SITE INVESTIGATION REPORT

HUSKY INJECTION MOLDING SYSTEMS
MILTON, VERMONT

Prepared for:

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TABLE OF CONTENTS

EXECUTIVE SUMMARY 1
1.0 INTRODUCTION & BACKGROUND 3
2.0 SCOPE OF WORK 4
2.1 Recovery Well Sampling and Testing 4
2.2 Subsurface Investigation 4
2.3 Groundwater Sampling 5
2.4 Reporting 5
3.0 RECOVERY WELL TESTING 5
3.1 Recovery Well Sampling & Analysis 5
3.2 Pump Test 7
4.0 SUBSURFACE INVESTIGATION 7
4.1 Advancement of Soil Borings 7
4.2 Installation of Monitor Wells 7
4.3 Site Geology 8
4.4 Site Plan 8
5.0 GROUNDWATER SAMPLING 8
5.1 Groundwater Elevations and Flow Direction 8
5.2 Groundwater Sample Collection 9
6.0 ANALYTICAL RESULTS 10
6.1 Groundwater Analytical Results 10
6.2 Quality Assurance / Quality Control 11
7.0 SENSITIVE RECEPTORS 11
8.0 FINDINGS & CONCLUSIONS 12
9.0 RECOMMENDATIONS 14

FIGURES
1. Site Location Map
2. Site Plan
3. Ground-Water Contour

APPENDICES
1. Laboratory Reports
2. Geologic Logs

EXECUTIVE SUMMARY

The professional hydrogeologic and environmental consulting firm of Leggette, Brashears & Graham, Inc. (LBG) has conducted a Site Investigation at the Husky Injection Molding Systems Ltd. (Husky) facility located at 288 North Road in Milton, Vermont (the Site) after Henry Filter coolant was discovered in groundwater beneath the Site. The Site Investigation included an assessment of soil and groundwater quality on the property, the installation of a 4-inch diameter polyvinylchloride (PVC) recovery well within the plate line, a short-term groundwater pump test within the recovery well, a review of the Henry Filter coolant system, and a review of Site as-built drawings. Field investigations also included the advancement of eight soil borings around the perimeter of the southern portion of the Site building. Six soil borings were completed as groundwater monitor wells.

A summary of significant findings are outlined below:

- Soils encountered generally consisted of glacial till; tight, fine-grained silty sands and clays with gravel. Refusal, presumably on bedrock, was encountered between 2 and 4 feet below grade on the western side of the building.

- No odors or elevated photoionization detector (PID) readings of soil samples were observed during soil boring advancement around the exterior of the Site building.

- The groundwater elevations measured on-Site ranged from 90.61 to 93.17 feet (based on an arbitrary datum) with a horizontal hydraulic gradient of 0.02 feet per foot flowing southerly.

- Laboratory data from the recovery well sample indicates total petroleum hydrocarbon concentration is elevated and that acetone, metals and Bis(2-Ethylhexyl)Phthalate have impacted the groundwater at concentrations exceeding the Vermont groundwater enforcement standard (VGES).

- TPH concentrations above the method detection limit were found in two exterior wells sampled (MW-4 and MW-6).

- The VGES for nickel was exceeded in well MW-5.

Considering the data collected to date, the Henry Filter coolant release has impacted the Site soil and groundwater. The sensitive receptors impacted by this release are the soil and groundwater beneath the Site. Based on this investigation, the majority of contaminants appear to be within the footprint of the Site building. No volatile organic compounds have been detected in the exterior wells.

LBG recommends collecting a confirmation round of groundwater samples from well MW-4 and MW-6 for TPH analysis and from MW-5 for total nickel analysis.

Monthly purging and sampling of the recovery well should be initiated to evaluate the contaminant trends.

1.0 INTRODUCTION & BACKGROUND

LBG has prepared this report to detail the recent Site Investigation conducted at Husky Injection Molding Systems, Ltd. (Husky), located at 288 North Road in Milton, VT, the Site. The Vermont Department of Environmental Conservation, Sites Management Section (VT SMS) requested this site investigation to identify the degree and extent of the coolant release and approved the scope of work prepared by LBG on August 15, 2009. The location of the Site is depicted on ***Figure 1***, *Site Location Map* and details of the Site are shown on ***Figure 2***, *Site Plan*.

A Henry Filter coolant release was discovered by Engelberth Construction, Inc. during excavation within the plate line in preparation for the installation of a new gun drill foundation. The water-based coolant was observed within the groundwater approximately eight to ten feet below the plate line floor grade. Following the discovery, the State of Vermont Department of Environmental Conservation (VTDEC) was notified by Mr. Peter Van Oot, an attorney from Downs Rachlin Martin, PLLC representing Husky.

Samples of the Henry Filter system coolant and the impacted soil were colleted by Husky personnel on July 17, 2009 and July 21, 2009 and submitted for laboratory analysis. Samples were collected for laboratory analyses of total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and total organic halides (TOX). Based on the results, it was determined that the material released was consistent with the Henry Filter system coolant. Soil sample TPH results indicated the presence of diesel range organics (DRO), with a hydrocarbon range of C14-C34 and concentration of 2,210 milligrams per liter (mg/L). In addition the TPH results indicated the presence of C26-C40 at a concentration of 463 mg/L. Acetone, at a concentration of 18,000 micrograms per liter (µg/L), was the only VOC detected in the soil sample, although the lab reported the Quality Assurance/Quality Control regarding this compound was not met indicating the result could be biased high. TOX results ranged from 857 milligram per kilogram (mg/kg) to 1,773 mg/kg. The Vermont Groundwater Enforcement Standard (VGES) for TOX is measured by the Maximum Acceptable Change of 250 micrograms per liter (µg/L). Since TOX measurements were only analyzed following the release, the change in TOX cannot be measured.

On July 31, 2009, Environmental Products and Services of Vermont (EPS) oversaw the installation of a 4-inch diameter recovery well by LBG within the excavation where coolant was discovered. A 4.5 foot section of 4-inch diameter V-wire well screen and 3.2 feet of solid riser was installed as the excavation was backfilled by Engleberth Construction, Inc. An eight inch diameter temporary solid casing was placed in the excavation. The well screen was placed inside the casing and the annulus between the screen and the temporary casing was backfilled with No. 0 sand. As the excavation was backfilled and compacted to the meet the specifications of the foundation being installed, the temporary casing was jacked upward and the back filling of sand continued. A bentonite seal was placed above the sand pack. The well was finished flush with the

interior floor, using a 10-inch diameter road box. The total depth of the extraction well is 7.7 feet as measured from the top of the PVC well casing.

On August 15, 2009 LBG submitted a work plan to conduct an Initial Site Investigation in accordance with the *State of Vermont Agency of Natural Resources Waste Management Division, Site Investigation Procedure, dated June 2005*. The work plan was approved by the VTDEC on August 25, 2009.

2.0 SCOPE OF WORK

2.1 Recovery Well Sampling and Testing

Following the review of the Material and Safety Data Sheet (MSDS) for Henry Filter coolant; analytical results from initial samples collected by Husky and analyzed by Endyne Inc.; and other analytical data from Husky, LBG collected groundwater samples from the newly-installed recovery well for the following analyses:

- VOCs by U.S. EPA Method 8260,
- Semi-volatile organic compounds (SVOCs) by U.S. EPA Method 8270 (full list),
- Priority Pollutant Metals (dissolved and total),
- Percent Halogens by U.S. EPA Method 9056; and,
- TPH by U.S. EPA Method 8015.

All samples were appropriately preserved, packed in ice and shipped under chain of custody to ChemServe Environmental Analysts (ChemServe) of Milford, New Hampshire.

The potential for active recovery of coolant from the recovery well was assessed by performing a short-term pump test. An adjustable flow peristaltic pump was used to remove coolant-impacted groundwater from the recovery well while the pieziometric surface was simultaneously monitored. The goal of the pump test was to determine whether continual pumping of contaminated groundwater from the recovery well may be an efficient means of remediating Henry Filter coolant-impacted groundwater at the Site. Specifically, the pump test was designed to evaluate whether there is sufficient water yield within the recovery well to warrant a continuous recovery system.

2.2 Subsurface Investigation

LBG advanced eight (8) soil borings using a percussion probe mounted on a skid steer with Geoprobe® tools on the exterior of the southern portion of the Site building. Continuous soil samples, using 4 foot long Macrocores®, were collected at each boring. Macrocore® soil samples were logged and field screened for the presence of VOCs using a PID. The borings were placed in the vicinity of the Henry Filter coolant trenches and suspected downgradient locations. Six (6) of the soil borings were completed as groundwater monitor wells.

A survey of the Site aided in preparation of a Site Plan depicting important Site features including buildings, utilities, roads and sampling locations.

2.3 Groundwater Sampling

Considering the results of analysis of samples collected from the recovery well LBG selected the following parameters for the groundwater samples:

- VOCs by U.S. EPA Method 8260,
- TPH as diesel range organics (DRO) by U.S. EPA Method 8015,
- Total nickel; and,
- Percent halogens by U.S. EPA Method 9056.

Following the purging of three well volumes of groundwater from each well using a peristaltic pump and dedicated polyethylene tubing, samples were appropriately preserved, packed in ice and shipped under chain-of-custody to ChemServe.

2.4 Reporting

Upon completion of the above-mentioned field work and following receipt of the analytical data, LBG prepared this summary report, including tabulated summaries of data; figures depicting site location and features; and conclusions and recommendations.

3.0 RECOVERY WELL TESTING

3.1 Recovery Well Sampling & Analysis

On September 1, 2009, LBG collected groundwater samples from RW-1 for laboratory analysis of VOCs by U.S. EPA Method 8260, SVOCs by U.S. EPA Method 8270 (full list), priority pollutant metals (dissolved and total), percent halogens by U.S. EPA Method 9056 and TPH by U.S. EPA Method 8015. The purpose of collecting and analyzing groundwater from RW-1 was to determine contaminant concentrations as well as to develop a parameter list for the exterior monitoring wells. All samples were appropriately preserved, packed in ice and shipped under chain of custody to ChemServe of Milford, New Hampshire. The results are summarized on the table below and a complete copy of the laboratory report is provided in ***Appendix 1***.

