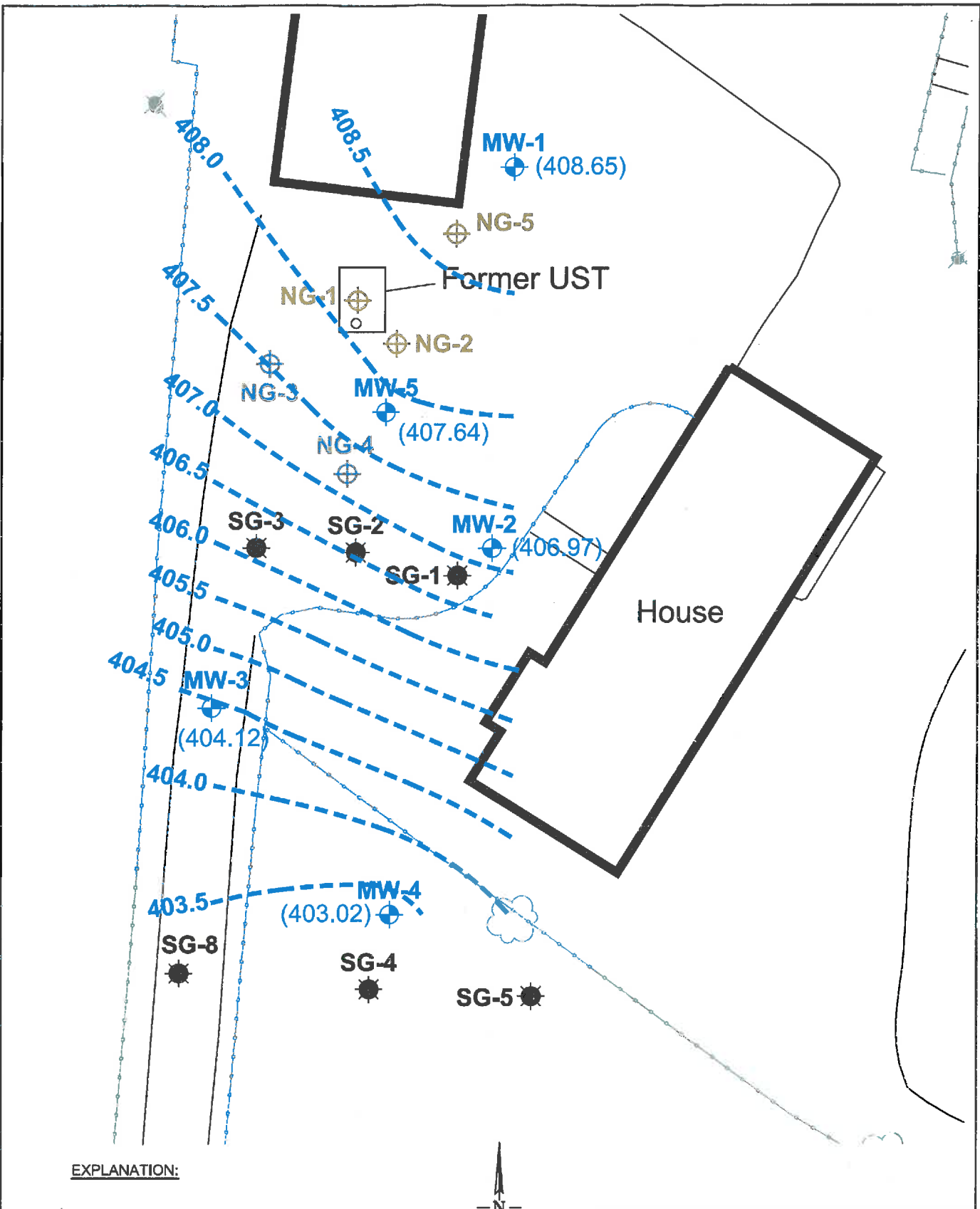
BASE MAP SOURCE: GOOGLE EARTH, ST. ANTON

	GROUNDWATER ELEVATION CONTOUR MAP - FEBRUARY 2013		PROJECT NO.: 7828.000.001	FIGURE NO.
	JORDAN RANCH - PARCEL H		SCALE: AS SHOWN	2
	DUBLIN, CALIFORNIA		DRAWN BY: SRP	

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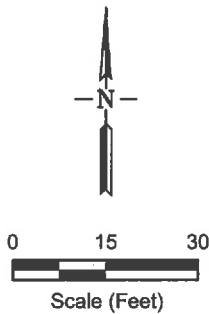
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**EXPLANATION:**

- ⊕ Boring location
- ⊕ Groundwater monitoring well
- ☀ Soil gas sample location
- Groundwater contour

Note: Entire site not shown.



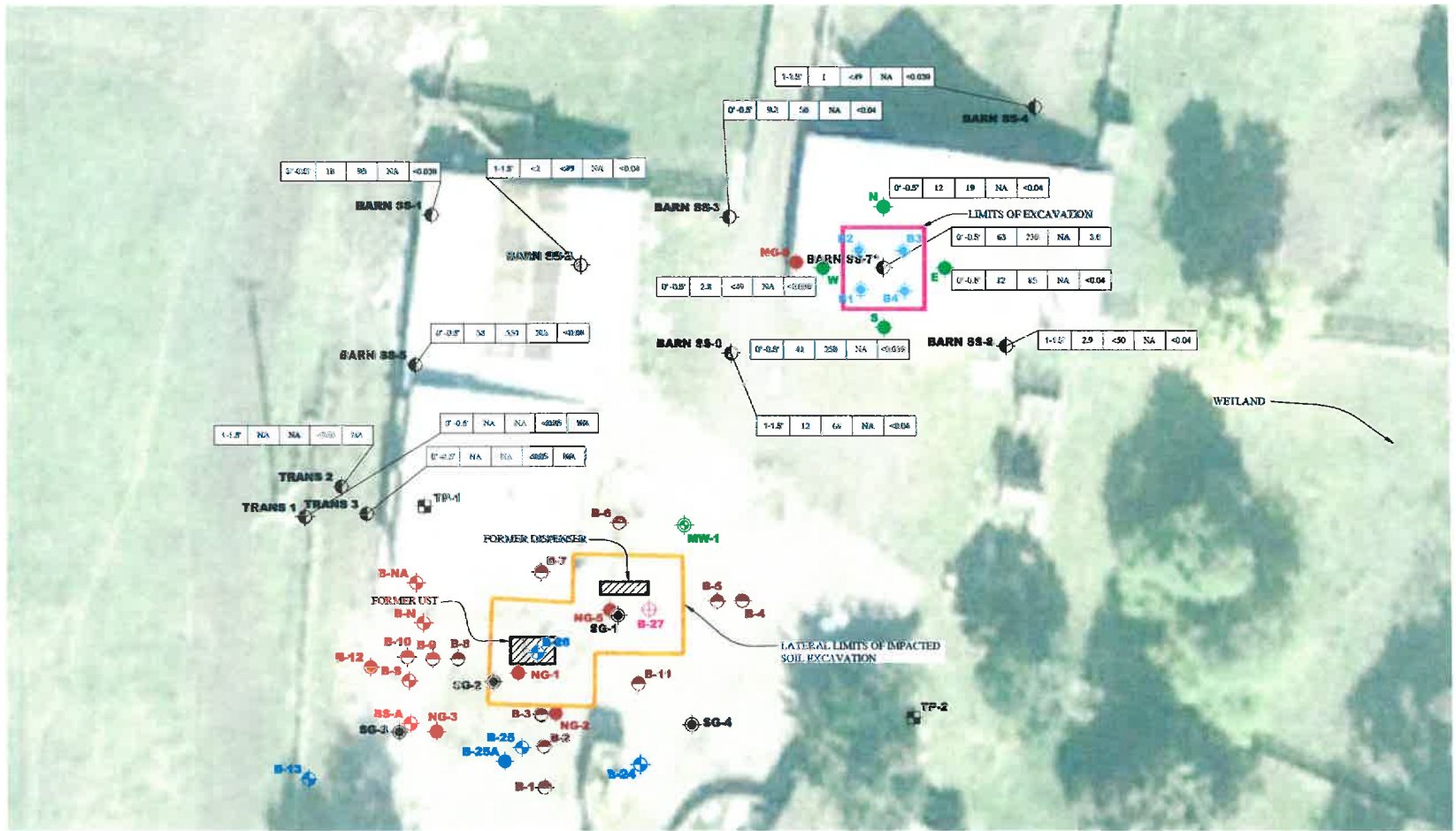
**FIGURE 4**  
**Groundwater Flow Map**

Jordan Ranch  
Dublin, California



Project No. 1152.02

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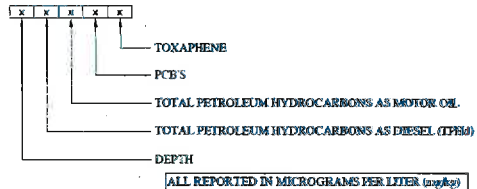


**EXPLANATION**

ALL LOCATIONS ARE APPROXIMATE

- MONITORING WELL LOCATION (OCTOBER 2012)
- PROPOSED GRAB GROUNDWATER SAMPLE LOCATION
- GRAB GROUNDWATER SAMPLE SURVEYED WITH GPS LOCATION (ENGE0 2012/2013)
- GRAB GROUNDWATER SAMPLE LOCATION (NEMA, 2006)
- GRAB GROUNDWATER SAMPLE LOCATION (OCES, 2006)
- SOIL AND GRAB GROUNDWATER SAMPLE LOCATION (ENGE0 2002/2013)
- GRAB SOIL SAMPLE LOCATION
- SURFACE SOIL SAMPLE LOCATION (ENGE0, 9-2013)
- SOIL SAMPLE ONLY LOCATION (ENGE0, 2012/2013)

- SOIL BORING FOR SOIL SAMPLING AND PID SCREENING LOCATION (ENGE0, 2012)
- SOIL GAS WELL LOCATION
- STEP OUT SOIL SAMPLE (ENGE0, 7-2014)
- CONFIRMATION SOIL SAMPLES COLLECTED FROM EXCAVATION BASE (ENGE0, 8-2014)



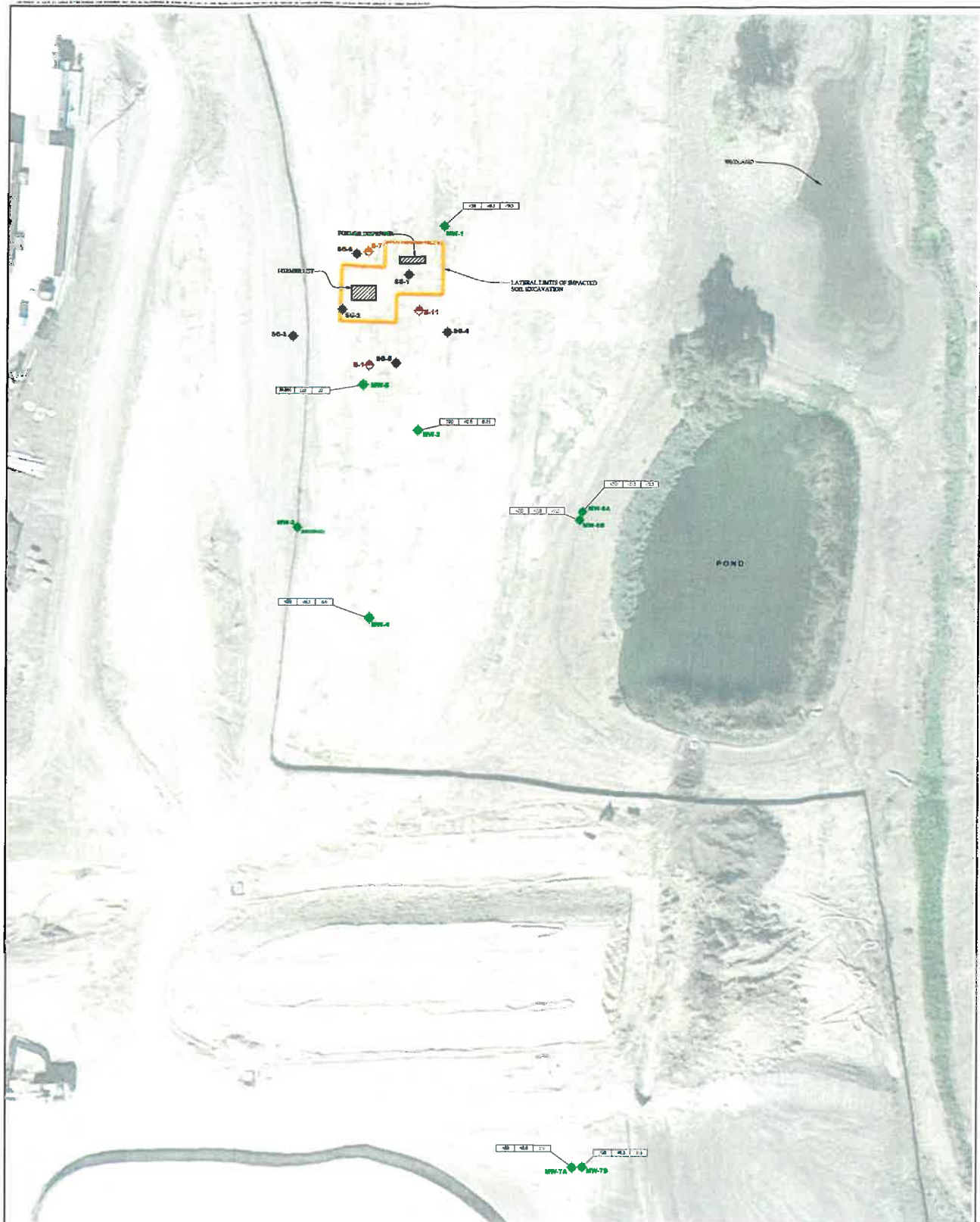
\* SAMPLE LOCATION EXCAVATED

BASE MAP SOURCE: GOOGLE EARTH PRO, 2008



	SOIL EXCAVATION MAP	PROJECT NO: 7828.008.001	ISSUE NO:
	JORDAN RANCH - PARCEL B	SCALE: AS SHOWN	2
DUBLIN, CALIFORNIA	DRAWN BY: SRP	CHECKED BY: SM	