Table 3.1-1

		RW-1	VGES
		Concentration (ug/L)	
Total Metals	Antimony	<50	*6*
	Arsenic	**58**	*50*
	Beryllium	<3	*4*
	Cadmium	<5	*5*
	Chromium	**43**	*100*
	Copper	**140**	*1,300*
	Lead	**55**	*15*
	Nickel	**132**	*100*
	Selenium	<50	*50*
	Silver	<7	*100*
	Thallium	<100	*2*
	Zinc	**332**	*5,000*
	Mercury	<0.22	*2*
Dissolved Metals	Antimony	<50	*6*
	Arsenic	<50	*50*
	Beryllium	<3	*4*
	Cadmium	<5	*5*
	Chromium	**13**	*100*
	Copper	**30**	*1,300*
	Lead	<30	*15*
	Nickel	**69**	*100*
	Selenium	<50	*50*
	Silver	<7	*100*
	Thallium	<100	*2*
	Zinc	**161**	*5,000*
	Mercury	<0.21	*2*
TPH	Diesel	<5,400	*NE*
	Lube Oil	**920,000**	*NE*
VOCs	Acetone	**8,800**	*700*
	Toluene	**32**	*1,000*
SVOCs	Bis(2-Ethylhexyl)Phthalate	**39**	*6*
% Halogens	Chloride	**61,500**	*NE*

Notes:
1. Samples were analyzed by EPA Methods 8260, 8015, 6010 and 9056.
2. VGES - Vermont Groundwater Enforcement Standard; bold values were detected above the laboratory reporting limit, and highlighted values exceed the VGES.
3. NS - not sampled; NT - not tested; ND - not detected above method detection limits; NE - VGES not established, MDLs - method detection limits.
4. TPH - total petroleum hydrocarbons; VOCs - volatile organic compounds analyzed.
5. Concentration is reported in units of ug/L - micrograms per liter - unless noted otherwise.

* Secondary VGES.

3.2 Pump Test

In order to assess the potential for active recovery of coolant from the recovery well, LBG performed a short-term pump test. An adjustable flow peristaltic pump was used to remove coolant-impacted groundwater from the recovery well while the pieziometric surface was continuously monitored. The peristaltic pump was set at its slowest pumping rate to minimize the drawdown in the well.

The test consisted of measuring the volume of water being pumped over time to establish the rate of groundwater flow into the well. The pumping rates varied between 1.7 and 2.1 gallons per hour. The drawdown in the well during the test increased despite having the pump set at the slowest possible pumping rate. Once groundwater in the well was depleted LBG monitored the rise in the water level over time to determine the recharge rate to the well. The recharge rate was measured to be 0.32 gallons per hour.

Recovered product was placed in a 55-gallon drum. The drum was left on-Site and this material will be managed by Husky.

4.0 SUBSURFACE INVESTIGATION

Prior to conducting any drilling activities, LBG cleared the Site via the Dig Safe network. The Dig Safe ticket number assigned to the Site is #20093605746.

4.1 Advancement of Soil Borings

LBG used a percussion hammer mounted on a skid steer to advance soil borings on the exterior of the Site building using Geoprobe® tools and direct push techniques. Boring locations are depicted on ***Figure 2***. Soil boring depths range from 2-12 feet below ground surface.

As each soil boring was advanced, the soils were continuously screened for VOCs with a PID using conventional headspaces techniques. The Ionscience Phocheck 1000 PID was calibrated to a 100 ppmv isobutylene standard referenced to benzene prior to screening. No elevated PID readings were observed. Geologic Logs are presented in ***Appendix 2***.

4.2 Installation of Monitor Wells

Of the 8 soil borings advanced, 6 were completed as groundwater monitor wells. The wells are constructed of 1-inch diameter schedule 40 PVC solid riser and 0.010 slot screen. Each screen was set to straddle the groundwater table encountered during drilling. A # 0 sand pack was installed around the well screen at each location. A bentonite seal was placed above each sand pack to prevent surface water infiltration. Each well was fitted with an expansion plug, road box and finished at grade.

MW-6 was installed within the asphalt parking lot adjacent to the Henry Filter and a relic oil/water separator underground storage tank. In order to install this well the asphalt was cut with an 8-inch diameter core drill. The annulus between the road box and the core was backfilled with asphalt patch and hand tampered.

Following installation, each well was developed using a peristaltic pump to remove any material introduced into the well during construction and to hydraulically connect the well with the underlying aquifer. Fine materials that were introduced into the well as it was installed were removed from each well until the well water was clear or the well was pumped dry.

4.3 Site Geology

Soils encountered generally consisted of glacial till; tight, fine-grained silty sands and clays with gravel. The locations of the borings and other Site features are depicted on ***Figure 2*** and more soil details can be found in ***Appendix 2***.

Refusal, presumably on bedrock, occurred during the advancement of soil borings on the western side of the Site building at depths ranging from 2-4 feet. Based on the 1961 Centennial Geologic Map of Vermont[1], the bedrock in the area is Dunham dolomite – a buff-weathered siliceous dolomite.

4.4 Site Plan

LBG used a Topcon AT-F6 auto level to perform a stadia survey to identify the location and elevation of the newly installed monitor wells with respect to existing Site and area features. A fire hydrant on-Site was selected as a temporary benchmark arbitrarily set at 100.00 feet in elevation. The Site Plan is provided as ***Figure 2***.

5.0 GROUNDWATER SAMPLING

5.1 Groundwater Elevations and Flow Direction

The average groundwater elevation on September 17, 2009 was 91.73 feet and ranged from 90.61 feet to 93.17 feet in monitor wells MW-1 and MW-4, respectively. Based on the data collected, the groundwater flow direction is interpreted to be southerly with a horizontal hydraulic gradient of 0.02 feet per foot. ***Figure 3*** shows groundwater flow, elevations, and contours.

The below table further details data collected in the field on September 17, 2009.

[1] Doll, Charles G. Vermont Geological Survey et al. *Centennial Geologic Map of Vermont*. 1961.

Table 5.1-1

Well Identification	Top of Casing Elevation (feet)	Total Depth of Well (feet)	Depth to Product (feet)	Depth to Water (feet)	Water Table Elevation (feet)
MW-1	96.22	9.79	ND	5.61	90.61
MW-2	94.14	9.94	ND	2.85	91.29
MW-3	98.98	10.74	ND	6.75	92.23
MW-4	99.51	8.87	ND	6.34	93.17
MW-5	99.37	10.95	ND	7.55	91.82
MW-6	96.99	7.55	ND	5.71	91.28
RW-1*	101.66	NM	NM	6.8	94.86

Notes:
1. Well elevations are referenced to an arbitrary benchmark set at 100 ft. feet.
2. NL - not located; NM - not measured; ND - not detected.
3. Data recorded are referenced to the highest point of the well casing.
4. Depth to water and product measurements were obtained with an oil/water interface probe.

* Measurements from RW-1 were collected on 9/1/2009.

5.2 Groundwater Sample Collection

Prior to sample collection, groundwater was purged from the on-Site wells in order to obtain a representative groundwater sample using a peristaltic pump and dedicated polyethylene tubing. Three well volumes were purged from each sampled well. Purge water was discharged to the ground surface. Following the purging of these wells, groundwater samples were collected.

The groundwater samples were placed in the appropriate laboratory-provided glassware. All samples were analyzed for VOCs by U.S. EPA Method 8021B, TPH as DRO by U.S. EPA Method 8015, total nickel, and percent halogens by U.S. EPA Method 9056. This parameter list was established following receipt of analytical data from groundwater samples colleted from the recovery well on September 1, 2009. Only those parameters assess in recovery well samples that had a direct correlation to on-Site activities and/or were detected in exceedence of the VGES were retained for groundwater sampling from the monitoring wells.

A duplicate sample (labeled DUP) for VOC analysis was collected from MW-5 for Quality Assurance/Quality Control (QA/QC) purposes. All samples were submitted to ChemServe for analysis.

6.0 ANALYTICAL RESULTS

6.1 Groundwater Analytical Results

The laboratory data received from ChemServe indicates nickel present in a single groundwater monitor well (MW-5) at a concentration detected slightly above the VGES. In addition, TPH concentrations were found in two of the six monitor wells sampled (MW-4 and MW-6). No VOCs were detected above the laboratory reporting limits.

Since the VGES for TOX is measured by the Maximum Acceptable Change and TOX measurements were only analyzed following the release, the change in TOX cannot be measured. LBG collected groundwater samples for percent halogens analysis, which includes all halogenated compounds (both organic and inorganic) in the sample. In all monitor wells sampled for percent halogens as chloride, all contained concentrations above the laboratory reporting limits.

A summary of the September 17, 2009 analytical results is presented in the table below, the complete laboratory report is provided as ***Appendix 1***.

Table 6.1-1

		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	DUP	Field Blank	Trip Blank	VGES
		Concentration (ug/L)									
Total Metals	Nickel	<10	<10	<10	<10	**135**	NT	NT	NT	NT	*100*
TPH	Diesel	<100	<100	<100	**700**	<100	<120	NT	NT	NT	*NE*
	Lube Oil	<100	<100	<100	<100	<100	**1,400**	NT	NT	NT	*NE*
VOCs	Acetone	<50	<50	<50	<50	<50	<50	<50	<50	<50	*700*
	Toluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	*1,000*
% Halogens	Chloride	**21,000**	**10,300**	**10,300**	**5,910**	**24,100**	NT	NT	NT	NT	*NE*

Notes:
1. Samples were analyzed by EPA Methods 8260, 8015, 6010 and 9056.
2. VGES - Vermont Groundwater Enforcement Standard; bold values were detected above the lab reporting limit, and highlighted values exceed the VGES.
3. NS - not sampled; NT - not tested; ND - not detected above method detection limits; NE - VGES not established, MDLs - method detection limits.
4. TPH - total petroleum hydrocarbons; VOCs - volatile organic compounds analyzed.
5. DUP - duplicate sample collected from MW-5 for QA/QC.
6. Field Blank collected by LBG and Trip Blank provided by lab for QA/QC purposes.
7. Concentration is reported in units of ug/L - micrograms per liter - unless noted otherwise.

* Secondary VGES.

6.2 Quality Assurance / Quality Control

The Field Blank is assessed for contamination introduced during sample collection, while the Trip Blank is assessed for contaminants introduced during sample transport. The method blank is evaluated for contamination introduced at the laboratory. The surrogates and spikes are used to evaluate biases introduced at the laboratory. Duplicate samples are used to evaluate precision. Field duplicates are used for evaluation of precision after sample collection, and laboratory duplicates are used for assessing analytical precision. The field duplicates ensure precision and that the results are accurate and therefore, the data is practical for comparison to the VGES.

All laboratory data has been validated relative to the following parameters prior to acceptance:

- Correct sample identification;
- Correct reporting limits;
- Analysis within the method specified holding time;
- Acceptable detection limit multipliers; and,
- Acceptable surrogate recoveries.