ORIGINAL PLOTTED BY: C004



**EXPLANATION**  
 SEE TYPICAL OF APPROPRIATE

- MW-78 LOCATION OF MONITORING WELL
- LOCATION OF MONITORING WELL
- ACTIVE LIMIT
- MONITORING LIMIT
- OPEN LIMIT
- (100 FT) MONITORING PERMIT LIMIT
- LOCATION OF FRODOG AREA WELL



# ATTACHMENT 4

**TABLE 4**  
**Soil Sample Analytical Results—Petroleum Hydrocarbons**

<b>Boring Number and Sample Depth in Feet</b>	<b>TPH-d (mg/kg)</b>	<b>TPH-g (mg/kg)</b>	<b>Benzene (mg/kg)</b>	<b>Toluene (mg/kg)</b>	<b>Ethyl-benzene (mg/kg)</b>	<b>Xylenes (mg/kg)</b>	<b>MTBE (mg/kg)</b>
NG-1-14.5	340*	700	0.56	16	9	56	0.96
NG-1-19.5	49*	670	1.2	13	7	40	0.72
NG-2-4.5	<10	<0.5	<0.005	<0.020	<0.005	0.0268	<0.020
NG-2-9.5	<10	<0.5	<0.005	<0.020	<0.005	0.0268	<0.020
NG-2-14.5	<10	<0.5	<0.005	<0.020	<0.005	0.0000	<0.020
NG-2-18.5	<10	1.3	0.005	0.0089	<0.005	0.0231	<0.020
NG-2-24.5	<10	2.2	0.59	0.049	0.038	0.041	0.21
NG-3-4.5	<10	<0.5	<0.005	0.014	<0.005	0.0223	<0.020
NG-3-9.5	<10	<0.5	<0.005	0.014	<0.005	0.0223	<0.020
NG-3-14.5	<10	<0.5	<0.005	0.012	<0.005	0.0190	<0.020
NG-3-19.5	<10	590	0.56	0.15	0.99	4.8	<0.020
NG-3-24.5	26*	490	<1	2.9	3.2	24	<4,000
NG-4-4.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-9.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-14.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-19.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-24.5	49*	220	0.15	<20	0.73	3.6	0.11
NG-5-4.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<20
NG-5-9.5	320*	620	<100	1	9.6	61	0.43
NG-5-14.5	210*	760	0.34	22	12	66	<400
NG-5-19.5	200*	1,100	1.8	41	15	77	<4,000
NG-6-4.5	<10	<0.5	0.0059	0.05	0.0091	0.049	<0.020
NG-6-9.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-6-14.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-6-19.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-6-24.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-7-1	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-7-2	<10	<0.5	<0.005	0.015	0.065	0.0193	<0.020
ESL	100 <sup>+</sup>	100 <sup>+</sup>	0.18 <sup>++</sup>	130 <sup>++</sup>	390 <sup>++</sup>	310 <sup>++</sup>	2 <sup>++</sup>

**Note**

mg/k: milligrams per kilogram (parts per million)

TPH-d: Total petroleum hydrocarbons as diesel

TPH-g: Total petroleum hydrocarbons as gasoline

MTBE: Methyl tert-butyl ether

<: Not detected at or above the indicated laboratory method reporting limit

\*: Hydrocarbon represents late gasoline fraction

ESL: RWQCB Environmental Screening Level for residential land use

+: ESL based on direct contact

++: ESL based on potential impacts to indoor air quality



**TABLE 1**  
**Shallow Soil Sample Analytical Results—Pesticides and Herbicides**

Sample ID	Sample Depth (feet)	Arsenic (mg/kg)	Lead (mg/kg)	DDT (mg/kg)	DDE (mg/kg)	Chlorinated Herbicides (mg/kg)
SS-01-1.5	1.5	<5.0	5.1	<5.0	<5.0	--
SS-01-0.5	0.5	<5.0	7.2	<5.0	<5.0	ND
SS-02-0.5	0.5	<5.0	12	<5.0	<5.0	--
SS-03-0.5	0.5	<5.0	5.3	<5.0	<5.0	--
SS-03-1.5	1.5	<5.0	<3.0	<5.0	<5.0	--
SS-04-0.5	0.5	<5.0	4.2	<5.0	<5.0	--
SS-05-0.5	0.5	<5.0	5.4	<5.0	<5.0	--
SS-05-1.5	1.5	<5.0	5.4	<5.0	<5.0	--
SS-06-0.5	0.5	<5.0	11	<5.0	<5.0	ND
SS-07-0.5	0.5	<5.0	5.9	<5.0	<5.0	ND
SS-08-0.5	0.5	<5.0	11	<5.0	<5.0	ND
SS-08-1.5	1.5	<5.0	4.3	<5.0	<5.0	--
SS-09-1.5	1.5	<5.0	7.4	<5.0	<5.0	ND
SS-10-0.5	0.5	<5.0	5.8	<5.0	<5.0	ND
SS-11-0.5	0.5	<5.0	9.4	<5.0	<5.0	ND
SS-12-0.5	0.5	<5.0	8.9	<5.0	<5.0	ND
SS-13-0.5	0.5	<5.0	33	<5.0	<5.0	ND
SS-14-0.5	0.5	<5.0	55	<5.0	<5.0	ND
SS-14-1.5	1.5	<5.0	<3.0	<5.0	<5.0	ND
SS-15-0.5	0.5	<5.0	14	<5.0	<5.0	ND
SS-16-0.5	0.5	<5.0	12	<5.0	<5.0	ND
SS-16-1.5	1.5	<5.0	6.5	<5.0	<5.0	ND
SS-17-0.5	0.5	<5.0	29	29	390	--
SS-18-0.5	0.5	<5.0	3.9	<5.0	<5.0	--
SS-18-1.5	1.5	<5.0	3.4	<5.0	<5.0	ND
SS-19-0.5	0.5	<5.0	7	<5.0	<5.0	--
SS-20-0.5	0.5	<5.0	25	<5.0	<5.0	--
SS-20-1.5	1.5	<5.0	5.2	<5.0	<5.0	ND
SS-21-0.5	0.5	<5.0	5.2	<5.0	<5.0	--
SS-22-0.5	0.5	<5.0	<3.0	<5.0	<5.0	--
SS-23-0.5	0.5	<5.0	<3.0	<5.0	<5.0	--
SS-24-0.5	0.5	<5.0	7.4	<5.0	<5.0	--
SS-24-1.5	1.5	<5.0	4.6	<5.0	<5.0	ND
SS-25-0.5	0.5	<5.0	6.3	<5.0	<5.0	--
SS-26-0.5	0.5	<5.0	4.9	<5.0	<5.0	--
SS-27-0.5	0.5	<5.0	4.7	<5.0	<5.0	--
SS-28-0.5	0.5	<5.0	4.9	<5.0	<5.0	--
SS-28-1.5	1.5	<5.0	7.1	<5.0	<5.0	ND
SS-29-0.5	0.5	<5.0	6.9	<5.0	<5.0	--
SS-30-0.5	0.5	<5.0	5.8	<5.0	<5.0	--
SS-31-0.5	0.5	<5.0	4.5	<5.0	<5.0	--
SS-31-1.5	1.5	<5.0	6.6	<5.0	<5.0	ND
SS-32-0.5	0.5	<5.0	5	<5.0	<5.0	--
SS-33-0.5	0.5	<5.0	10	<5.0	<5.0	ND
SS-33-1.5	1.5	<5.0	4.5	<5.0	<5.0	ND
SS-34-0.5	0.5	<5.0	<3.0	<5.0	<5.0	ND
SS-35-0.5	0.5	<5.0	7.8	<5.0	<5.0	ND
SS-36-0.5	0.5	<5.0	5.3	<5.0	<5.0	ND
CHHSL		0.07*	150	1600	1600	**

**Notes**

-- Not analyzed

\* Or naturally occurring background concentration

\*\* CHHSL varies with specific compound

< Not detected at or above the indicated laboratory method reporting limit  
 CHHSL: California Human Health Screening Level for residential land use (California Environmental Protection Agency, 2005)

mg/kg: micrograms per kilogram (parts per billion)

mg/kg: milligrams per kilogram (parts per million);

ND: Not detected at or above the laboratory method reporting limits. Limit varies with specific compound.



**TABLE 2**  
**Debris Disposal Area Soil Sample Analytical Results**

Analyte	Units	TP1-1,2	TP1-3,4	TP2-1,2	TP2-3,4	TP1-9,5	TP1-Sed	TP2-Sed	CHHSL	ESL	TTLC
TPH as Oil	mg/kg	120	<10	<10	<10	100	<10	<10	--	500	--
TPH as Diesel	mg/kg	40	<10	<10	<10	16	<10	<10	--	100	--
TPH as Gasoline	mg/kg	<10	<10	<10	<10	<0.5	<0.5	<0.5	--	100	--
<b>Volatile Organic Compounds</b>											
Benzene	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	--	0.18	--
Toluene	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	--	130	--
Ethylbenzene	mg/kg	0.0081	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	--	390	--
Xylenes	mg/kg	0.067	<0.004	<0.004	<0.004	<0.01	<0.01	<0.01	--	310	--
Methyl tert-Butyl Ether	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.02	<0.02	<0.02	--	2	--
Isopropylbenzene	mg/kg	0.0041	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
n-Propylbenzene	mg/kg	0.0068	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
1,3,5-Trimethylbenzene	mg/kg	0.017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
1,2,4-Trimethylbenzene	mg/kg	0.044	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
Semi-Volatile Organic Compounds	mg/kg	ND	ND	ND	ND	ND	ND	ND	--	--	--
Organochlorine Pesticides	mg/kg	ND	ND	ND	ND	ND	ND	ND	--	--	--
<b>Chlorinated Herbicides</b>											
Bentazon	mg/kg	0.00533	0.00546	0.00751	0.00649	ND	ND	ND	--	--	--
<b>Metals</b>											
Antimony	mg/kg	<3	<3	<3	<3	<3	<3	<3	30	6.1	500
Arsenic	mg/kg	<5	<5	<5	<5	<5	<5	<5	0.07	5.5	500
Barium	mg/kg	230	260	250	200	130	150	98	5,200	1,000	10,000
Beryllium	mg/kg	<1	<1	<1	<1	<1	<1	<1	150	29	75
Cadmium	mg/kg	<2	<2	<2	<2	<2	<2	<2	1.7	1.7	100
Chromium	mg/kg	17	30	30	20	14	22	10	10,000	58	500
Cobalt	mg/kg	8.7	9.6	9.3	8.5	8.8	8.2	4.2	660	10	8,000
Copper	mg/kg	29	19	11	7.8	13	11	5.4	300	610	2,500
Lead	mg/kg	31	19	11	<3	15	4.6	7.8	150	150	1,000
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	18	3.7	20
Molybdenum	mg/kg	<1	<1	<1	<1	<1	<1	<1	380	76	3,500
Nickel	mg/kg	33	34	30	22	30	30	13	1,600	310	2,000
Selenium	mg/kg	<5	<5	<5	<5	<5	<5	<5	380	76	100
Silver	mg/kg	<2	<2	<2	<2	<2	<2	<2	380	76	500
Thallium	mg/kg	<2	<2	<2	<2	<2	<2	<2	5	1	700
Vanadium	mg/kg	16	15	15	20	11	12	13	530	110	2,400
Zinc	mg/kg	140	120	34	22	49	26	18	23,000	4,600	5,000

Notes  
 --: Not established  
 <: Not detected at or above the indicated laboratory method reporting limit  
 CHHSL: DTSC California Human Health Screening Level for residential land use  
 ESL: RWQCB Environmental Screening Level for residential land use  
 mg/kg: milligrams per kilogram (parts per million)  
 ND: Not detected above the laboratory method reporting limit  
 TPH: total petroleum hydrocarbons  
 TTLC: Total Threshold Limit Concentration for designating a waste as a hazardous waste