The laboratory reported the surrogate recoveries within recovery limits for all samples, identifying no biases introduced at the laboratory.

No target compounds are detected above the MDLs in the Trip Blank or Field Blank, indicating contaminants were not introduced during transport or sample collection.

The relative percent difference (RPD) between MW-5 and its duplicate sample (DUP) was not calculated since the results are less than the MDLs.

Based on the QA/QC evaluation, the data is acceptable.

7.0 SENSITIVE RECEPTORS

LBG conducted a sensitive receptor survey of the immediate area. Sensitive receptors typically include water supply wells, groundwater, soil, building basements, indoor air, surface waters, and underground utility corridors.

The indoor air of the Site building has not been assessed. The current operations within the building would likely mask any vapor intrusion.

According to the State of Vermont, Agency of Natural Resources' interactive mapping website, there are six wells within a ½ mile from the Site recovery well. All six wells are listed as domestic water supplies. Only one well is located southeast

(potentially downgradient) of the Site at a distance of approximately 2,200 feet. All wells are located more than 1,400 feet from the Site recovery well. Distances range from 1,420 feet to 2,500 feet from the Site recovery well.

The nearest surface water is Arrowhead Lake, located approximately 1,100 feet west of the Site building.

The perimeter of the building within the study area contains a live buried waterline serving the various fire hydrants that surround the building. Review of drawings provided by Husky shows the waterlines are approximately 25 feet from the building. As such, LBG attempted to place some of the soil borings and wells between the waterline and building as appropriate. Considering the soil type on-Site, the excavated trench for the waterline may act as a preferential conduit for groundwater migrating from the building. A detention basin located east of the plate line was dry at the time of the investigation and may receive water from roof drains. Two retention ponds located south of the building which receive water from a storm drain system did not show any signs of distressed vegetation. A drainage swale between the railroad tracks and the shipping and receiving parking lot did not show any signs of distressed vegetation.

Based on the data and information submitted in a report prepared by Dubois & King, Inc. (D&K) in 1997 entitled, Husky - Phase I - Preliminary Boring Program, LBG's soil boring assessment, Site reconnaissance and topographical map review, the bedrock topography is understood. Although the potential impact to the bedrock aquifer is not known, due to the presence on an underlying till layer found beneath the eastern portion of the Site the potential impact to the bedrock is likely to be minimal. The soils encountered in the LBG borings were consistent with the data provided in the D&K report. Refusal on bedrock was found in borings SB-5 & SB-6, located on the west side of the building at depths of 2 and 4 feet respectively. Refusal on bedrock was not encountered in any other boring.

The crest of the presumed bedrock fold or fault (north/south) is on the west side of the building and the trough of the presumed bedrock fold or fault is located on the east side forming the topography between the building and the railroad tracks. Following the deformation of the rock, glacial deposits (till) were washed into the trough forming the current topography. Surface drainage in the trough flows to the south and drains to Arrowhead Mountain Lake.

There are no water supply wells south of the Husky plant in the immediate vicinity that could be potentially impacted from this release.

8.0 FINDINGS & CONCLUSIONS

Based on the September 2009 subsurface investigation, LBG has identified the following findings:

- Soils encountered generally consisted of glacial till; tight, fine-grained silty sands and clays with gravel.

- Refusal, presumably on bedrock, was encountered during the installation of two soil borings located west of the Site building.

- During soil boring advancement, no petroleum odors or elevated PID readings were observed in the borings advanced on the exterior of the building.

- The average groundwater elevation was 91.73 feet (based on an arbitrary datum) with a horizontal hydraulic gradient of 0.02 feet per foot flowing southerly.

- The laboratory data from the recovery well sample indicates total petroleum hydrocarbon concentration is elevated and that acetone, metals and Bis(2-Ethylhexyl)Phthalate have impacted the groundwater at concentrations exceeding the Vermont groundwater enforcement standard (VGES).

- The recharge of water into the recovery well is less than 0.3 gallons per hour. Migration of the coolant via groundwater from the source area will be slow.

- Low TPH concentrations are present in two wells sampled (MW-4 and MW-6).

- Although total nickel concentration slightly exceeds the VGES in MW-5, migration of the coolant appears to be localized within the perimeter of the building.

Analytical results from the recovery well groundwater samples were compared to compounds frequently used within the metal machining operation on-Site. The comparison served both as an unofficial means of data validation and also to aid in the determination of which compounds to retain as part of the groundwater sampling parameter list. Nickel was the only metal retained from the recovery well parameter list because it is a common constituent of metals used on-Site and was found in the recovery well at concentrations that exceed the VGES. Furthermore, LBG and Husky personnel are unaware of other nickel sources in the vicinity. Although lead was also found to exceed the VGES in the recovery well, it is not generally found in metals used on-Site. Other metals detected in the recovery well include chromium, copper and zinc, all of which are constituents of the metals used on-Site. However, these compounds did not exceed the VGES and therefore were not retained for sampling beyond the building footprint. Bis(2-Ethylhexyl)Phthalate exceeded the VGES in the recovery well, but was not retained for subsequent analysis because it is not utilized within Site-specific activities and is a common component of PVC. LBG believes that the newly-installed 4-inch PVC recovery well was the source of Bis(2-Ethylhexyl)Phthalate, as its leaching

may have been facilitated by the presence of acetone on-Site. Elevated TPH concentrations are indicative of the presence of Henry Filter coolant, a water-based petroleum compound. Acetone and toluene are used within the metal machining processes. Chloride may have originated from myriad of anthropogenic or natural sources.

Considering the data collected to date, the Henry Filter system coolant has impacted the soil and groundwater beneath the Site proximate to RW-1. It appears that the majority of contaminants remain beneath the Site building footprint. Two exterior wells, MW-4 and MW-6, exhibit low TPH impacts. The results of this investigation show no VOCs have been detected in the groundwater outside of the building footprint.

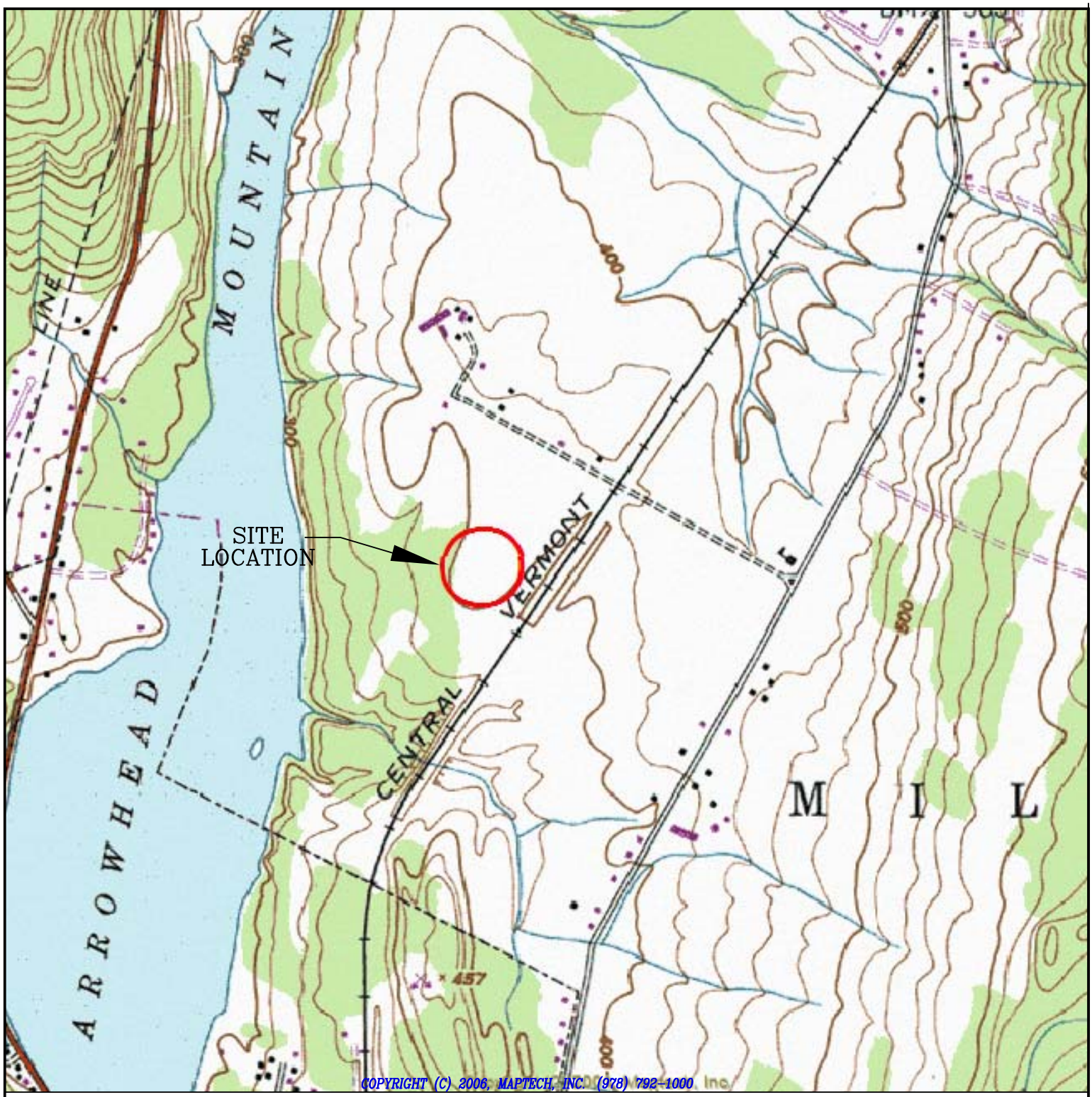
9.0 RECOMMENDATIONS

LBG recommends collecting a confirmation round of groundwater quality samples from those wells in which parameters were found to exceed the VGES.

Considering the low recharge rate to the recovery well, continuous pumping of the well is not recommended. LBG suggests that the well be evacuated on a weekly basis by purging the well at a rate of approximately 3 gallons per hour. The purge water should be accumulated in a 55 gallon drum. The well should be sampled for TPH every month to monitor the water quality trend. Annual sampling should include TPH, nickel, lead and VOCs.

Husky currently performs visual inspections of the Henry Filter coolant trenches on an annual basis; however LBG and Husky are in agreement that the inspection protocol should be amended to provide a more thorough, quantitative assessment of trench condition. Husky personnel should contact manufacturers of the various Henry Filter system components to obtain recommendations for specific ways to improve inspection thoroughness. At this time LBG does not recommend an increase in Henry Filter coolant trench inspection frequency.