TABLE 1  
Surface Soil Analytical Data

Client Sample ID	Date	Sample depth	Location	Chloroethene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethane	cis-1,3-Dichloropropane	Dibromomethane	Dichlorobromomethane	Dichlorodibromomethane	Ethylbenzene	Ethylene Dibromide	Heptachlorobutadiene	Isopropylbenzene	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethane	trans-1,3-Dichloropropane	Trichloroethene	Trichlorofluoromethane	Vinyl acetate	Vinyl chloride	Xylenes, Total			
BARNSS-1@0-6	06/30/13	0-6	North barn area	<5.1	<10	<5.1	<10	<5.1	<5.1	<10	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10		
BARNSS-2@12-18	08/30/13	12-18	North barn area	<4.9	<9.7	<4.9	<9.7	<4.9	<4.9	<9.7	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	
BARNSS-3@0-6	08/30/13	0-6	North barn area	<4.9	<9.9	<4.9	<9.9	<4.9	<4.9	<9.9	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9
BARNSS-4@12-18	06/30/13	12-18	North barn area	<4.9	<9.7	<4.9	<9.7	<4.9	<4.9	<9.7	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9
BARNSS-5@0-6	08/30/13	0-6	North barn area	<5.0	<9.9	<5.0	<9.9	<5.0	<5.0	<9.9	<5.0	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.7
BARNSS-6@12-18	08/30/13	12-18	North barn area	<4.8	<9.7	<4.8	<9.7	<4.8	<4.8	<9.7	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8	<4.8	<9.7	<9.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.7
BARNSS-7@0-6	08/30/13	0-6	North barn area	<4.7	<9.5	<4.7	<9.5	<4.7	<4.7	<9.5	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5
BARNSS-8@12-18	08/30/13	12-18	North barn area	<4.9	<9.7	<4.9	<9.7	<4.9	<4.9	<9.7	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7
TRANS-1@0-6	08/30/13	0-6	Former transformer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TRANS-2@12-18	08/30/13	12-18	Former transformer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRANS-3@0-6	08/30/13	0-6	Former transformer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N	7/11/2014	0-6	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
S	7/11/2014	0-6	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E	7/11/2014	0-6	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
W	7/11/2014	0-6	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B1	8/29/2014	Ex base	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B2	8/29/2014	Ex base	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B3	8/29/2014	Ex base	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B4	8/29/2014	Ex base	North barn area	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



TABLE 1

Sample ID	Sample Date	Location	tert-Butylbenzene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethylene	Trichlorofluoromethane	Vinyl Chloride		
S1	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S2	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S3	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S4	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S5	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S6	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S7	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		
S8	10/26/2015	Base of Initial Excavation	<10	<10	<10	<10	<10	<10	<10	<10		

Notes: TPH is reported in mg/kg. VOC's are reported in ug/kg





**TABLE 7**  
**Soil Vapor Analytical Results**

Analyte	Units	SV-1	SV-1*	SV-1**	SV-2	SV-2 (dup)	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8	SV-9	Residential CHHSL	Commercial CHHSL
TPH	µg/l	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	--	--
<b>Purgeable Aromatics</b>															
Benzene	µg/l	0.10	<0.1	<0.1	0.14	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.0362	0.122
Toluene	µg/l	0.24	0.21	0.19	0.29	0.24	0.13	0.17	0.14	0.18	0.15	0.13	<0.1	135	378
Ethylbenzene	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--
Xylenes	µg/l	0.17	0.16	0.15	0.15	0.13	0.12	0.13	0.10	0.12	0.11	0.11	0.10	315	879
Methyl tert-Butyl Ether	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	4	13.4
<b>Other VOCs</b>															
1,2-Dichloroethane	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.0496	0.167
Naphthalene	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.0319	0.106

Note

\*\* Seven purge volumes

\* Three purge volumes

--: Not established

<: Not detected at or above the indicated laboratory method reporting limit

All samples collected following one purge volume except as noted

CHHSL: California Human Health Screening Level

µg/l: micrograms per liter

Soil Vapor analysis by EPA 8260B for BTEX, Oxygenates, 1,2 DCA, Naphthalene, & TPH

TPH: Total Petroleum Hydrocarbons

# ATTACHMENT 5

TABLE 2  
Cumulative Monitoring Well Analytical Data  
Jordan Ranch Monitoring Wells

Well ID	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Napthalene (ug/L)
MW-1	12/6/2005	NA	64	2	<0.5	<0.5	<0.5	<0.5	<0.5
	7/26/2006	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	4/10/2008	NA	<50	<0.5	<0.5	<0.5	<0.5	<50	NA
	8/24/2010	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	NA
	1/10/2012	<50	<50	<1	1.1	1.1	2.4	<4	NA
	4/30/2012	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	NA
	7/26/2012	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	NA
	10/4/2012	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	<1
	02/22/13	<51	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
	3/28/2014	<54	<50	<0.50	<0.50	<0.50	<1	<0.5	<1
6/18/2014	<50	<0.50	<0.50	<1.0	<0.50	<1	<0.5	<1	
MW-2	12/6/2005	NA	3,400	470	<25	55	120	800	60
	7/26/2006	150	650	130	<0.5	<0.5	<0.5	510	15
	4/10/2008	NA	8,700	1,600	350	370	790	810	NA
	8/24/2010	<50	15,000	780	93	1,200	2,600	170	NA
	1/10/2012	1,100	4,200	32	10	210	337	<4	NA
	4/30/2012	620	4,100	14	10	340	660	21	NA
	7/26/2012	1,200	15,000	73	71	980	1,900	260	NA
	10/4/2012	250	1,300	16	3	150	120	11	46
	02/22/13	340	4,200	12	7.8	320	590	30	120
	11/22/2013	<50	1,000	1.4	1.9	13	36	1.7	56
	3/28/2014	150	1,300	<0.50	<0.50	33	38	<0.5	17
6/18/2014	140	790	<0.50	<0.5	22	22	0.51	9.9	
MW-3	12/6/2005	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	7/26/2006	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	4/10/2008	NA	430	45	34	22	90	<0.5	NA
	8/24/2010	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	NA
1/10/2012	Well inadvertently covered by grading operations								NA
	12/6/2005	NA	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	7/26/2006	<50	<50	<0.5	<0.5	<0.5	<0.5	<5	<0.5
	4/10/2008	NA	830	29	19	16	54	1,200	NA
	8/24/2010	<50	<50	<0.5	<0.5	<0.5	<1.0	80	NA
	1/10/2012	Obstruction in well casing							

Well ID	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Napthalene (ug/L)
MW-4	4/30/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	14	NA
	7/26/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	14	NA
	10/4/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	3.9	<1
	02/22/13	<50	<50	<0.50	<0.50	<0.50	<1.0	6.3	<1.0
	11/22/2013	<50	<50	<0.50	<0.50	2.4	6.7	2.9	<1.0
	3/28/2014	<51	<50	<0.50	<0.50	<0.50	<1	5	<1
	6/18/2014	<50	<50	<0.50	<0.50	<0.50	<1	6.4	<1
MW-5	12/6/2005	NA	53,000	13,000	1,300	930	4,400	7,000	560
	7/26/2006	560	15,000	4,100	580	200	870	2,200	130
	4/10/2008	NA	66,000	24,000	7,600	2,200	9,200	<130	NA
	8/24/2010	<50	74,000	7,500	11,000	2,700	13,000	100	NA
	1/10/2012	2,100	60,000	1,600	3,700	1,800	5,400	<4	NA
	4/30/2012	2,600	37,000	880	2,500	3,200	15,000	140	NA
	7/26/2012	2,200	45,000	940	2,300	3,300	14,000	290	NA
	10/4/2012	2,100	29,000	750	1,500	2,400	760	140	690
	02/22/13	1,100	30,000	710	1,200	2,400	8,800	<25	680
	11/22/2013	96 <sup>i</sup>	16,000	290	340	2,300	4,000	62	610
3/28/2014	1,700	26,000	150	240	2,300	5,700	38	640	
6/18/2014	1,400	19,000	110	160	1,900	440	33	520	
MW-6A	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
	3/28/2014	<53	<50	<0.50	<0.50	<0.50	<1	<0.50	<1
	6/18/2014	<50	<50	<0.50	<0.50	<0.50	<1	<0.5	<1
MW-6B	11/22/2013	<50	160	<0.50	1.0	6.0	16	<0.50	3.0
	3/28/2014	<50	93	<0.50	<0.50	<0.50	<1	<0.50	1.1
	6/18/2014	<50	<50	<0.50	<0.50	<0.50	<1	<0.5	<1
MW-7A	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	5.4	<1.0
	3/28/2014	<50	<50	<0.50	<0.50	<0.50	<1	3.9	<1
	6/18/2014	<50	<50	<0.50	<0.50	<0.50	<1	3.4	<1
MW-7B	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	7.2	<1.0
	3/28/2014	<52	<50	<0.50	<0.50	<0.50	<1	5.4	<1
	6/18/2014	<50	<50	<0.50	<0.50	<0.50	<1	3.6	<1

NOTES:

(1) Represents C10-C11, which overlaps with TPHg range. Carbon Chain breakdown indicates no diesel. Reported carbon ranges are weathered gasoline based on carbon chain breakdown analysis.

— Groundwater remediation and soil excavation completed Fall 2011.

**TABLE 5**  
**Groundwater Analytical Results—Open Borehole Grab Samples**

Analyte	Units	NG-1	NG-2	NG-3	NG-4	NG-5	NG-8	NG-9	Residential ESL for Indoor Air Impacts	Commercial ESL for Indoor Air Impacts	ESL or PRG for Drinking Water Toxicity	MCL
TPH as Diesel	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	--	--	0.21	--
TPH as Gasoline	mg/l	190	160	120	79	250	<0.5	<0.5	--	--	0.21	--
<b>Purgeable Aromatic Compounds</b>												
Benzene	µg/l	10,000	16,000	6,300	15,000	15,000	<0.5	<0.5	540	1,800	1	1
Toluene	µg/l	32,000	71,000	11,000	2,800	59,000	<0.5	<0.5	380,000	530,000	150	150
Ethylbenzene	µg/l	4,800	3,300	3,600	500	5,400	<0.5	<0.5	170,000	170,000	700	700
Xylenes	µg/l	24,100	17,100	21,100	4,350	26,100	<1	<1	160,000	160,000	700	1,750
Methyl tert-Butyl Ether	µg/l	17,000	14,000	460	1,800	1,200	<1	<1	24,000	80,000	11*	13
<b>Other VOCs</b>												
sec-Butylbenzene	µg/l	190	<1	140	60	67	<1	<1	--	--	240*	--
tert-Butylbenzene	µg/l	<1	15	16	9	<1	<1	<1	--	--	240*	--
1,2-Dichloroethane	µg/l	110	82	250	360	21	<0.5	<0.5	200	690	0.5	0.5
Isopropylbenzene	µg/l	390	240	320	230	190	<1	<1	--	--	660	--
p-Isopropylbenzene	µg/l	120	54	92	42	43	<1	<1	--	--	--	--
Naphthalene	µg/l	900	1,100	940	1,200	1,100	<1	<1	3,200	11,000	17	--
n-Propylbenzene	µg/l	570	590	490	460	410	<1	<1	--	--	240*	--
1,3,5-Trimethylbenzene	µg/l	1,000	900	880	510	790	<1	<1	--	--	12*	--
1,2,4-Trimethylbenzene	µg/l	3,700	3,200	3,400	2,600	3,100	<1	<1	--	--	12*	--

Note

--: Not established

<: Not detected at or above the indicated laboratory method reporting limit

ESL: RWQCB Environmental Screening Level assuming groundwater is a potential drinking water source

Groundwater analysis by EPA 8015 for TPH and 8260B for Purgeable Aromatics, MTBE, and VOCs

MCL: Maximum Contaminant Level (primary drinking water standard)

µg/l: micrograms per liter (parts per billion)

mg/l: milligrams per liter (parts per million)

PRG: USEPA Preliminary Remediation Goal for tap water. PRG values denoted with \*

TPH: Total Petroleum Hydrocarbons

# ATTACHMENT 6

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	ND	ug/L	0.5	0.17
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Benzene	ND	ug/L	0.5	0.25
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	EDB	ND	ug/L	0.5	0.075
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Ethylbenzene	ND	ug/L	0.5	0.13
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/L	50	21
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Naphthalene	ND	ug/L	1	0.22
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	1	0.3
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	N-Propylbenzene	ND	ug/L	1	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	Toluene	ND	ug/L	0.5	0.17
B-12@25'	18.5 to 23.5	38	Grab Groundwater	8260B	TPH as Diesel	ND	ug/L	50	---







TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Naphthalene	ND	ug/L	1	0.22
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	1	0.3
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	N-Propylbenzene	ND	ug/L	1	0.2
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Toluene	ND	ug/L	0.5	0.17
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	50	---
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B-14@30'	(14 to 15, 28.5 to 30), 33 to 33.5	40	Grab Groundwater	8260B	Xylenes, Total	ND	ug/L	1	0.49
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	ND	ug/L	0.5	0.17
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Benzene	ND	ug/L	0.5	0.25
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B-15@30'	Water Only Observed After Drilling	30	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2















TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	ND	ug/L	0.5	0.17
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Benzene	ND	ug/L	0.5	0.25
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Ethylbenzene	ND	ug/L	0.5	0.13
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/L	50	21
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Naphthalene	ND	ug/L	1	0.22
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	1	0.3
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	N-Propylbenzene	ND	ug/L	1	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Toluene	ND	ug/L	0.5	0.17
B-21@30'	20 to 24.5	30	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	79	ug/L	50	—
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B-21@30'	20 to 24.5	30	Grab Groundwater	8260B	Xylenes, Total	ND	ug/L	1	0.49
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Benzene	ND	ug/L	0.5	0.25
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	1	0.3
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	N-Propylbenzene	ND	ug/L	1	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2