FIGURES



N

0 1,000

SCALE IN FEET

SOURCE: United States Geological Survey 7.5 Minute Topographic Map for the Milton, VT Quadrangle

HUSKY INJECTION MOLDING SYSTEMS LTD
NORTH ROAD
MILTON, VERMONT

SITE LOCATION MAP

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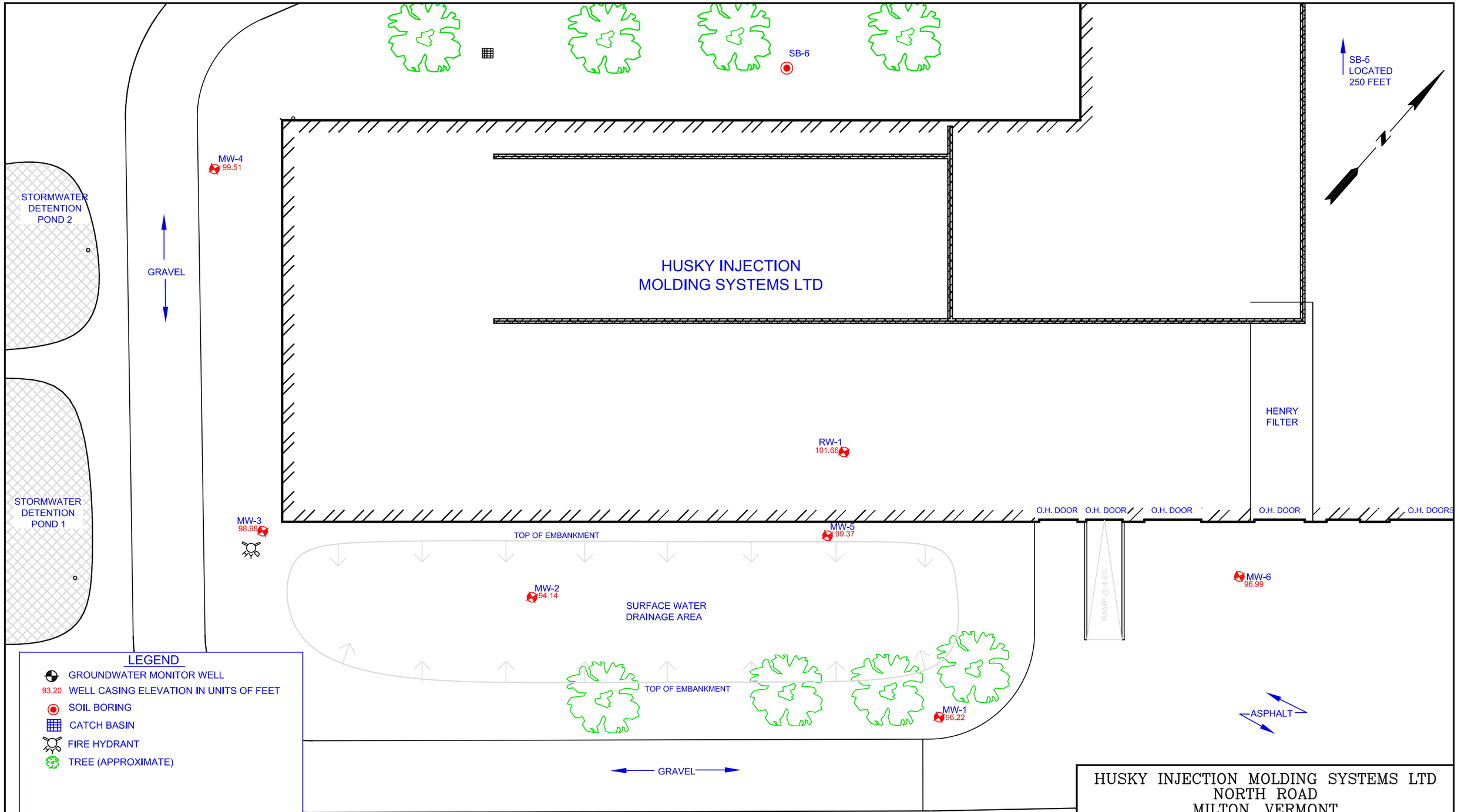
FILE: q:\Env. Proj./Husky	DRAWN BY: DDR	CHECKED BY: JRD	DATE: 10/8/09
			FIGURE: 1



LEGEND

- GROUNDWATER MONITOR WELL
- 93.20 WELL CASING ELEVATION IN UNITS OF FEET
- SOIL BORING
- CATCH BASIN
- FIRE HYDRANT
- TREE (APPROXIMATE)

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

NO.	DATE	DESCRIPTION	BY

HUSKY INJECTION MOLDING SYSTEMS LTD
NORTH ROAD
MILTON, VERMONT

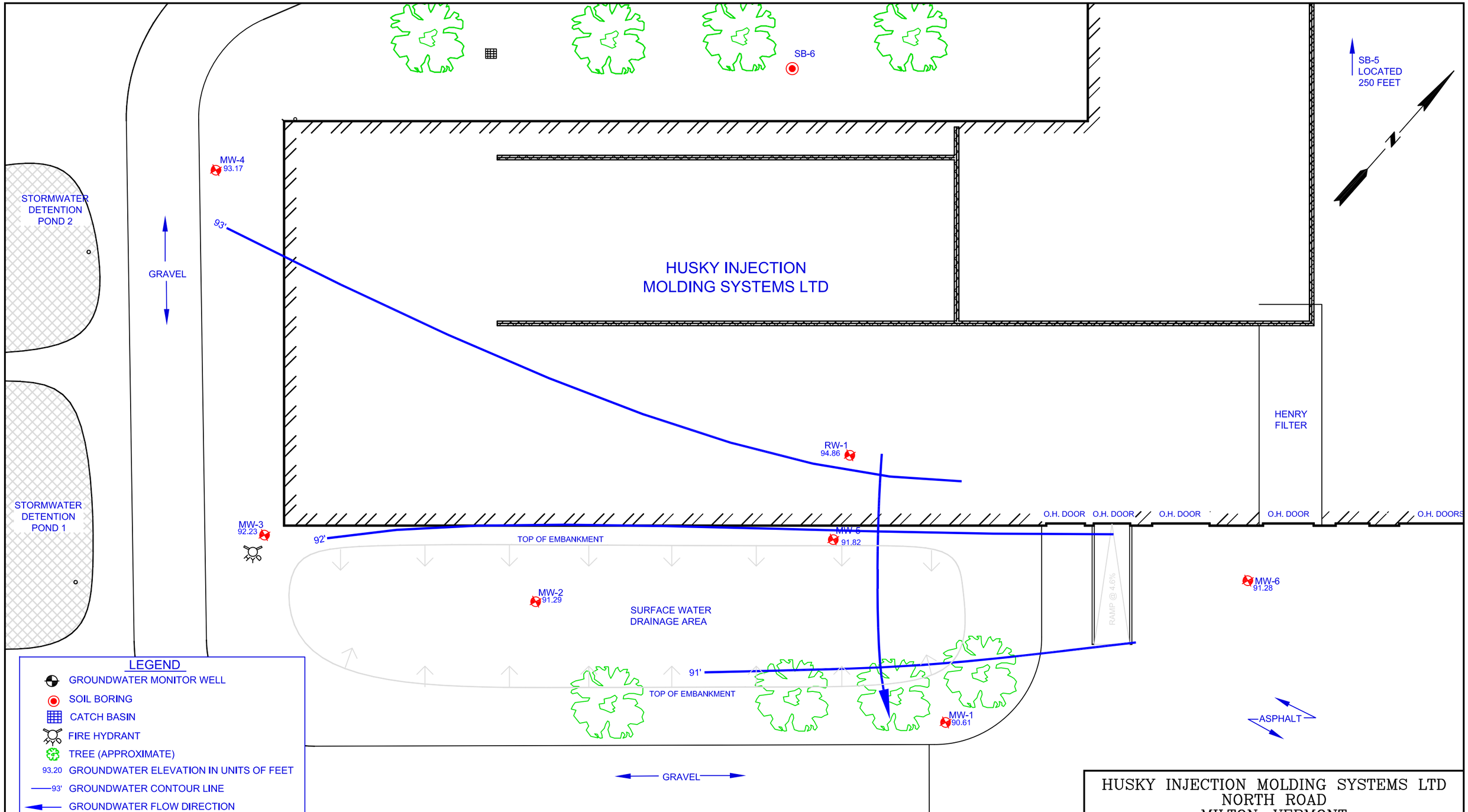
SITE PLAN

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Services
76 Pearl Street, Suite 203
Essex Junction, VT 05452
(802) 288-9600

FILE: Q:\ENV.PROJ.\HUSKY | DRAWN BY: DDR | CHECKED BY: JRD | DATE: 9/22/09 | FIGURE: 2

REFERENCES:

1. THIS PLAN REFERENCES AN ELEVATION AND DISTANCE SURVEY CONDUCTED BY LBG ON 9/17/2009.



LEGEND

- GROUNDWATER MONITOR WELL
- SOIL BORING
- CATCH BASIN
- FIRE HYDRANT
- TREE (APPROXIMATE)
- 93.20 GROUNDWATER ELEVATION IN UNITS OF FEET
- 93' GROUNDWATER CONTOUR LINE
- GROUNDWATER FLOW DIRECTION

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

NO.	DATE	DESCRIPTION	BY

HUSKY INJECTION MOLDING SYSTEMS LTD
NORTH ROAD
MILTON, VERMONT

GROUNDWATER CONTOUR PLAN
SEPTEMBER 17, 2009

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Services
76 Pearl Street, Suite 203
Essex Junction, VT 05452
(802) 288-9600

DATE: 9/28/09
FILE: Q:\ENV.PROJ.\HUSKY | DRAWN BY: DDR | CHECKED BY: JRD | FIGURE: 3

REFERENCES:

1. THIS PLAN REFERENCES AN ELEVATION AND DISTANCE SURVEY CONDUCTED BY LBG ON 9/17/2009.

APPENDIX 1

ChemServe ENVIRONMENTAL ANALYSTS

317 Elm Street
Milford, NH 03055

(603) 673-5440
Fax (603) 673-0366
Sales@chemservelab.com

Friday, September 11, 2009

John Diego
Leggette, Brashears & Graham
76 Pearl St. Suite 203
Essex Junction VT 05452

RECEIVED
SEP 18 2009
BY:

Project Name: Husky ISI
Project #: 2009.HUSKYI.00
Project Location: Milton, VT
Control #: 75304

Lab ID: 09090042
Date Received: 9/2/2009

Dear John Diego

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed ChemServe chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx

Heather Beaudoin - QA/QC Manager

Jay Chrystal - President/Laboratory Director

This report includes 12 pages.

ACCREDITED IN ACCORDANCE WITH nelac

Certificate Number 1008

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Leggette, Brashears & Graham
John Diego
76 Pearl St. Suite 203
Essex Junction VT 05452

Control #: 75304
Project Number: 2009.HUSKYI.00
Project Name: Husky ISI
Project Location: Milton, VT

Lab ID: 09090042
Date: 9/11/2009

Lab ID: 09090042

Sample Receiving and Comment Summary

Were Samples Submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling?	Yes
Were samples for Volatile organic analysis free of headspace (per method)?	Yes
Was the cooler temperature recorded?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
If samples for dissolved metals were not filtered were they filtered in the lab?	No

Sample	Method	Client Identity	Matrix	Analyst
09090042-001	SW 8270C	RW	Groundwater	ChrisK

Comment:

Sample	Method	Client Identity	Matrix	Analyst
09090042-001	SW 9056	RW	Groundwater	LyleH

Comment: Halogens as Chloride

Sample	Method	Client Identity	Matrix	Analyst
09090042-001	SW 8270C	RW	Groundwater	ChrisK

Comment: Some surrogate recoveries outside the control limits due to sample specific matrix interference.

Sample	Method	Client Identity	Matrix	Analyst
09090042-001	SW 8015	RW	Groundwater	ChrisK

Comment: The sample pattern does not match any laboratory standard patterns. The carbon range for the reported result is C12-C36.

Sample	Method	Client Identity	Matrix	Analyst
09090042-001	SW 8260B	RW	Groundwater	TimD

Comment: Non target compounds present.

** Blank comment sections denote "No Comment"*

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Control #: 75304
Project Number: 2009.HUSKYI.00
Project Name: Husky ISI
Project Location: Milton, VT

Analytical Results

Lab ID: 09090042
Date: 9/11/2009

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 3005A	RW		Groundwater	CharleneF

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/3/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 3510C	RW		Groundwater	CalebH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction 8270C				9/3/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 6010B	RW	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Antimony	7440-36-0	< 0.05 mg/L		9/3/2009	1	0.05
Arsenic	7440-38-2	0.058 mg/L		9/3/2009	1	0.05
Beryllium	7440-41-7	< 0.003 mg/L		9/3/2009	1	0.003
Cadmium	7440-43-9	< 0.005 mg/L		9/3/2009	1	0.005
Chromium	7440-47-3	0.043 mg/L		9/3/2009	1	0.01
Copper	7440-50-8	0.140 mg/L		9/3/2009	1	0.01
Lead	7439-92-1	0.055 mg/L		9/4/2009	1	0.03
Nickel	7440-02-0	0.132 mg/L		9/3/2009	1	0.01
Selenium	7782-49-2	< 0.05 mg/L		9/3/2009	1	0.05
Silver	7440-22-4	< 0.007 mg/L		9/3/2009	1	0.007
Thallium	7440-28-0	< 0.1 mg/L		9/3/2009	1	0.1
Zinc	7440-66-6	0.332 mg/L		9/3/2009	1	0.01

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 7470A	RW	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Mercury	7439-97-6	< 0.00022 mg/L		9/9/2009	1.1	0.0002

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8015	RW		Groundwater	CalebH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/3/2009	1	0
TPH as Diesel		< 5400 ug/L		9/9/2009	53.76	5400
TPH as Lube Oil		920000 ug/L		9/9/2009	53.76	5400

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8260B	RW	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 10 ug/L		9/10/2009	10	10
1,1,1-Trichloroethane	71-55-6	< 10 ug/L		9/10/2009	10	10
1,1,2,2-Tetrachloroethane	79-34-5	< 10 ug/L		9/10/2009	10	10
1,1,2-Trichloroethane	79-00-5	< 10 ug/L		9/10/2009	10	10
1,1-Dichloroethane	75-34-3	< 10 ug/L		9/10/2009	10	10
1,1-Dichloroethene	75-35-4	< 10 ug/L		9/10/2009	10	10
1,1-Dichloropropene	563-58-6	< 10 ug/L		9/10/2009	10	10
1,2,3-Trichlorobenzene	87-61-6	< 10 ug/L		9/10/2009	10	10
1,2,3-Trichloropropane	96-18-4	< 10 ug/L		9/10/2009	10	10
1,2,4-Trichlorobenzene	120-82-1	< 10 ug/L		9/10/2009	10	10
1,2,4-Trimethylbenzene	95-63-6	< 10 ug/L		9/10/2009	10	10
1,2-Dibromo-3-Chloropropane	96-12-8	< 10 ug/L		9/10/2009	10	10
1,2-Dibromoethane	106-93-4	< 10 ug/L		9/10/2009	10	10
1,2-Dichlorobenzene	95-50-1	< 10 ug/L		9/10/2009	10	10
1,2-Dichloroethane	107-06-2	< 10 ug/L		9/10/2009	10	10
1,2-Dichloropropane	78-87-5	< 10 ug/L		9/10/2009	10	10
1,3,5-Trichlorobenzene	108-70-3	< 10 ug/L		9/10/2009	10	10
1,3,5-Trimethylbenzene	108-67-8	< 10 ug/L		9/10/2009	10	10
1,3-Dichlorobenzene	541-73-1	< 10 ug/L		9/10/2009	10	10

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8260B	RW	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,3-Dichloropropane	142-28-9	< 10 ug/L		9/10/2009	10	10
1,4-Dichlorobenzene	106-46-7	< 10 ug/L		9/10/2009	10	10
1,4-Dioxane	123-91-1	< 200 ug/L		9/10/2009	10	200
2,2-Dichloropropane	594-20-7	< 10 ug/L		9/10/2009	10	10
2-Butanone	78-93-3	< 100 ug/L		9/10/2009	10	100
2-Chloroethyl Vinyl Ether	110-75-8	< 100 ug/L		9/10/2009	10	100
2-Chlorotoluene	95-49-8	< 10 ug/L		9/10/2009	10	10
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 10 ug/L		9/10/2009	10	10
2-Hexanone	591-78-6	< 100 ug/L		9/10/2009	10	100
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 10 ug/L		9/10/2009	10	10
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 10 ug/L		9/10/2009	10	10
2-Methyl-2-Propanol (TBA)	75-65-0	< 200 ug/L		9/10/2009	10	200
4-Chlorotoluene	106-43-4	< 10 ug/L		9/10/2009	10	10
4-Isopropyltoluene	99-87-6	< 10 ug/L		9/10/2009	10	10
4-Methyl-2-Pentanone	108-10-1	< 100 ug/L		9/10/2009	10	100
Acetone	67-64-1	8800 ug/L		9/10/2009	50	2500
Acrolein	107-02-8	< 50 ug/L		9/10/2009	10	50
Acrylonitrile	107-13-1	< 50 ug/L		9/10/2009	10	50
Benzene	71-43-2	< 10 ug/L		9/10/2009	10	10
Bromobenzene	108-86-1	< 10 ug/L		9/10/2009	10	10
Bromochloromethane	74-97-5	< 10 ug/L		9/10/2009	10	10
Bromodichloromethane	75-27-4	< 6 ug/L		9/10/2009	10	6
Bromoform	75-25-2	< 10 ug/L		9/10/2009	10	10
Bromomethane	74-83-9	< 10 ug/L		9/10/2009	10	10
Carbon Disulfide	75-15-0	< 10 ug/L		9/10/2009	10	10
Carbon Tetrachloride	56-23-5	< 10 ug/L		9/10/2009	10	10
Chlorobenzene	108-90-7	< 10 ug/L		9/10/2009	10	10
Chloroethane	75-00-3	< 10 ug/L		9/10/2009	10	10
Chloroform	67-66-3	< 10 ug/L		9/10/2009	10	10
Chloromethane	74-87-3	< 10 ug/L		9/10/2009	10	10
Cis-1,2-Dichloroethene	156-59-2	< 10 ug/L		9/10/2009	10	10
Cis-1,3-Dichloropropene	10061-01-5	< 10 ug/L		9/10/2009	10	10

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8260B	RW	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Dibromochloromethane	124-48-1	< 10 ug/L		9/10/2009	10	10
Dibromomethane	74-95-3	< 10 ug/L		9/10/2009	10	10
Dichlorodifluoromethane	75-71-8	< 10 ug/L		9/10/2009	10	10
Diethyl Ether	60-29-7	< 50 ug/L		9/10/2009	10	50
Di-Isopropyl Ether	108-20-3	< 10 ug/L		9/10/2009	10	10
Ethylbenzene	100-41-4	< 10 ug/L		9/10/2009	10	10
Hexachlorobutadiene	87-68-3	< 5 ug/L		9/10/2009	10	5
Isopropylbenzene	98-82-8	< 10 ug/L		9/10/2009	10	10
M/P-Xylene		< 10 ug/L		9/10/2009	10	10
Methylene Chloride	75-09-2	< 50 ug/L		9/10/2009	10	50
Naphthalene	91-20-3	< 10 ug/L		9/10/2009	10	10
N-Butylbenzene	104-51-8	< 10 ug/L		9/10/2009	10	10
N-Propylbenzene	103-65-1	< 10 ug/L		9/10/2009	10	10
O-Xylene	95-47-6	< 10 ug/L		9/10/2009	10	10
Sec-Butylbenzene	135-98-8	< 10 ug/L		9/10/2009	10	10
Styrene	100-42-5	< 10 ug/L		9/10/2009	10	10
Tert-Butylbenzene	98-06-6	< 10 ug/L		9/10/2009	10	10
Tetrachloroethene	127-18-4	< 10 ug/L		9/10/2009	10	10
Tetrahydrofuran	109-99-9	< 50 ug/L		9/10/2009	10	50
Toluene	108-88-3	32 ug/L		9/10/2009	10	10
Trans-1,2-Dichloroethene	156-60-5	< 10 ug/L		9/10/2009	10	10
Trans-1,3-Dichloropropene	10061-02-6	< 10 ug/L		9/10/2009	10	10
Trichloroethene	79-01-6	< 10 ug/L		9/10/2009	10	10
Trichlorofluoromethane	75-69-4	< 10 ug/L		9/10/2009	10	10
Vinyl Chloride	75-01-4	< 10 ug/L		9/10/2009	10	10

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8270C	RW	ug/L	Groundwater	ChrisK

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,2,4-Trichlorobenzene	120-82-1	< 21 ug/L		9/9/2009	2.06	21
1,2-Dichlorobenzene	95-50-1	< 21 ug/L		9/9/2009	2.06	21
1,2-Diphenylhydrazine (As Azobenzene)	122-66-7	< 21 ug/L		9/9/2009	2.06	21