TABLE J  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	0.78	ug/L	0.5	0.17
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Ethylbenzene	0.03	ug/L	0.5	0.13
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/L	50	21
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Naphthalene	ND	ug/L	1	0.22
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Toluene	ND	ug/L	0.5	0.17
B22-19'	18.5 to 19.5	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	50	—
B22-19'	18.5 to 19.5	40	Grab Groundwater	8260B	Xylenes, Total	4.1	ug/L	1	0.49
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B22-22'	20 to 23	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B22-22'	20 to 23	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B22-22'	20 to 23	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B22-22'	20 to 23	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B22-22'	20 to 23	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B22-22'	20 to 23	40	Grab Groundwater	8260B	Benzene	ND	ug/L	0.5	0.25
B22-22'	20 to 23	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B22-22'	20 to 23	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B22-22'	20 to 23	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B22-22'	20 to 23	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B22-22'	20 to 23	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B22-22'	20 to 23	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B22-22'	20 to 23	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B22-22'	20 to 23	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B22-22'	20 to 23	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B22-22'	20 to 23	40	Grab Groundwater	8260B	cis-1,2-Dichloroethane	ND	ug/L	0.5	0.071
B22-22'	20 to 23	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B22-22'	20 to 23	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B22-22'	20 to 23	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B22-22'	20 to 23	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B22-22'	20 to 23	40	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
B22-22'	20 to 23	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B22-22'	20 to 23	40	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
B22-22'	20 to 23	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B22-22'	20 to 23	40	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	1	0.3
B22-22'	20 to 23	40	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
B22-22'	20 to 23	40	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B22-22'	20 to 23	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B22-22'	20 to 23	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B22-22'	20 to 23	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Toluene	ND	ug/L	0.5	0.17
B22-22'	20 to 23	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	76	ug/L	50	---
B22-22'	20 to 23	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B22-22'	20 to 23	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B22-22'	20 to 23	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B22-22'	20 to 23	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B22-22'	20 to 23	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	8	ug/L	0.5	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	1.2	ug/L	0.5	0.17
B22-22'	20 to 23	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	64	ug/L	50	21
B22-22'	20 to 23	40	Grab Groundwater	8260B	Naphthalene	5.8	ug/L	1	0.22
B22-22'	20 to 23	40	Grab Groundwater	8260B	N-Propylbenzene	ND	ug/L	1	0.2
B22-22'	20 to 23	40	Grab Groundwater	8260B	Ethylbenzene	1.7	ug/L	0.5	0.13
B22-22'	20 to 23	40	Grab Groundwater	8260B	Xylenes, Total	7.8	ug/L	1	0.49
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	11	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	2.3	ug/L	0.5	0.17
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B22-27'	24 to 28	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B22-27'	24 to 28	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B22-27'	24 to 28	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B22-27'	24 to 28	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B22-27'	24 to 28	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B22-27'	24 to 28	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B22-27'	24 to 28	40	Grab Groundwater	8260B	Benzene	ND	ug/L	0.5	0.25
B22-27'	24 to 28	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Bromoforn	ND	ug/L	1	0.5
B22-27'	24 to 28	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B22-27'	24 to 28	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B22-27'	24 to 28	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B22-27'	24 to 28	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B22-27'	24 to 28	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B22-27'	24 to 28	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B22-27'	24 to 28	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B22-27'	24 to 28	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B22-27'	24 to 28	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B22-27'	24 to 28	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B22-27'	24 to 28	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B22-27'	24 to 28	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B22-27'	24 to 28	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B22-27'	24 to 28	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B22-27'	24 to 28	40	Grab Groundwater	8260B	Ethylbenzene	3.9	ug/L	0.5	0.13
B22-27'	24 to 28	40	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
B22-27'	24 to 28	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	110	ug/L	50	21
B22-27'	24 to 28	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B22-27'	24 to 28	40	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
B22-27'	24 to 28	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B22-27'	24 to 28	40	Grab Groundwater	8260B	Naphthalene	3.4	ug/L	1	0.22
B22-27'	24 to 28	40	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	1	0.3
B22-27'	24 to 28	40	Grab Groundwater	8260B	n-Propylbenzene	1.4	ug/L	1	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
B22-27'	24 to 28	40	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B22-27'	24 to 28	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B22-27'	24 to 28	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B22-27'	24 to 28	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Toluene	ND	ug/L	0.5	0.17
B22-27'	24 to 28	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	110	ug/L	50	---
B22-27'	24 to 28	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B22-27'	24 to 28	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B22-27'	24 to 28	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B22-27'	24 to 28	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B22-27'	24 to 28	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B22-27'	24 to 28	40	Grab Groundwater	8260B	Xylenes, Total	16	ug/L	1	0.49
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	0.91	ug/L	0.5	0.17
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Benzene	36	ug/L	0.5	0.25
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Isopropylbenzene	38	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Methyl tert-butyl ether	36	ug/L	0.5	0.069
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Naphthalene	130	ug/L	1	0.22
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	n-Butylbenzene	5.9	ug/L	1	0.3
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	N-Propylbenzene	66	ug/L	1	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	sec-Butylbenzene	5.6	ug/L	1	0.17
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Toluene	1.4	ug/L	0.5	0.17
B23-13'	12.5 to 13.5	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	280	ug/L	50	--
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	3.3	ug/L	2.5	1
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	1900	ug/L	250	110
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Nylenes, Total	35	ug/L	5	2.4
B23-13'	12.5 to 13.5	40	Grab Groundwater	8260B	Ethylbenzene	580	ug/L	5	1.3
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	4-Isopropyltoluene	14	ug/L	1	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Benzene	390	ug/L	0.5	0.25
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B23-17'	16.5 to 18.5	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072





TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Acetone	61	ug/L	50	8
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Benzene	160	ug/L	0.5	0.25
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Bromoforn	ND	ug/L	1	0.5
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Chlorobenzene	0.58	ug/L	0.5	0.13
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	DIFE	ND	ug/L	0.5	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Methyl tert-butyl ether	26	ug/L	0.5	0.069
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	n-Butylbenzene	63	ug/L	1	0.3
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	N-Propylbenzene	89	ug/L	1	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	sec-Butylbenzene	20	ug/L	1	0.17
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Styrene	55	ug/L	0.5	0.075
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	tert-Butylbenzene	43	ug/L	1	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	2490	ug/L	10	4
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	700	ug/L	10	3.4
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	29000	ug/L	1000	420
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Isopropylbenzene	140	ug/L	10	4
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Naphthalene	760	ug/L	20	4.4
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Toluene	250	ug/L	10	3.4
B23-22'	22.25 to 23	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	4000	---
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Ethylbenzene	2900	ug/L	100	26
B23-22'	22.25 to 23	40	Grab Groundwater	8260B	Xylenes, Total	13300	ug/L	200	98
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	10	1.3
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	10	1.5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	10	1.8
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	10	2.1
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	10	1.5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	20	4.2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	10	1.7
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	20	2.6
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	2400	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	20	4.2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	10	4.2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	10	1.5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	740	ug/L	10	3.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	10	4

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Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	20	3.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	10	3.2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	10	3.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	1000	170
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	1000	54
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	20	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	89
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Acetone	ND	ug/L	1000	160
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Benzene	ND	ug/L	10	5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	20	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	20	10
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	20	9.8
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	100	16
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	10	1.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	10	2.6
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	20	5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	10	2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	20	2.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	20	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	20	3.8
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	10	1.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	10	2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	10	1.3
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	10	2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	DIPE	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	10	2
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Ethylene Dibromide	ND	ug/L	10	1.5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/L	1000	420
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	20	5.5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Isopropylbenzene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	10	1.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	100	30
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Naphthalene	ND	ug/L	20	4.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	n-Butylbenzene	90	ug/L	20	6
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	N-Propylbenzene	430	ug/L	20	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	sec-Butylbenzene	21	ug/L	20	3.3
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Styrene	10	ug/L	10	1.5
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	TAME	ND	ug/L	10	1.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	TBA	ND	ug/L	80	37
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	20	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Toluene	ND	ug/L	10	3.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	500	—
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	10	1.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	10	3.4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	20	1.3
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	200	12
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	10	4
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Xylenes, Total	ND	ug/L	20	9.8
B23-26'	25.5 to 27.5	40	Grab Groundwater	8260B	Ethylbenzene	ND	ug/L	100	26
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	ND	ug/L	25	10
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2-DCA	ND	ug/L	0.5	0.077
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	14	ug/L	0.5	0.17
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	4-Isopropyltoluene	2.7	ug/L	1	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Benzene	27	ug/L	0.5	0.25
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	EDB	ND	ug/L	0.5	0.075
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Ethylbenzene	940	ug/L	25	6.5
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Ethyl-t-butyl ether (ETBE)	ND	ug/L	0.5	0.098
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	5000	ug/L	2500	1100
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Isopropylbenzene	38	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Methyl tert-butyl ether	1.2	ug/L	0.5	0.069
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Naphthalene	160	ug/L	1	0.22
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	n-Butylbenzene	24	ug/L	1	0.3
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	N-Propylbenzene	110	ug/L	1	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	sec-Butylbenzene	14	ug/L	1	0.17
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Styrene	6.7	ug/L	0.5	0.075
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Toluene	17	ug/L	0.5	0.17
B24-22'	22 to 22.5	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	340	ug/L	50	--
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Vinyl acetate	7.9	ug/L	10	0.6
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B24-22'	22 to 22.5	40	Grab Groundwater	8260B	Xylenes, Total	240	ug/L	50	24
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	10	1.3
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	10	1.5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	10	1.8

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	10	2.1
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	10	1.5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	20	4.2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	10	1.7
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	20	2.6
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	14	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2-DCA	ND	ug/L	10	1.5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	20	4.2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	10	4.2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	13	ug/L	10	3.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	20	3.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	10	3.2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	10	3.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	1000	170
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	1000	54
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	20	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	89
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Acetone	ND	ug/L	1000	160
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Benzene	12	ug/L	10	5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	20	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	20	10
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	20	9.8
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	100	16
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	10	1.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	10	2.6
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	20	5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	10	2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	20	2.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	20	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	20	3.8
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	10	1.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	10	2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	10	1.3
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	10	2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	DIPE	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	EDB	ND	ug/L	10	1.5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Ethylbenzene	360	ug/L	10	2.6
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Ethyl-t-butyl ether (ETBE)	ND	ug/L	10	2
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	2600	ug/L	1000	420
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Hexachlorbutadiene	ND	ug/L	20	5.5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Isopropylbenzene	52	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Methyl tert-butyl ether	ND	ug/L	10	1.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	100	30
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Naphthalene	100	ug/L	20	4.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	n-Butylbenzene	ND	ug/L	20	6
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	N-Propylbenzene	120	ug/L	20	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	sec-Butylbenzene	ND	ug/L	20	3.3
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Styrene	ND	ug/L	10	1.5
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	TAME	ND	ug/L	10	1.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	TBA	ND	ug/L	80	37
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	20	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Toluene	ND	ug/L	10	3.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	300	-
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	10	1.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	10	3.4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	20	1.3

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	200	12
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	10	4
B25-13.5'	11.5 to 14	40	Grab Groundwater	8260B	Xylenes, Total	72	ug/L	20	9.8
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	10	1.3
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	10	1.5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	10	1.8
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	10	2.1
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	10	1.5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	20	4.2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	10	1.7
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	20	2.6
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	3.50	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2-DCA	ND	ug/L	10	1.5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	20	4.2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	10	4.2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	12.00	ug/L	10	3.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	20	3.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	10	3.2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	10	3.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	1000	170
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	1000	54
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	4-Isopropyltoluene	2.7	ug/L	20	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	89
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Acetone	ND	ug/L	1000	160
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Benzene	2.01	ug/L	10	5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	20	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	20	10
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	20	9.8
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	100	16
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	10	1.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	10	2.6
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	20	5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	10	2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	20	2.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	20	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	20	3.8
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	10	1.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	10	2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	10	1.3
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	10	2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	DIPE	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	EDB	ND	ug/L	10	1.5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Ethylbenzene	41.00	ug/L	50	13
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Ethyl-t-butyl ether (ETBE)	ND	ug/L	10	2
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	92400	ug/L	5000	2100
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	20	5.5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Isopropylbenzene	160	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Methyl tert-butyl ether	57	ug/L	10	1.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	100	30
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Naphthalene	8.56	ug/L	20	4.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	n-Butylbenzene	240	ug/L	20	6
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	n-Propylbenzene	740	ug/L	20	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	sec-Butylbenzene	130	ug/L	20	3.3
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Styrene	ND	ug/L	10	1.5
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	TAME	ND	ug/L	10	1.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	TBA	ND	ug/L	80	37
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	tert-Butylbenzene	ND	ug/L	20	4

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Toluene	830	ug/L	10	3.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	10000	--
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	10	1.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	10	3.4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	20	1.3
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	200	12
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	10	4
B25-21.5'	21.5 to 22	40	Grab Groundwater	8260B	Xylenes, Total	18800	ug/L	100	49
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	1600	ug/L	5	2
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2-DCA	0.26	ug/L	0.5	0.077
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	140	ug/L	0.5	0.17
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B25-36'	36 to 40	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
B25-36'	36 to 40	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B25-36'	36 to 40	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	8.4
B25-36'	36 to 40	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	2.7
B25-36'	36 to 40	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	4-Isopropyltoluene	8.4	ug/L	1	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
B25-36'	36 to 40	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	8
B25-36'	36 to 40	40	Grab Groundwater	8260B	Benzene	23	ug/L	0.5	0.25
B25-36'	36 to 40	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	0.5
B25-36'	36 to 40	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.49
B25-36'	36 to 40	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.78
B25-36'	36 to 40	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
B25-36'	36 to 40	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
B25-36'	36 to 40	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.25
B25-36'	36 to 40	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
B25-36'	36 to 40	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.12
B25-36'	36 to 40	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.19
B25-36'	36 to 40	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
B25-36'	36 to 40	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
B25-36'	36 to 40	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.067
B25-36'	36 to 40	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B25-36'	36 to 40	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	EDB	ND	ug/L	0.5	0.075
B25-36'	36 to 40	40	Grab Groundwater	8260B	Ethylbenzene	540	ug/L	5	1.3
B25-36'	36 to 40	40	Grab Groundwater	8260B	Ethyl-4-butyl ether (ETBE)	ND	ug/L	0.5	0.098
B25-36'	36 to 40	40	Grab Groundwater	8260B	Gasoline Range Organics (GRO)-C5-C12	21000	ug/L	500	210
B25-36'	36 to 40	40	Grab Groundwater	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
B25-36'	36 to 40	40	Grab Groundwater	8260B	Isopropylbenzene	28	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Methyl tert-butyl ether	17	ug/L	0.5	0.069
B25-36'	36 to 40	40	Grab Groundwater	8260B	Methylene Chloride	ND	ug/L	5	1.5
B25-36'	36 to 40	40	Grab Groundwater	8260B	Naphthalene	120	ug/L	1	0.22

TABLE I  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B25-36'	36 to 40	40	Grab Groundwater	8260B	n-Butylbenzene	37	ug/L	1	0.3
B25-36'	36 to 40	40	Grab Groundwater	8260B	N-Propylbenzene	81	ug/L	1	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	sec-Butylbenzene	12	ug/L	1	0.17
B25-36'	36 to 40	40	Grab Groundwater	8260B	Styrene	ND	ug/L	0.5	0.075
B25-36'	36 to 40	40	Grab Groundwater	8260B	TAME	ND	ug/L	0.5	0.071
B25-36'	36 to 40	40	Grab Groundwater	8260B	TBA	ND	ug/L	4	1.9
B25-36'	36 to 40	40	Grab Groundwater	8260B	tert-Butylbenzene	1.8	ug/L	1	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Toluene	69	ug/L	0.5	0.17
B25-36'	36 to 40	40	Grab Groundwater	8015 (Silica Gel)	TPH as Diesel	1100	ug/L	50	-
B25-36'	36 to 40	40	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B25-36'	36 to 40	40	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B25-36'	36 to 40	40	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B25-36'	36 to 40	40	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B25-36'	36 to 40	40	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B25-36'	36 to 40	40	Grab Groundwater	8260B	Xylenes, Total	4760	ug/L	100	49
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	-
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.067
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.074
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.091
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.11
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.075
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.21
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.087
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2,4-Trimethylbenzene	11	ug/L	0.5	0.13
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.21
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.077
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,3,5-Trimethylbenzene	5	ug/L	0.5	-
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	2-Butanone (MEK)	ND	ug/L	50	0.16
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.17
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	2-Hexanone	ND	ug/L	50	8.4
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	4-Isopropyltoluene	ND	ug/L	1	2.7
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	-
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Acetone	ND	ug/L	50	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Benzene	0.76	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Bromobenzene	ND	ug/L	1	4.5
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Bromoform	ND	ug/L	1	8
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Bromomethane	ND	ug/L	1	0.25
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Carbon disulfide	ND	ug/L	5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.5
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Chlorobenzene	ND	ug/L	0.5	0.49
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Chlorobromomethane	ND	ug/L	1	0.78
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.072
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Chloroethane	ND	ug/L	1	0.13
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Chloroform	ND	ug/L	1	0.25
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Chloromethane	ND	ug/L	1	0.1
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.12
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Dibromomethane	ND	ug/L	0.5	0.19
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.071
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	DIPE	ND	ug/L	0.5	0.067
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	EDB	ND	ug/L	0.5	0.2
B-26@33.5'	33 to 34	40	Grab Groundwater	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.1



















TABLE I  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	Trichloroethene	ND	ug/L	0.5	0.2
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	Vinyl acetate	ND	ug/L	10	0.6
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	Xylenes, Total	ND	ug/L	1	0.49
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
B-32@30'	14 to 14.5, 21.5 to 22.5, 23.25 to 25	30	Grab Groundwater	8260B	1,1-Dichloroethene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	0.067
NDWATER SURFACE			Surface Water	8260B	1,1,1-Trichloroethane	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	0.074
NDWATER SURFACE			Surface Water	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.5	0.091
NDWATER SURFACE			Surface Water	8260B	1,1,2-Trichloroethane	ND	ug/L	0.5	0.11
NDWATER SURFACE			Surface Water	8260B	1,1-Dichloroethane	ND	ug/L	0.5	0.075
NDWATER SURFACE			Surface Water	8260B	1,1-Dichloropropene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	1,2,3-Trichlorobenzene	ND	ug/L	1	0.21
NDWATER SURFACE			Surface Water	8260B	1,2,3-Trichloropropane	ND	ug/L	0.5	0.087
NDWATER SURFACE			Surface Water	8260B	1,2,4-Trichlorobenzene	ND	ug/L	1	0.13
NDWATER SURFACE			Surface Water	8260B	1,2,4-Trimethylbenzene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21
NDWATER SURFACE			Surface Water	8260B	1,2-Dichlorobenzene	ND	ug/L	0.5	0.21
NDWATER SURFACE			Surface Water	8260B	1,2-Dichloroethane	ND	ug/L	0.5	0.077
NDWATER SURFACE			Surface Water	8260B	1,2-Dichloropropane	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	1,3,5-Trimethylbenzene	ND	ug/L	0.5	0.17
NDWATER SURFACE			Surface Water	8260B	1,3-Dichlorobenzene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	1,3-Dichloropropane	ND	ug/L	1	0.17
NDWATER SURFACE			Surface Water	8260B	1,4-Dichlorobenzene	ND	ug/L	0.5	0.16
NDWATER SURFACE			Surface Water	8260B	2,2-Dichloropropane	ND	ug/L	0.5	0.17
NDWATER SURFACE			Surface Water	8260B	2-Butanone (MEK)	ND	ug/L	50	8.1
NDWATER SURFACE			Surface Water	8260B	2-Chlorotoluene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	2-Hexanone	ND	ug/L	50	2.7
NDWATER SURFACE			Surface Water	8260B	4-Chlorotoluene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	4-Isopropyltoluene	ND	ug/L	1	0.2
NDWATER SURFACE			Surface Water	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	4.5
NDWATER SURFACE			Surface Water	8260B	Acetone	ND	ug/L	50	8
NDWATER SURFACE			Surface Water	8260B	Benzene	ND	ug/L	0.5	0.25
NDWATER SURFACE			Surface Water	8260B	Bromobenzene	ND	ug/L	1	0.2
NDWATER SURFACE			Surface Water	8260B	Bromoform	ND	ug/L	1	0.5
NDWATER SURFACE			Surface Water	8260B	Bromomethane	ND	ug/L	1	0.49
NDWATER SURFACE			Surface Water	8260B	Carbon disulfide	ND	ug/L	5	0.78
NDWATER SURFACE			Surface Water	8260B	Carbon tetrachloride	ND	ug/L	0.5	0.072
NDWATER SURFACE			Surface Water	8260B	Chlorobenzene	ND	ug/L	0.5	0.13
NDWATER SURFACE			Surface Water	8260B	Chlorobromomethane	ND	ug/L	1	0.25
NDWATER SURFACE			Surface Water	8260B	Chlorodibromomethane	ND	ug/L	0.5	0.1
NDWATER SURFACE			Surface Water	8260B	Chloroethane	ND	ug/L	1	0.12
NDWATER SURFACE			Surface Water	8260B	Chloroform	ND	ug/L	1	0.2
NDWATER SURFACE			Surface Water	8260B	Chloromethane	ND	ug/L	1	0.19
NDWATER SURFACE			Surface Water	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.5	0.071
NDWATER SURFACE			Surface Water	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.5	0.1
NDWATER SURFACE			Surface Water	8260B	Dibromomethane	ND	ug/L	0.5	0.067
NDWATER SURFACE			Surface Water	8260B	Dichlorobromomethane	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	Dichlorodifluoromethane	ND	ug/L	0.5	0.1
NDWATER SURFACE			Surface Water	8260B	DIPE	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	Ethyl tert-butyl ether	ND	ug/L	0.5	0.098
NDWATER SURFACE			Surface Water	8260B	Ethylbenzene	ND	ug/L	0.5	0.13
NDWATER SURFACE			Surface Water	8260B	Ethylene Dibromide	ND	ug/L	0.5	0.075
NDWATER SURFACE			Surface Water	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/L	50	21
NDWATER SURFACE			Surface Water	8260B	Hexachlorobutadiene	ND	ug/L	1	0.27
NDWATER SURFACE			Surface Water	8260B	Isopropylbenzene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	Methyl tert-butyl ether	ND	ug/L	0.5	0.069
NDWATER SURFACE			Surface Water	8260B	Methylene Chloride	ND	ug/L	5	1.5
NDWATER SURFACE			Surface Water	8260B	Naphthalene	ND	ug/L	1	0.22
NDWATER SURFACE			Surface Water	8260B	n-Butylbenzene	ND	ug/L	1	0.3



TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
NDWATER SURFACE			Surface Water	8260B	N-Propylbenzene	ND	ug/L	1	0.2
NDWATER SURFACE			Surface Water	8260B	sec-Butylbenzene	ND	ug/L	1	0.17
NDWATER SURFACE			Surface Water	8260B	Styrene	ND	ug/L	0.5	0.075
NDWATER SURFACE			Surface Water	8260B	TAME	ND	ug/L	0.5	0.071
NDWATER SURFACE			Surface Water	8260B	TBA	ND	ug/L	4	1.9
NDWATER SURFACE			Surface Water	8260B	tert-Butylbenzene	ND	ug/L	1	0.2
NDWATER SURFACE			Surface Water	8260B	Tetrachloroethene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8015 (Silica Gel)	TPH as Diesel	ND	ug/L	50	---
NDWATER SURFACE			Surface Water	8260B	Toluene	ND	ug/L	0.5	0.17
NDWATER SURFACE			Surface Water	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.5	0.07
NDWATER SURFACE			Surface Water	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.5	0.17
NDWATER SURFACE			Surface Water	8260B	Trichloroethene	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	Trichlorofluoromethane	ND	ug/L	1	0.067
NDWATER SURFACE			Surface Water	8260B	Vinyl acetate	ND	ug/L	10	0.6
NDWATER SURFACE			Surface Water	8260B	Vinyl chloride	ND	ug/L	0.5	0.2
NDWATER SURFACE			Surface Water	8260B	Xylenes, Total	ND	ug/L	1	0.49
NDWATER SURFACE			Surface Water	8260B	Dichlorodifluoromethane	ND	ug/L	0.50	0.18
Detention Basin			Surface Water	8260B	Chloromethane	ND	ug/L	0.50	0.16
Detention Basin			Surface Water	8260B	Vinyl Chloride	ND	ug/L	0.50	0.16
Detention Basin			Surface Water	8260B	Bromomethane	ND	ug/L	0.50	0.18
Detention Basin			Surface Water	8260B	Trichlorofluoromethane	ND	ug/L	0.50	0.18
Detention Basin			Surface Water	8260B	1,1-Dichloroethene	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	Freon 113	ND	ug/L	0.50	0.19
Detention Basin			Surface Water	8260B	Methylene Chloride	ND	ug/L	5.0	0.23
Detention Basin			Surface Water	8260B	trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19
Detention Basin			Surface Water	8260B	MTBE	ND	ug/L	0.50	0.17
Detention Basin			Surface Water	8260B	tert-Butanol	ND	ug/L	5.0	1.5
Detention Basin			Surface Water	8260B	Diisopropyl ether (DIPE)	ND	ug/L	0.50	0.13
Detention Basin			Surface Water	8260B	1,1-Dichloroethane	ND	ug/L	0.50	0.13
Detention Basin			Surface Water	8260B	ETBE	ND	ug/L	0.50	0.17
Detention Basin			Surface Water	8260B	cis-1,2-Dichloroethene	ND	ug/L	0.50	0.19
Detention Basin			Surface Water	8260B	2,2-Dichloropropane	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	Bromochloromethane	ND	ug/L	0.50	0.20
Detention Basin			Surface Water	8260B	Chloroform	ND	ug/L	0.50	0.13
Detention Basin			Surface Water	8260B	Carbon Tetrachloride	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	1,1,1-Trichloroethane	ND	ug/L	0.50	0.097
Detention Basin			Surface Water	8260B	1,1-Dichloropropene	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	Benzene	ND	ug/L	0.50	0.13
Detention Basin			Surface Water	8260B	TAME	ND	ug/L	0.50	0.17
Detention Basin			Surface Water	8260B	1,2-Dichloroethane	ND	ug/L	0.50	0.14
Detention Basin			Surface Water	8260B	Trichloroethylene	ND	ug/L	0.50	0.13
Detention Basin			Surface Water	8260B	Dibromomethane	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	1,2-Dichloropropane	ND	ug/L	0.50	0.17
Detention Basin			Surface Water	8260B	Bromodichloromethane	ND	ug/L	0.50	0.13
Detention Basin			Surface Water	8260B	cis-1,3-Dichloropropene	ND	ug/L	0.50	0.096
Detention Basin			Surface Water	8260B	Toluene	ND	ug/L	0.50	0.14
Detention Basin			Surface Water	8260B	Tetrachloroethylene	ND	ug/L	0.50	0.14
Detention Basin			Surface Water	8260B	trans-1,3-Dichloropropene	ND	ug/L	0.50	0.23
Detention Basin			Surface Water	8260B	1,1,2-Trichloroethane	ND	ug/L	0.50	0.14
Detention Basin			Surface Water	8260B	Dibromochloromethane	ND	ug/L	0.50	0.096
Detention Basin			Surface Water	8260B	1,3-Dichloropropane	ND	ug/L	0.50	0.10
Detention Basin			Surface Water	8260B	1,2-Dibromoethane	ND	ug/L	0.50	0.19
Detention Basin			Surface Water	8260B	Chlorobenzene	ND	ug/L	0.50	0.14
Detention Basin			Surface Water	8260B	Ethyl Benzene	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.096
Detention Basin			Surface Water	8260B	m,p-Xylene	ND	ug/L	1.0	0.13
Detention Basin			Surface Water	8260B	o-Xylene	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	Styrene	ND	ug/L	0.50	0.21
Detention Basin			Surface Water	8260B	Bromoform	ND	ug/L	1.0	0.21
Detention Basin			Surface Water	8260B	Isopropyl Benzene	ND	ug/L	0.50	0.097
Detention Basin			Surface Water	8260B	Bromobenzene	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.11
Detention Basin			Surface Water	8260B	n-Propylbenzene	ND	ug/L	0.50	0.078
Detention Basin			Surface Water	8260B	2-Chlorotoluene	ND	ug/L	0.50	0.076
Detention Basin			Surface Water	8260B	1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.074