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8270C	RW	ug/L	Groundwater	ChrisK

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,3-Dichlorobenzene	541-73-1	< 21 ug/L		9/9/2009	2.06	21
1,4-Dichlorobenzene	106-46-7	< 21 ug/L		9/9/2009	2.06	21
2,4,5-Trichlorophenol	95-95-4	< 21 ug/L		9/9/2009	2.06	21
2,4,6-Trichlorophenol	88-06-2	< 21 ug/L		9/9/2009	2.06	21
2,4-Dichlorophenol	120-83-2	< 21 ug/L		9/9/2009	2.06	21
2,4-Dimethylphenol	105-67-9	< 21 ug/L		9/9/2009	2.06	21
2,4-Dinitrophenol	51-28-5	< 21 ug/L		9/9/2009	2.06	21
2,4-Dinitrotoluene	121-14-2	< 21 ug/L		9/9/2009	2.06	21
2,6-Dinitrotoluene	606-20-2	< 21 ug/L		9/9/2009	2.06	21
2-Chloronaphthalene	91-58-7	< 21 ug/L		9/9/2009	2.06	21
2-Chlorophenol	95-57-8	< 21 ug/L		9/9/2009	2.06	21
2-Methylnaphthalene	91-57-6	< 21 ug/L		9/9/2009	2.06	21
2-Methylphenol	95-48-7	< 21 ug/L		9/9/2009	2.06	21
2-Nitroaniline	88-74-4	< 21 ug/L		9/9/2009	2.06	21
2-Nitrophenol	88-75-5	< 21 ug/L		9/9/2009	2.06	21
3&4-Methylphenol		< 21 ug/L		9/9/2009	2.06	21
3,3-Dichlorobenzidine	91-94-1	< 21 ug/L		9/9/2009	2.06	21
3-Nitroaniline	99-09-2	< 21 ug/L		9/9/2009	2.06	21
4,6-Dinitro-2-Methylphenol	534-52-1	< 21 ug/L		9/9/2009	2.06	21
4-Bromophenyl Phenyl Ether	101-55-3	< 21 ug/L		9/9/2009	2.06	21
4-Chloro-3-Methylphenol	59-50-7	< 21 ug/L		9/9/2009	2.06	21
4-Chloroaniline	106-47-8	< 21 ug/L		9/9/2009	2.06	21
4-Chlorophenyl Phenyl Ether	7005-72-3	< 21 ug/L		9/9/2009	2.06	21
4-Nitroaniline	100-01-6	< 21 ug/L		9/9/2009	2.06	21
4-Nitrophenol	100-02-7	< 21 ug/L		9/9/2009	2.06	21
Acenaphthene	83-32-9	< 21 ug/L		9/9/2009	2.06	21
Acenaphthylene	208-96-8	< 21 ug/L		9/9/2009	2.06	21
Aniline		< 21 ug/L		9/9/2009	2.06	21
Anthracene	120-12-7	< 21 ug/L		9/9/2009	2.06	21
Benzo[A]Anthracene	56-55-3	< 21 ug/L		9/9/2009	2.06	21
Benzo[A]Pyrene	50-32-8	< 21 ug/L		9/9/2009	2.06	21
Benzo[B]Fluoranthene	205-99-2	< 21 ug/L		9/9/2009	2.06	21

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8270C	RW	ug/L	Groundwater	ChrisK

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Benzo[G,H,I]Perylene	191-24-2	< 21 ug/L		9/9/2009	2.06	21
Benzo[K]Fluoranthene	207-08-9	< 21 ug/L		9/9/2009	2.06	21
Benzoic Acid	65-85-0	< 21 ug/L	LL	9/9/2009	2.06	21
Benzyl Alcohol	100-51-6	< 21 ug/L		9/9/2009	2.06	21
Bis(2-Chloroethoxy)Methane	111-91-1	< 21 ug/L		9/9/2009	2.06	21
Bis(2-Chloroethyl)Ether	111-44-4	< 21 ug/L		9/9/2009	2.06	21
Bis(2-Chloroisopropyl)Ether	108-60-1	< 21 ug/L		9/9/2009	2.06	21
Bis(2-Ethylhexyl)Phthalate	117-81-7	39 ug/L		9/9/2009	2.06	21
Butylbenzylphthalate	85-68-7	< 21 ug/L		9/9/2009	2.06	21
Chrysene	218-01-9	< 21 ug/L		9/9/2009	2.06	21
Dibenz[A,H]Anthracene	53-70-3	< 21 ug/L		9/9/2009	2.06	21
Dibenzofuran	132-64-9	< 21 ug/L		9/9/2009	2.06	21
Diethylphthalate	84-66-2	< 21 ug/L		9/9/2009	2.06	21
Dimethylphthalate	131-11-3	< 21 ug/L		9/9/2009	2.06	21
Di-N-Butylphthalate	84-74-2	< 21 ug/L		9/9/2009	2.06	21
Di-N-Octylphthalate	117-84-0	< 21 ug/L		9/9/2009	2.06	21
Fluoranthene	206-44-0	< 21 ug/L		9/9/2009	2.06	21
Fluorene	86-73-7	< 21 ug/L		9/9/2009	2.06	21
Hexachlorobenzene	118-74-1	< 21 ug/L		9/9/2009	2.06	21
Hexachlorobutadiene	87-68-3	< 21 ug/L		9/9/2009	2.06	21
Hexachlorocyclopentadiene	77-47-4	< 21 ug/L		9/9/2009	2.06	21
Hexachloroethane	67-72-1	< 21 ug/L		9/9/2009	2.06	21
Indeno[1,2,3-Cd]Pyrene	193-39-5	< 21 ug/L		9/9/2009	2.06	21
Isophorone	78-59-1	< 21 ug/L		9/9/2009	2.06	21
Naphthalene	91-20-3	< 21 ug/L		9/9/2009	2.06	21
Nitrobenzene	98-95-3	< 21 ug/L		9/9/2009	2.06	21
N-Nitrosodimethylamine	62-75-9	< 21 ug/L		9/9/2009	2.06	21
N-Nitroso-Di-N-Propylamine	621-64-7	< 21 ug/L		9/9/2009	2.06	21
N-Nitrosodiphenylamine	86-30-6	< 21 ug/L		9/9/2009	2.06	21
Pentachlorophenol	87-86-5	< 21 ug/L		9/9/2009	2.06	21
Phenanthrene	85-01-8	< 21 ug/L		9/9/2009	2.06	21
Phenol	108-95-2	< 21 ug/L		9/9/2009	2.06	21

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 8270C	RW	ug/L	Groundwater	ChrisK

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Pyrene	129-00-0	< 21 ug/L		9/9/2009	2.06	21

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-001	SW 9056	RW	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloride	7782-50-5	61.5 mg/L		9/4/2009	50	50

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-002	SW 3005A	RW Dissolved		Groundwater	CharleneF

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/3/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-002	SW 6010B	RW Dissolved	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Antimony	7440-36-0	< 0.05 mg/L		9/3/2009	1	0.05
Arsenic	7440-38-2	< 0.05 mg/L		9/3/2009	1	0.05
Beryllium	7440-41-7	< 0.003 mg/L		9/3/2009	1	0.003
Cadmium	7440-43-9	< 0.005 mg/L		9/3/2009	1	0.005
Chromium	7440-47-3	0.013 mg/L		9/3/2009	1	0.01
Copper	7440-50-8	0.030 mg/L		9/3/2009	1	0.01
Lead	7439-92-1	< 0.03 mg/L		9/3/2009	1	0.03
Nickel	7440-02-0	0.069 mg/L		9/3/2009	1	0.01
Selenium	7782-49-2	< 0.05 mg/L		9/3/2009	1	0.05
Silver	7440-22-4	< 0.007 mg/L		9/3/2009	1	0.007
Thallium	7440-28-0	< 0.1 mg/L		9/3/2009	1	0.1
Zinc	7440-66-6	0.161 mg/L		9/3/2009	1	0.01

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090042-002	SW 7470A	RW Dissolved	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/1/2009 10:10:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Mercury	7439-97-6	< 0.00021 mg/L		9/9/2009	1.05	0.0002

Qualifier:	Description:
B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.

ChemServe ENVIRONMENTAL ANALYSTS

Surrogate Report

Client: Leggette, Brashears & Graham **Order #:** 09090042

Matrix: **Groundwater**

Units: ug/L						
Sample Number	Surrogate	Method	Percent Recovery	Surrogate Amount	Surrogate Result	Control Limits
09090042-001	4-Bromofluorobenzene	SW 8260B	97.4	20	19.48	14-26
09090042-001	Dibromofluoromethane	SW 8260B	87.65	20	17.53	14-26
09090042-001	Toluene-d8	SW 8260B	94.05	20	18.81	14-26

Units: ug/L						
Sample Number	Surrogate	Method	Percent Recovery	Surrogate Amount	Surrogate Result	Control Limits
09090042-001	2,4,6-Tribromophenol	SW 8270C	141.76	50	70.88	7.5-55
09090042-001	2-Fluorobiphenyl	SW 8270C	48.96	50	24.48	15-65
09090042-001	2-Fluorophenol	SW 8270C	6.84	50	3.42	7.5-55
09090042-001	Nitrobenzene-d5	SW 8270C	26.8	50	13.4	15-65
09090042-001	Phenol-d6	SW 8270C	28.16	50	14.08	7.5-55
09090042-001	Terphenyl-d14	SW 8270C	20.48	50	10.24	15-65

Chain of Custody No. 75304

Multiple COC's Yes (No)

ChemServe ENVIRONMENTAL ANALYSTS

CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

(A) CUSTOMER INFORMATION

CUSTOMER: LBG
ADDRESS: 76 Pearl Street, Suite 203
CITY/STATE/ZIP: Essex Jct, VT 05452
TELEPHONE: 802-288-9600
REPORT TO: John Diego
P.O. NUMBER: —

(B) PROJECT INFORMATION

JOB NAME: Husky ISI
JOB NUMBER: 2009.HUSKYI.00
LOCATION: Milton, VT
TELEPHONE: —
CONTACT: —
QUOTE NUMBER: HH140901

(C) SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:) (STANDARD) RUSH
RUSH T.A.T. _____ (CHECK w/LAB)
MCP ☐ YES ☐ NO ☐ GWI ☐ GW2 ☐ GW3

STATION # (D)	SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED (F) DATE	COLLECTED (G) TIME	SAMPLE TYPE GRAB (H)	SAMPLE TYPE COMP (H)	(I) MATRIX SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	(J) # OF CONTAINERS	(K) CONTAINER AND PRESERVATIVE: 40 ml VOA, HCl	1 L amber, unpreserved	1 L amber, HCl	1 500 ml, HNO3	1 500 ml, HNO3						(L) ANALYSIS
	RW	9/1/09	0925	X		L	2	X										8260
	RW	↓	0940	↓		↓	2		X									full list 8270 / % Halogens 9056/5050
	RW	↓	0949	↓		↓	2			X								8015 DRO
	RW	↓	0952	↓		↓	1				X							13 pp metals (total)
	RW	↓	1010	↓		↓	1					X						13 pp metals (dissolved)

(M) CUSTODY

SAMPLER: Kate Crawford (print name)
SIGNATURE: Kate Crawford

	DATE	MILITARY TIME
	9/1/09	1635
RELINQUISHED: Kate Crawford	9/1/09	1700
RECEIVED:		
RELINQUISHED:		
RECEIVED FOR LAB: Victoria L Ricott	9/2/09	1030

SAMPLE CHECK LIST:
RECEIVED WITHIN HOLD TIME (YES) OR NO
RECEIVED IN GOOD CONDITION (YES) OR NO
TEMP BLANK 4 °C
(SHIPPED) OR HAND DELIVERED
SAMPLES WERE PROPERLY PRESERVED (YES) NO N/A
SAMPLES WERE FILTERED IN (FIELD) LAB (N/A)
IF NO EXPLAIN:

GROUP # 09090042 9/10

FIELD READING(S) & COMMENTS:

ChemServe ENVIRONMENTAL ANALYSTS

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Friday, October 02, 2009

John Diego
Leggette, Brashears & Graham
76 Pearl St. Suite 203
Essex Junction VT 05452

RECEIVED OCT 08 2009 BY: DR

Project Name: 2009.HuskyC.00
Project #: Husky Coolant
Project Location: Milton, VT
Control #: 75308

Lab ID: 09090299
Date Received: 9/22/2009

Dear John Diego

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed ChemServe chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx

Heather Beaudoin - QA/QC Manager

Jay Chrystal - President/Laboratory Director

This report includes 4 ~~32~~ pages. DR

ACCREDITED IN ACCORDANCE WITH nelac
Certificate Number 1008

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John Diego
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Essex Junction VT 05452

Control #: 75308
Project Number: Husky Coolant
Project Name: 2009.HuskyC.00
Project Location: Milton, VT

Lab ID: 09090299
Date: 10/2/2009

Lab ID: 09090299

Sample Receiving and Comment Summary

Were Samples Submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling?	Yes
Were samples for Volatile organic analysis free of headspace (per method)?	Yes
Was the cooler temperature recorded?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
If samples for dissolved metals were not filtered were they filtered in the lab?	N/A

Sample	Method	Client Identity	Matrix	Analyst
09090299-004	SW 8015	MW-4	Groundwater	ChrisK

Comment: The sample pattern does not match any laboratory standard patterns. The carbon range for the reported result is C9-C36.

Sample	Method	Client Identity	Matrix	Analyst
09090299-006	SW 8015	MW-6	Groundwater	ChrisK

Comment: The sample pattern does not match the laboratory standard patterns. The carbon range for the reported result is C10-C36.

** Blank comment sections denote "No Comment"*

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Leggette, Brashears & Graham
John Diego
76 Pearl St. Suite 203
Essex Junction VT 05452

Control #: 75308
Project Number: Husky Coolant
Project Name: 2009.HuskyC.00
Project Location: Milton, VT

Analytical Results

Lab ID: 09090299
Date: 10/2/2009

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 3005A	MW-1		Groundwater	CharleneF

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/25/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 6010B	MW-1	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nickel	7440-02-0	< 0.01 mg/L		9/25/2009	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 8015	MW-1		Groundwater	CalebH

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/23/2009	1	0
TPH as Diesel		< 100 ug/L		9/24/2009	1.02	100
TPH as Lube Oil		< 100 ug/L		9/24/2009	1.02	100

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 8260B	MW-1	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/23/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/23/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/23/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/23/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 8260B	MW-1	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/23/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/23/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/23/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/23/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/23/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/23/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/23/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/23/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/23/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/23/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/23/2009	1	1
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/23/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/23/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/23/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/23/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/23/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/23/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/23/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/23/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/23/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/23/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/23/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/23/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/23/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/23/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/23/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/23/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/23/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/23/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/23/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/23/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 8260B	MW-1	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/23/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/23/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/23/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/23/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/23/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/23/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/23/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/23/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/23/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/23/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/23/2009	1	1
Dibromochloromethane	124-48-1	< 1 ug/L		9/23/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/23/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/23/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/23/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/23/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/23/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/23/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/23/2009	1	1
M/P-Xylene		< 1 ug/L		9/23/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/23/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/23/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/23/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/23/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/23/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/23/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/23/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/23/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/23/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/23/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/23/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 8260B	MW-1	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/23/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/23/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/23/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/23/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-001	SW 9056	MW-1	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 1:18:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloride	7782-50-5	21.0 mg/L		9/28/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 3005A	MW-2		Groundwater	CharleneF

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/25/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 6010B	MW-2	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nickel	7440-02-0	< 0.01 mg/L		9/25/2009	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 8015	MW-2		Groundwater	CalebH

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/23/2009	1	0
TPH as Diesel		< 100 ug/L		9/24/2009	1.02	100
TPH as Lube Oil		< 100 ug/L		9/24/2009	1.02	100

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 8260B	MW-2	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/23/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/23/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/23/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/23/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/23/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/23/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/23/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/23/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/23/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/23/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/23/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/23/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/23/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/23/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/23/2009	1	1
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/23/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/23/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/23/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/23/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/23/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/23/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/23/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/23/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/23/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/23/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/23/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/23/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 8260B	MW-2	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/23/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/23/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/23/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/23/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/23/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/23/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/23/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/23/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/23/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/23/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/23/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/23/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/23/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/23/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/23/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/23/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/23/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/23/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/23/2009	1	1
Dibromochloromethane	124-48-1	< 1 ug/L		9/23/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/23/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/23/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/23/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/23/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/23/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/23/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/23/2009	1	1
M/P-Xylene		< 1 ug/L		9/23/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/23/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/23/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/23/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 8260B	MW-2	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
O-Xylene	95-47-6	< 1 ug/L		9/23/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/23/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/23/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/23/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/23/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/23/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/23/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/23/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/23/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/23/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/23/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/23/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-002	SW 9056	MW-2	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 11:48:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloride	7782-50-5	10.3 mg/L		9/28/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 3005A	MW-3		Groundwater	CharleneF

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/25/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 6010B	MW-3	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nickel	7440-02-0	< 0.01 mg/L		9/25/2009	1	0.01

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 8015	MW-3		Groundwater	CalebH

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/23/2009	1	0
TPH as Diesel		< 100 ug/L		9/24/2009	1.03	100
TPH as Lube Oil		< 100 ug/L		9/24/2009	1.03	100

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 8260B	MW-3	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/23/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/23/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/23/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/23/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/23/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/23/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/23/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/23/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/23/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/23/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/23/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/23/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/23/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/23/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/23/2009	1	1
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/23/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/23/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/23/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/23/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/23/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/23/2009	1	10

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 8260B	MW-3	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
2-Chlorotoluene	95-49-8	< 1 ug/L		9/23/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/23/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/23/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/23/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/23/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/23/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/23/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/23/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/23/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/23/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/23/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/23/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/23/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/23/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/23/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/23/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/23/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/23/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/23/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/23/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/23/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/23/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/23/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/23/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/23/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/23/2009	1	1
Dibromochloromethane	124-48-1	< 1 ug/L		9/23/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/23/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/23/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/23/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/23/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 8260B	MW-3	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/23/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/23/2009	1	1
M/P-Xylene		< 1 ug/L		9/23/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/23/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/23/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/23/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/23/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/23/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/23/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/23/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/23/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/23/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/23/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/23/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/23/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/23/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/23/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/23/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/23/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-003	SW 9056	MW-3	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 10:55:00 AM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloride	7782-50-5	10.3 mg/L		9/28/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 3005A	MW-4		Groundwater	CharleneF

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/25/2009	1	0

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 6010B	MW-4	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nickel	7440-02-0	< 0.01 mg/L		9/25/2009	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 8015	MW-4		Groundwater	CalebH

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/23/2009	1	0
TPH as Diesel		700 ug/L		9/24/2009	1.03	100
TPH as Lube Oil		< 100 ug/L		9/24/2009	1.03	100

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 8260B	MW-4	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/23/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/23/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/23/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/23/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/23/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/23/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/23/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/23/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/23/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/23/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/23/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/23/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/23/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/23/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 8260B	MW-4	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/23/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/23/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/23/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/23/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/23/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/23/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/23/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/23/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/23/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/23/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/23/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/23/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/23/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/23/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/23/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/23/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/23/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/23/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/23/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/23/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/23/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/23/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/23/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/23/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/23/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/23/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/23/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/23/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/23/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/23/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/23/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 8260B	MW-4	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Dibromochloromethane	124-48-1	< 1 ug/L		9/23/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/23/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/23/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/23/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/23/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/23/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/23/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/23/2009	1	1
M/P-Xylene		< 1 ug/L		9/23/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/23/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/23/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/23/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/23/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/23/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/23/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/23/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/23/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/23/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/23/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/23/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/23/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/23/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/23/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/23/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/23/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-004	SW 9056	MW-4	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 3:40:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloride	7782-50-5	5.91 mg/L		9/28/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 3005A	MW-5		Groundwater	CharleneF

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				9/25/2009	1	0

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 6010B	MW-5	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nickel	7440-02-0	0.135 mg/L		9/25/2009	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 8015	MW-5		Groundwater	CalebH

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/23/2009	1	0
TPH as Diesel		< 100 ug/L		9/24/2009	1.03	100
TPH as Lube Oil		< 100 ug/L		9/24/2009	1.03	100

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 8260B	MW-5	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/23/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/23/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/23/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/23/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/23/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/23/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/23/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/23/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/23/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/23/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/23/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 8260B	MW-5	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/23/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/23/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/23/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/23/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/23/2009	1	1
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/23/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/23/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/23/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/23/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/23/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/23/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/23/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/23/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/23/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/23/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/23/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/23/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/23/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/23/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/23/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/23/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/23/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/23/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/23/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/23/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/23/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/23/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/23/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/23/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/23/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/23/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 8260B	MW-5	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloroethane	75-00-3	< 1 ug/L		9/23/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/23/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/23/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/23/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/23/2009	1	1
Dibromochloromethane	124-48-1	< 1 ug/L		9/23/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/23/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/23/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/23/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/23/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/23/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/23/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/23/2009	1	1
M/P-Xylene		< 1 ug/L		9/23/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/23/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/23/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/23/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/23/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/23/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/23/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/23/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/23/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/23/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/23/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/23/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/23/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/23/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/23/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/23/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/23/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-005	SW 9056	MW-5	mg/L	Groundwater	LyleH