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
Detention Basin			Surface Water	8260B	4-Chlorotoluene	ND	ug/L	0.50	0.088
Detention Basin			Surface Water	8260B	tert-Butylbenzene	ND	ug/L	0.50	0.081
Detention Basin			Surface Water	8260B	1,2,3-Trichloropropane	ND	ug/L	0.50	0.14
Detention Basin			Surface Water	8260B	1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.083
Detention Basin			Surface Water	8260B	sec-Butyl Benzene	ND	ug/L	0.50	0.092
Detention Basin			Surface Water	8260B	p-Isopropyltoluene	ND	ug/L	0.50	0.093
Detention Basin			Surface Water	8260B	1,3-Dichlorobenzene	ND	ug/L	0.50	0.10
Detention Basin			Surface Water	8260B	1,4-Dichlorobenzene	ND	ug/L	0.50	0.069
Detention Basin			Surface Water	8260B	n-Butylbenzene	ND	ug/L	0.50	0.081
Detention Basin			Surface Water	8260B	1,2-Dichlorobenzene	ND	ug/L	0.50	0.057
Detention Basin			Surface Water	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	0.50	0.15
Detention Basin			Surface Water	8260B	Hexachlorobutadiene	ND	ug/L	0.50	0.19
Detention Basin			Surface Water	8260B	1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.12
Detention Basin			Surface Water	8260B	Naphthalene	ND	ug/L	1.0	0.14
Detention Basin			Surface Water	8260B	1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.23
Detention Basin			Surface Water	8260B	(S) Dibromofluoromethane	ND	ug/L	131	61.2
Detention Basin			Surface Water	8260B	(S) Toluene-d8	ND	ug/L	127	75.1
Detention Basin			Surface Water	8260B	(S) 4-Bromofluorobenzene	ND	ug/L	120	64.1
Detention Basin			Soil	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,1,1-Trichloroethane	ND	ug/Kg	4.9	0.53
B-12@9'			Soil	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	4.9	0.48
B-12@9'			Soil	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	4.9	2
B-12@9'			Soil	8260B	1,1,2-Trichloroethane	ND	ug/Kg	4.9	0.36
B-12@9'			Soil	8260B	1,1-Dichloroethane	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,1-Dichloroethene	ND	ug/Kg	4.9	0.35
B-12@9'			Soil	8260B	1,1-Dichloropropene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	4.9	0.73
B-12@9'			Soil	8260B	1,2,3-Trichloropropane	ND	ug/Kg	4.9	0.5
B-12@9'			Soil	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	4.9	0.54
B-12@9'			Soil	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	4.9	1.6
B-12@9'			Soil	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	4.9	0.59
B-12@9'			Soil	8260B	1,2-Dichlorobenzene	ND	ug/Kg	4.9	0.59
B-12@9'			Soil	8260B	1,2-Dichloroethane	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,2-Dichloropropane	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,3-Dichlorobenzene	ND	ug/Kg	4.9	0.34
B-12@9'			Soil	8260B	1,3-Dichloropropane	ND	ug/Kg	4.9	0.38
B-12@9'			Soil	8260B	1,4-Dichlorobenzene	ND	ug/Kg	4.9	0.7
B-12@9'			Soil	8260B	2,2-Dichloropropane	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	2-Butanone (MEK)	ND	ug/Kg	4.9	21
B-12@9'			Soil	8260B	2-Chlorotoluene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	2-Hexanone	ND	ug/Kg	4.9	9.8
B-12@9'			Soil	8260B	4-Chlorotoluene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	4-Isopropyltoluene	ND	ug/Kg	4.9	2.5
B-12@9'			Soil	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	4.9	9.8
B-12@9'			Soil	8260B	Acetone	ND	ug/Kg	4.9	24
B-12@9'			Soil	8260B	Benzene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Bromobenzene	ND	ug/Kg	4.9	0.39
B-12@9'			Soil	8260B	Bromoforn	ND	ug/Kg	4.9	0.35
B-12@9'			Soil	8260B	Bromomethane	ND	ug/Kg	9.8	0.48
B-12@9'			Soil	8260B	Carbon disulfide	ND	ug/Kg	4.9	0.45
B-12@9'			Soil	8260B	Carbon tetrachloride	ND	ug/Kg	4.9	0.44
B-12@9'			Soil	8260B	Chlorobenzene	ND	ug/Kg	4.9	0.34
B-12@9'			Soil	8260B	Chlorobromomethane	ND	ug/Kg	20	0.37
B-12@9'			Soil	8260B	Chlorodibromomethane	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Chloroethane	ND	ug/Kg	9.8	0.44
B-12@9'			Soil	8260B	Chloroform	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Chloromethane	ND	ug/Kg	9.8	0.48
B-12@9'			Soil	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	4.9	0.36
B-12@9'			Soil	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Dibromomethane	ND	ug/Kg	9.8	0.34
B-12@9'			Soil	8260B	Dichlorobromomethane	ND	ug/Kg	4.9	0.37
B-12@9'			Soil	8260B	Dichlorodifluoromethane	ND	ug/Kg	9.8	0.77
B-12@9'			Soil	8260B	DIPE	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	EDB	ND	ug/Kg	4.9	1.4

**TABLE 1**  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-12@9'			Soil	8260B	Ethyl tert-butyl ether	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Ethylbenzene	ND	ug/Kg	4.9	0.74
B-12@9'			Soil	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/Kg	250	98
B-12@9'			Soil	8260B	Hexachlorobutadiene	ND	ug/Kg	4.9	0.58
B-12@9'			Soil	8260B	Isopropylbenzene	ND	ug/Kg	4.9	0.51
B-12@9'			Soil	8260B	Methyl tert-butyl ether	ND	ug/Kg	4.9	1.2
B-12@9'			Soil	8260B	Methylene Chloride	ND	ug/Kg	9.8	2.9
B-12@9'			Soil	8260B	Naphthalene	ND	ug/Kg	9.8	1.5
B-12@9'			Soil	8260B	n-Butylbenzene	ND	ug/Kg	4.9	0.98
B-12@9'			Soil	8260B	N-Propylbenzene	ND	ug/Kg	4.9	0.36
B-12@9'			Soil	8260B	sec-Butylbenzene	ND	ug/Kg	4.9	0.42
B-12@9'			Soil	8260B	Styrene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	TAME	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	TBA	ND	ug/Kg	9.8	6.6
B-12@9'			Soil	8260B	tert-Butylbenzene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Tetrachloroethene	ND	ug/Kg	4.9	0.43
B-12@9'			Soil	8260B	Toluene	ND	ug/Kg	4.9	0.7
B-12@9'			Soil	8260B	Toluene	1.1	mg/Kg	0.99	0.34
B-12@9'			Soil	8015 (Silica Gel)	TPH as Diesel	ND	mg/Kg	50	1.7
B-12@9'			Soil	8015 (Silica Gel)	Motor Oil Range Organics [C24-C36]	ND	mg/Kg	4.9	0.53
B-12@9'			Soil	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Trichloroethene	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	Trichlorofluoromethane	ND	ug/Kg	4.9	0.55
B-12@9'			Soil	8260B	Vinyl acetate	ND	ug/Kg	49	1
B-12@9'			Soil	8260B	Vinyl chloride	ND	ug/Kg	4.9	0.52
B-12@9'			Soil	8260B	Vinyl chloride	ND	ug/Kg	9.8	0.98
B-12@9'			Soil	8260B	Xylenes, Total	ND	ug/Kg	4.9	0.33
B-12@9'			Soil	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	4.9	0.53
B-12@13'			Soil	8260B	1,1,1-Trichloroethane	ND	ug/Kg	4.9	0.48
B-12@13'			Soil	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	4.9	0.48
B-12@13'			Soil	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	4.9	2
B-12@13'			Soil	8260B	1,1,2-Trichloroethane	ND	ug/Kg	4.9	0.36
B-12@13'			Soil	8260B	1,1-Dichloroethane	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	1,1-Dichloroethane	ND	ug/Kg	4.9	0.35
B-12@13'			Soil	8260B	1,1-Dichloropropene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	4.9	0.73
B-12@13'			Soil	8260B	1,2,3-Trichloropropane	ND	ug/Kg	4.9	0.5
B-12@13'			Soil	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	4.9	0.54
B-12@13'			Soil	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	4.9	1.6
B-12@13'			Soil	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	4.9	0.59
B-12@13'			Soil	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	4.9	0.59
B-12@13'			Soil	8260B	1,2-Dichlorobenzene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	1,2-Dichloroethane	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	1,2-Dichloropropane	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	1,3-Dichlorobenzene	ND	ug/Kg	4.9	0.34
B-12@13'			Soil	8260B	1,3-Dichlorobenzene	ND	ug/Kg	4.9	0.38
B-12@13'			Soil	8260B	1,3-Dichloropropane	ND	ug/Kg	4.9	0.7
B-12@13'			Soil	8260B	1,4-Dichlorobenzene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	2,2-Dichloropropane	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	2-Butanone (MEK)	ND	ug/Kg	49	21
B-12@13'			Soil	8260B	2-Chlorotoluene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	2-Hexanone	ND	ug/Kg	49	9.8
B-12@13'			Soil	8260B	4-Chlorotoluene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	4-Isopropyltoluene	ND	ug/Kg	4.9	2.5
B-12@13'			Soil	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	49	9.8
B-12@13'			Soil	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	49	24
B-12@13'			Soil	8260B	Acetone	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Benzene	ND	ug/Kg	4.9	0.39
B-12@13'			Soil	8260B	Bromobenzene	ND	ug/Kg	4.9	0.35
B-12@13'			Soil	8260B	Bromobenzene	ND	ug/Kg	4.9	0.48
B-12@13'			Soil	8260B	Bromobenzene	ND	ug/Kg	9.8	0.48
B-12@13'			Soil	8260B	Bromomethane	ND	ug/Kg	4.9	0.45
B-12@13'			Soil	8260B	Carbon disulfide	ND	ug/Kg	4.9	0.44
B-12@13'			Soil	8260B	Carbon tetrachloride	ND	ug/Kg	4.9	0.44
B-12@13'			Soil	8260B	Carbon tetrachloride	ND	ug/Kg	4.9	0.34
B-12@13'			Soil	8260B	Chlorobenzene	ND	ug/Kg	4.9	0.37
B-12@13'			Soil	8260B	Chlorobromomethane	ND	ug/Kg	20	0.37
B-12@13'			Soil	8260B	Chlorodibromomethane	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Chlorodibromomethane	ND	ug/Kg	9.8	0.44
B-12@13'			Soil	8260B	Chloroethane	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Chloroethane	ND	ug/Kg	4.9	0.33

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-12@13'			Soil	8260B	Chloromethane	ND	ug/Kg	9.8	0.48
B-12@13'			Soil	8260B	cis-1,2-Dichloroethane	ND	ug/Kg	4.9	0.36
B-12@13'			Soil	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Dibromomethane	ND	ug/Kg	9.8	0.34
B-12@13'			Soil	8260B	Dichlorobromomethane	ND	ug/Kg	4.9	0.37
B-12@13'			Soil	8260B	Dichlorodifluoromethane	ND	ug/Kg	9.8	0.77
B-12@13'			Soil	8260B	DIPE	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	EDB	ND	ug/Kg	4.9	1.4
B-12@15'			Soil	8260B	Ethyl tert-butyl ether	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Ethylbenzene	ND	ug/Kg	4.9	0.74
B-12@13'			Soil	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/Kg	250	98
B-12@13'			Soil	8260B	Hexachlorobutadiene	ND	ug/Kg	4.9	0.58
B-12@13'			Soil	8260B	Isopropylbenzene	ND	ug/Kg	4.9	0.51
B-12@13'			Soil	8260B	Methyl tert-butyl ether	ND	ug/Kg	4.9	1.2
B-12@13'			Soil	8260B	Methylene Chloride	ND	ug/Kg	9.8	2.9
B-12@13'			Soil	8260B	Naphthalene	ND	ug/Kg	9.8	1.5
B-12@13'			Soil	8260B	n-Butylbenzene	ND	ug/Kg	4.9	0.98
B-12@13'			Soil	8260B	N-Propylbenzene	ND	ug/Kg	4.9	0.36
B-12@13'			Soil	8260B	sec-Butylbenzene	ND	ug/Kg	4.9	0.42
B-12@13'			Soil	8260B	Styrene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	TAME	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	TBA	ND	ug/Kg	9.8	6.6
B-12@13'			Soil	8260B	tert-Butylbenzene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Tetrachloroethene	ND	ug/Kg	4.9	0.43
B-12@13'			Soil	8260B	Toluene	ND	ug/Kg	4.9	0.7
B-12@13'			Soil	8015 (Silica Gel)	TPH as Diesel	ND	mg/Kg	0.99	0.34
B-12@13'			Soil	8015 (Silica Gel)	Motor Oil Range Organics [C24-C36]	ND	mg/Kg	50	1.7
B-12@13'			Soil	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	4.9	0.53
B-12@13'			Soil	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Trichloroethene	ND	ug/Kg	4.9	0.33
B-12@13'			Soil	8260B	Trichlorofluoromethane	ND	ug/Kg	4.9	0.55
B-12@13'			Soil	8260B	Vinyl acetate	ND	ug/Kg	49	1
B-12@13'			Soil	8260B	Vinyl chloride	ND	ug/Kg	4.9	0.52
B-12@13'			Soil	8260B	Xylenes, Total	ND	ug/Kg	9.8	0.98
B-26@30'		40	Soil	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	1,1,1-Trichloroethane	ND	ug/Kg	5	0.53
B-26@30'		40	Soil	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	0.49
B-26@30'		40	Soil	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	5	2.1
B-26@30'		40	Soil	8260B	1,1,2-Trichloroethane	ND	ug/Kg	5	0.37
B-26@30'		40	Soil	8260B	1,1-Dichloroethane	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	1,1-Dichloroethene	ND	ug/Kg	5	0.36
B-26@30'		40	Soil	8260B	1,1-Dichloropropene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	5	0.73
B-26@30'		40	Soil	8260B	1,2,3-Trichloropropane	ND	ug/Kg	5	0.5
B-26@30'		40	Soil	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	5	0.54
B-26@30'		40	Soil	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	5	1.6
B-26@30'		40	Soil	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	5	0.59
B-26@30'		40	Soil	8260B	1,2-Dichlorobenzene	ND	ug/Kg	5	0.59
B-26@30'		40	Soil	8260B	1,2-Dichloroethane	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	1,2-Dichloropropane	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	1,3-Dichlorobenzene	ND	ug/Kg	5	0.35
B-26@30'		40	Soil	8260B	1,3-Dichloropropane	ND	ug/Kg	5	0.39
B-26@30'		40	Soil	8260B	1,4-Dichlorobenzene	ND	ug/Kg	5	0.7
B-26@30'		40	Soil	8260B	2,2-Dichloropropane	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	2-Butanone (MEK)	ND	ug/Kg	50	21
B-26@30'		40	Soil	8260B	2-Chlorotoluene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	2-Hexanone	ND	ug/Kg	50	9.9
B-26@30'		40	Soil	8260B	4-Chlorotoluene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	4-Isopropyltoluene	ND	ug/Kg	5	2.5
B-26@30'		40	Soil	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	50	9.9
B-26@30'		40	Soil	8260B	Acetone	ND	ug/Kg	50	24
B-26@30'		40	Soil	8260B	Benzene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Bromobenzene	ND	ug/Kg	5	0.4
B-26@30'		40	Soil	8260B	Bromoform	ND	ug/Kg	5	0.36

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-26@30'		40	Soil	8260B	Bromomethane	ND	ug/Kg	9.9	0.49
B-26@30'		40	Soil	8260B	Carbon disulfide	ND	ug/Kg	5	0.46
B-26@30'		40	Soil	8260B	Carbon tetrachloride	ND	ug/Kg	5	0.45
B-26@30'		40	Soil	8260B	Chlorobenzene	ND	ug/Kg	5	0.35
B-26@30'		40	Soil	8260B	Chlorobromomethane	ND	ug/Kg	20	0.38
B-26@30'		40	Soil	8260B	Chlorodibromomethane	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Chloroethane	ND	ug/Kg	9.9	0.45
B-26@30'		40	Soil	8260B	Chloroform	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Chloromethane	ND	ug/Kg	9.9	0.49
B-26@30'		40	Soil	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	5	0.37
B-26@30'		40	Soil	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Dibromomethane	ND	ug/Kg	9.9	0.35
B-26@30'		40	Soil	8260B	Dichlorobromomethane	ND	ug/Kg	5	0.38
B-26@30'		40	Soil	8260B	Dichlorodifluoromethane	ND	ug/Kg	9.9	0.78
B-26@30'		40	Soil	8260B	DIPE	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	EDB	ND	ug/Kg	5	1.4
B-26@30'		40	Soil	8260B	Ethyl tert-butyl ether	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Ethylbenzene	ND	ug/Kg	5	0.74
B-26@30'		40	Soil	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/Kg	250	99
B-26@30'		40	Soil	8260B	Hexachlorobutadiene	ND	ug/Kg	5	0.58
B-26@30'		40	Soil	8260B	Isopropylbenzene	ND	ug/Kg	5	0.51
B-26@30'		40	Soil	8260B	Methyl tert-butyl ether	ND	ug/Kg	5	1.2
B-26@30'		40	Soil	8260B	Methylene Chloride	ND	ug/Kg	9.9	3
B-26@30'		40	Soil	8260B	Naphthalene	ND	ug/Kg	9.9	1.5
B-26@30'		40	Soil	8260B	n-Butylbenzene	ND	ug/Kg	5	0.99
B-26@30'		40	Soil	8260B	N-Propylbenzene	ND	ug/Kg	5	0.37
B-26@30'		40	Soil	8260B	sec-Butylbenzene	ND	ug/Kg	5	0.43
B-26@30'		40	Soil	8260B	Styrene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	TAME	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	TBA	ND	ug/Kg	9.9	6.6
B-26@30'		40	Soil	8260B	tert-Butylbenzene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Tetrachloroethene	ND	ug/Kg	5	0.44
B-26@30'		40	Soil	8260B	Toluene	ND	ug/Kg	5	0.7
B-26@30'		40	Soil	8015 (Silica Gel)	TPH as Diesel	ND	mg/Kg	0.99	0.34
B-26@30'		40	Soil	8015 (Silica Gel)	Motor Oil Range Organics [C24-C36]	ND	mg/Kg	49	1.7
B-26@30'		40	Soil	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	5	0.55
B-26@30'		40	Soil	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Trichloroethene	ND	ug/Kg	5	0.34
B-26@30'		40	Soil	8260B	Trichlorofluoromethane	ND	ug/Kg	5	0.55
B-26@30'		40	Soil	8260B	Vinyl acetate	ND	ug/Kg	50	1
B-26@30'		40	Soil	8260B	Vinyl chloride	ND	ug/Kg	5	0.52
B-26@30'		40	Soil	8260B	Xylenes, Total	ND	ug/Kg	9.9	0.99
B-27@30'		40	Soil	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	1,1,1-Trichloroethane	ND	ug/Kg	5	0.54
B-27@30'		40	Soil	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	0.49
B-27@30'		40	Soil	8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	5	2.1
B-27@30'		40	Soil	8260B	1,1,2-Trichloroethane	ND	ug/Kg	5	0.37
B-27@30'		40	Soil	8260B	1,1-Dichloroethane	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	1,1-Dichloroethene	ND	ug/Kg	5	0.36
B-27@30'		40	Soil	8260B	1,1-Dichloropropene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	5	0.74
B-27@30'		40	Soil	8260B	1,2,3-Trichloropropane	ND	ug/Kg	5	0.51
B-27@30'		40	Soil	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	5	0.55
B-27@30'		40	Soil	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	5	1.6
B-27@30'		40	Soil	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	5	0.6
B-27@30'		40	Soil	8260B	1,2-Dichlorobenzene	ND	ug/Kg	5	0.6
B-27@30'		40	Soil	8260B	1,2-Dichloroethane	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	1,2-Dichloropropane	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	1,3-Dichlorobenzene	ND	ug/Kg	5	0.55
B-27@30'		40	Soil	8260B	1,3-Dichloropropane	ND	ug/Kg	5	0.39
B-27@30'		40	Soil	8260B	1,4-Dichlorobenzene	ND	ug/Kg	5	0.71
B-27@30'		40	Soil	8260B	2,2-Dichloropropane	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	2-Butanone (MEK)	ND	ug/Kg	50	21
B-27@30'		40	Soil	8260B	2-Chlorotoluene	ND	ug/Kg	5	0.34

TABLE 1  
Soil and Groundwater Grab Sample Analytical Data 2012-2013 Assessment

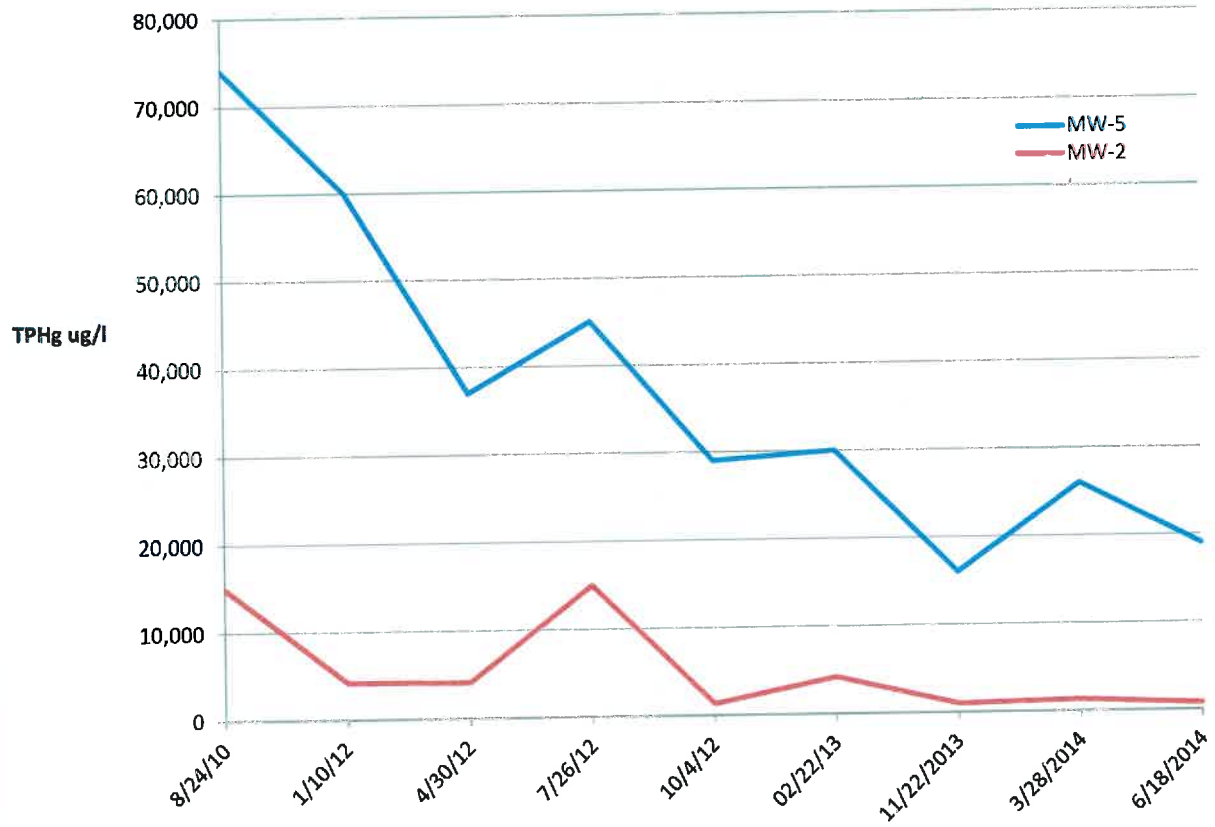
Client Sample ID	Visible Water Bearing Zones	Total Boring Depth	Matrix	Analysis Method	Analyte	Result	Unit	Reporting Limit	MDL
B-27@30'		40	Soil	8260B	2-Hexanone	ND	ug/Kg	50	10
B-27@30'		40	Soil	8260B	4-Chlorotoluene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	4-Isopropyltoluene	ND	ug/Kg	5	2.5
B-27@30'		40	Soil	8260B	4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	50	10
B-27@30'		40	Soil	8260B	Acetone	ND	ug/Kg	50	24
B-27@30'		40	Soil	8260B	Benzene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Bromobenzene	ND	ug/Kg	5	0.4
B-27@30'		40	Soil	8260B	Bromoform	ND	ug/Kg	5	0.36
B-27@30'		40	Soil	8260B	Bromomethane	ND	ug/Kg	10	0.49
B-27@30'		40	Soil	8260B	Carbon disulfide	ND	ug/Kg	5	0.46
B-27@30'		40	Soil	8260B	Carbon tetrachloride	ND	ug/Kg	5	0.45
B-27@30'		40	Soil	8260B	Chlorobenzene	ND	ug/Kg	5	0.35
B-27@30'		40	Soil	8260B	Chlorobromomethane	ND	ug/Kg	20	0.38
B-27@30'		40	Soil	8260B	Chlorodibromomethane	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Chloroethane	ND	ug/Kg	10	0.45
B-27@30'		40	Soil	8260B	Chloroform	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Chloromethane	ND	ug/Kg	10	0.49
B-27@30'		40	Soil	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	5	0.37
B-27@30'		40	Soil	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Dibromomethane	ND	ug/Kg	10	0.35
B-27@30'		40	Soil	8260B	Dichlorobromomethane	ND	ug/Kg	5	0.38
B-27@30'		40	Soil	8260B	Dichlorodifluoromethane	ND	ug/Kg	10	0.79
B-27@30'		40	Soil	8260B	DIPE	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	EDB	ND	ug/Kg	5	1.4
B-27@30'		40	Soil	8260B	Ethyl tert-butyl ether	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Ethylbenzene	ND	ug/Kg	5	0.75
B-27@30'		40	Soil	8260B	Gasoline Range Organics (GRO)-C5-C12	ND	ug/Kg	250	100
B-27@30'		40	Soil	8260B	Hexachlorobutadiene	ND	ug/Kg	5	0.59
B-27@30'		40	Soil	8260B	Isopropylbenzene	ND	ug/Kg	5	0.52
B-27@30'		40	Soil	8260B	Methyl tert-butyl ether	ND	ug/Kg	5	1.2
B-27@30'		40	Soil	8260B	Methylene Chloride	ND	ug/Kg	10	3
B-27@30'		40	Soil	8260B	Naphthalene	ND	ug/Kg	10	1.5
B-27@30'		40	Soil	8260B	n-Butylbenzene	ND	ug/Kg	5	1
B-27@30'		40	Soil	8260B	N-Propylbenzene	ND	ug/Kg	5	0.37
B-27@30'		40	Soil	8260B	sec-Butylbenzene	ND	ug/Kg	5	0.43
B-27@30'		40	Soil	8260B	Styrene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	TAME	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	TBA	ND	ug/Kg	10	6.7
B-27@30'		40	Soil	8260B	tert-Butylbenzene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Tetrachloroethene	ND	ug/Kg	5	0.44
B-27@30'		40	Soil	8260B	Toluene	ND	ug/Kg	5	0.71
B-27@30'		40	Soil	8015 (Silica Gel)	TPH as Diesel	ND	mg/Kg	0.99	0.34
B-27@30'		40	Soil	8015 (Silica Gel)	Motor Oil Range Organics [C24-C36]	ND	mg/Kg	49	1.7
B-27@30'		40	Soil	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	5	0.54
B-27@30'		40	Soil	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Trichloroethene	ND	ug/Kg	5	0.34
B-27@30'		40	Soil	8260B	Trichlorofluoromethane	ND	ug/Kg	5	0.56
B-27@30'		40	Soil	8260B	Vinyl acetate	ND	ug/Kg	50	1.1
B-27@30'		40	Soil	8260B	Vinyl chloride	ND	ug/Kg	5	0.53
B-27@30'		40	Soil	8260B	Xylenes, Total	ND	ug/Kg	10	1

Notes: Lower-boiling hydrocarbons such as compounds associated with Gasoline can elute between C10 and C12 and must be included in the TPH as Diesel value due to the definition of Total Petroleum Hydrocarbons (TPH as Diesel is reported from C10 to C28); higher-boiling hydrocarbons such as motor oil can begin to elute before C28 and although it would be clear by looking at the chromatogram that the compounds aren't Diesel, they still need to be included in the TPH as Diesel value. If you would like to see the chromatograms I can have them sent to you for review. The samples with these type of notes are:

- B23-13', report number 83342 sample -01
- B22-22', report number 83342 sample -06 (higher boiling only)
- B22-27', report number 83342 sample -07 (higher boiling only)
- B25-36', report number 83343 sample -03
- B24-22', report number 83343 sample -04
- B-12@25', report number 83470 sample -02 (higher boiling only)

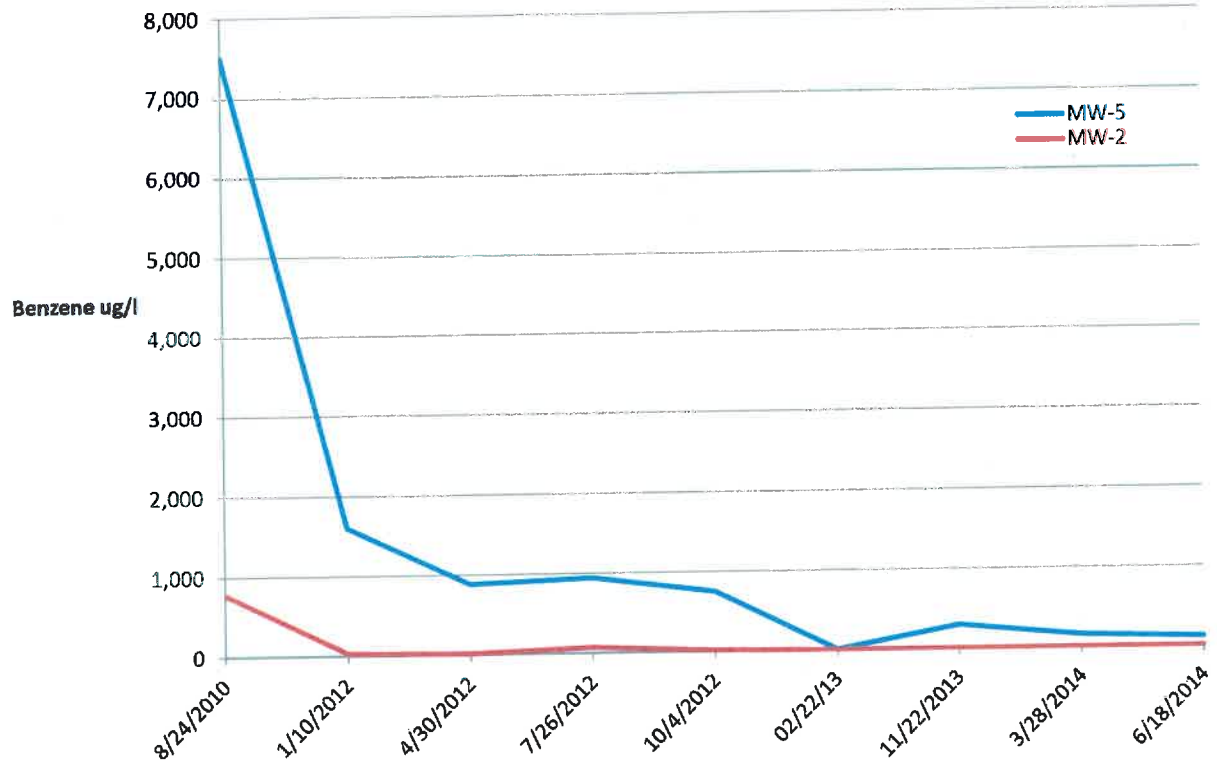
# ATTACHMENT 7

## TPHg in Groundwater Since Implementation of Soil and Groundwater Remediation

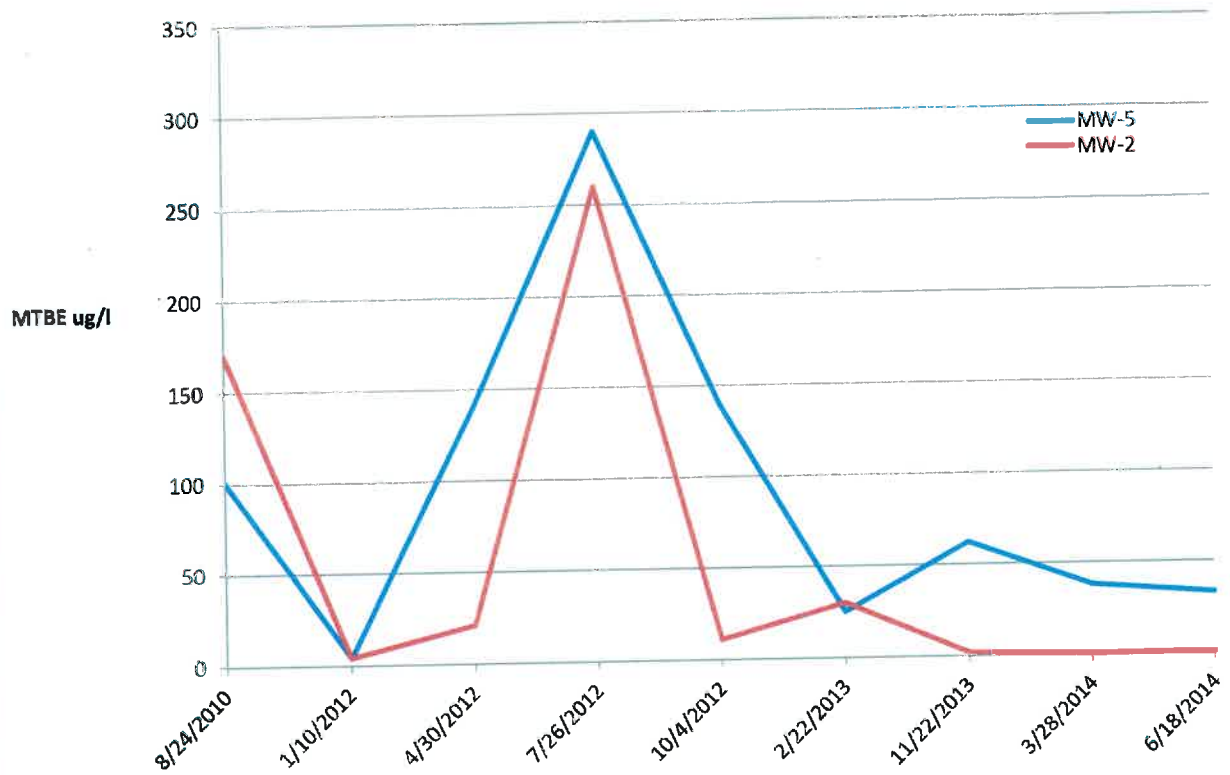




## Benzene in Groundwater Since Implementation of Soil and Groundwater Remediation



## MTBE in Groundwater Since Implementation of Soil and Groundwater Remediation



# ATTACHMENT 8

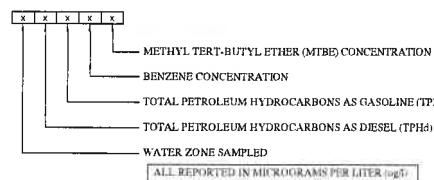
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EXPLANATION

- TRANS 3** APPROXIMATE LOCATION OF SURFACE SOIL SAMPLE (ENGEO, 9-2013)
- BS-A** APPROXIMATE LOCATION OF GRAB SOIL SAMPLE (REPORTED IN mg/kg) (ENGEO, 9-2013)
- MW-7B** APPROXIMATE LOCATION OF PROPOSED MONITORING WELL
- B-35** APPROXIMATE LOCATION OF GRAB GROUNDWATER SAMPLE (ENGEO, 9-2013)
- MW-6** APPROXIMATE LOCATION OF MONITORING WELL (OCTOBER 2012)
- NG-8** APPROXIMATE LOCATION OF GRAB GROUNDWATER SAMPLE (NEM, 2006)
- TP-3** APPROXIMATE LOCATION OF GRAB GROUNDWATER SAMPLE (JCS, 2006)
- B-11** APPROXIMATE LOCATION OF SOIL BORING FOR SOIL SAMPLING AND PID SCREENING (ENGEO, 2012)
- B-12** APPROXIMATE LOCATION OF SOIL AND GRAB GROUNDWATER SAMPLE (ENGEO 2012/2013)
- B-32** APPROXIMATE LOCATION OF GRAB GROUNDWATER SAMPLE SURVEYED WITH GPS (ENGEO 2012/2013)
- B-27** APPROXIMATE LOCATION OF SOIL SAMPLE ONLY (ENGEO 2012/2013)
- SG-4** APPROXIMATE LOCATION OF SOIL GAS WELL

\* NOTE FOR DIESEL DETECTIONS: MULTIPLE LABORATORIES REPORTED QUALIFIERS FOR THE TPH1 DETECTIONS, STATING THEY ARE REPRESENTATIVE OF A WEATHERED GASOLINE FRACTION AND ARE NOT CONSISTENT WITH THE TYPICAL DIESEL CHROMATOGRAM



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