Start Date/Time Sampled: 9/17/2009 12:45:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Chloride	7782-50-5	24.1 mg/L		9/28/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-006	SW 8015	MW-6		Groundwater	CalebH

Start Date/Time Sampled: 9/17/2009 5:00:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Extraction SW 8015				9/23/2009	1	0
TPH as Diesel		< 120 ug/L		9/24/2009	1.15	120
TPH as Lube Oil		1400 ug/L		9/24/2009	1.15	120

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-006	SW 8260B	MW-6	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 5:00:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/24/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/24/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/24/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/24/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/24/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/24/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/24/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/24/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/24/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/24/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/24/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/24/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/24/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/24/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-006	SW 8260B	MW-6	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 5:00:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/24/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/24/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/24/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/24/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/24/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/24/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/24/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/24/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/24/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/24/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/24/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/24/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/24/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/24/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/24/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/24/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/24/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/24/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/24/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/24/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/24/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/24/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/24/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/24/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/24/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/24/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/24/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/24/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/24/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/24/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/24/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-006	SW 8260B	MW-6	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 5:00:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Dibromochloromethane	124-48-1	< 1 ug/L		9/24/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/24/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/24/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/24/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/24/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/24/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/24/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/24/2009	1	1
M/P-Xylene		< 1 ug/L		9/24/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/24/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/24/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/24/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/24/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/24/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/24/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/24/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/24/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/24/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/24/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/24/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/24/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/24/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/24/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/24/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/24/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-007	SW 8260B	Dup	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 2:44:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/24/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/24/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-007	SW 8260B	Dup	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 2:44:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/24/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/24/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/24/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/24/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/24/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/24/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/24/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/24/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/24/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/24/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/24/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/24/2009	1	1
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/24/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/24/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/24/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/24/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/24/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/24/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/24/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/24/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/24/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/24/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/24/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/24/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/24/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/24/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/24/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/24/2009	1	50

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-007	SW 8260B	Dup	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 2:44:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Acrolein	107-02-8	< 5 ug/L		9/24/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/24/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/24/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/24/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/24/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/24/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/24/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/24/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/24/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/24/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/24/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/24/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/24/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/24/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/24/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/24/2009	1	1
Dibromochloromethane	124-48-1	< 1 ug/L		9/24/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/24/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/24/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/24/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/24/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/24/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/24/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/24/2009	1	1
M/P-Xylene		< 1 ug/L		9/24/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/24/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/24/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/24/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/24/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/24/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/24/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-007	SW 8260B	Dup	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 2:44:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/24/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/24/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/24/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/24/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/24/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/24/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/24/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/24/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/24/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-008	SW 8260B	Field Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 12:15:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/24/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/24/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/24/2009	1	1
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/24/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/24/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/24/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/24/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/24/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/24/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/24/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/24/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/24/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/24/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/24/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-008	SW 8260B	Field Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 12:15:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/24/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/24/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/24/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/24/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/24/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/24/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/24/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/24/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/24/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/24/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/24/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/24/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/24/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/24/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/24/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/24/2009	1	50
Acrolein	107-02-8	< 5 ug/L		9/24/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/24/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/24/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/24/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/24/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/24/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/24/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/24/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/24/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/24/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/24/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/24/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/24/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/24/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/24/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-008	SW 8260B	Field Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 12:15:00 PM **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Dibromochloromethane	124-48-1	< 1 ug/L		9/24/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/24/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/24/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/24/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/24/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/24/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/24/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/24/2009	1	1
M/P-Xylene		< 1 ug/L		9/24/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/24/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/24/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/24/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/24/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/24/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/24/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/24/2009	1	1
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/24/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/24/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/24/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/24/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/24/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/24/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/24/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/24/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/24/2009	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-009	SW 8260B	Trip Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,1,2-Tetrachloroethane	630-20-6	< 1 ug/L		9/24/2009	1	1
1,1,1-Trichloroethane	71-55-6	< 1 ug/L		9/24/2009	1	1
1,1,2,2-Tetrachloroethane	79-34-5	< 1 ug/L		9/24/2009	1	1

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-009	SW 8260B	Trip Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
1,1,2-Trichloroethane	79-00-5	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethane	75-34-3	< 1 ug/L		9/24/2009	1	1
1,1-Dichloroethene	75-35-4	< 1 ug/L		9/24/2009	1	1
1,1-Dichloropropene	563-58-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichlorobenzene	87-61-6	< 1 ug/L		9/24/2009	1	1
1,2,3-Trichloropropane	96-18-4	< 1 ug/L		9/24/2009	1	1
1,2,4-Trichlorobenzene	120-82-1	< 1 ug/L		9/24/2009	1	1
1,2,4-Trimethylbenzene	95-63-6	< 1 ug/L		9/24/2009	1	1
1,2-Dibromo-3-Chloropropane	96-12-8	< 1 ug/L		9/24/2009	1	1
1,2-Dibromoethane	106-93-4	< 1 ug/L		9/24/2009	1	1
1,2-Dichlorobenzene	95-50-1	< 1 ug/L		9/24/2009	1	1
1,2-Dichloroethane	107-06-2	< 1 ug/L		9/24/2009	1	1
1,2-Dichloropropane	78-87-5	< 1 ug/L		9/24/2009	1	1
1,3,5-Trichlorobenzene	108-70-3	< 1 ug/L		9/24/2009	1	1
1,3,5-Trimethylbenzene	108-67-8	< 1 ug/L		9/24/2009	1	1
1,3-Dichlorobenzene	541-73-1	< 1 ug/L		9/24/2009	1	1
1,3-Dichloropropane	142-28-9	< 1 ug/L		9/24/2009	1	1
1,4-Dichlorobenzene	106-46-7	< 1 ug/L		9/24/2009	1	1
1,4-Dioxane	123-91-1	< 20 ug/L		9/24/2009	1	20
2,2-Dichloropropane	594-20-7	< 1 ug/L		9/24/2009	1	1
2-Butanone	78-93-3	< 10 ug/L		9/24/2009	1	10
2-Chloroethyl Vinyl Ether	110-75-8	< 10 ug/L		9/24/2009	1	10
2-Chlorotoluene	95-49-8	< 1 ug/L		9/24/2009	1	1
2-Ethoxy-2-Methyl Propane (ETBE)	637-92-3	< 1 ug/L		9/24/2009	1	1
2-Hexanone	591-78-6	< 10 ug/L		9/24/2009	1	10
2-Methoxy-2-Methyl Butane (TAME)	994-05-8	< 1 ug/L		9/24/2009	1	1
2-Methoxy-2-Methyl Propane (MTBE)	1634-04-4	< 1 ug/L		9/24/2009	1	1
2-Methyl-2-Propanol (TBA)	75-65-0	< 20 ug/L		9/24/2009	1	20
4-Chlorotoluene	106-43-4	< 1 ug/L		9/24/2009	1	1
4-Isopropyltoluene	99-87-6	< 1 ug/L		9/24/2009	1	1
4-Methyl-2-Pentanone	108-10-1	< 10 ug/L		9/24/2009	1	10
Acetone	67-64-1	< 50 ug/L		9/24/2009	1	50

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-009	SW 8260B	Trip Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Acrolein	107-02-8	< 5 ug/L		9/24/2009	1	5
Acrylonitrile	107-13-1	< 5 ug/L		9/24/2009	1	5
Benzene	71-43-2	< 1 ug/L		9/24/2009	1	1
Bromobenzene	108-86-1	< 1 ug/L		9/24/2009	1	1
Bromochloromethane	74-97-5	< 1 ug/L		9/24/2009	1	1
Bromodichloromethane	75-27-4	< 0.6 ug/L		9/24/2009	1	0.6
Bromoform	75-25-2	< 1 ug/L		9/24/2009	1	1
Bromomethane	74-83-9	< 1 ug/L		9/24/2009	1	1
Carbon Disulfide	75-15-0	< 1 ug/L		9/24/2009	1	1
Carbon Tetrachloride	56-23-5	< 1 ug/L		9/24/2009	1	1
Chlorobenzene	108-90-7	< 1 ug/L		9/24/2009	1	1
Chloroethane	75-00-3	< 1 ug/L		9/24/2009	1	1
Chloroform	67-66-3	< 1 ug/L		9/24/2009	1	1
Chloromethane	74-87-3	< 1 ug/L		9/24/2009	1	1
Cis-1,2-Dichloroethene	156-59-2	< 1 ug/L		9/24/2009	1	1
Cis-1,3-Dichloropropene	10061-01-5	< 1 ug/L		9/24/2009	1	1
Dibromochloromethane	124-48-1	< 1 ug/L		9/24/2009	1	1
Dibromomethane	74-95-3	< 1 ug/L		9/24/2009	1	1
Dichlorodifluoromethane	75-71-8	< 1 ug/L		9/24/2009	1	1
Diethyl Ether	60-29-7	< 5 ug/L		9/24/2009	1	5
Di-Isopropyl Ether	108-20-3	< 1 ug/L		9/24/2009	1	1
Ethylbenzene	100-41-4	< 1 ug/L		9/24/2009	1	1
Hexachlorobutadiene	87-68-3	< 0.5 ug/L		9/24/2009	1	0.5
Isopropylbenzene	98-82-8	< 1 ug/L		9/24/2009	1	1
M/P-Xylene		< 1 ug/L		9/24/2009	1	1
Methylene Chloride	75-09-2	< 5 ug/L		9/24/2009	1	5
Naphthalene	91-20-3	< 1 ug/L		9/24/2009	1	1
N-Butylbenzene	104-51-8	< 1 ug/L		9/24/2009	1	1
N-Propylbenzene	103-65-1	< 1 ug/L		9/24/2009	1	1
O-Xylene	95-47-6	< 1 ug/L		9/24/2009	1	1
Sec-Butylbenzene	135-98-8	< 1 ug/L		9/24/2009	1	1
Styrene	100-42-5	< 1 ug/L		9/24/2009	1	1

317 Elm Street
Milford, NH 03055
(603) 673-5440
Sales@chemservelab.com

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
09090299-009	SW 8260B	Trip Blank	ug/L	Groundwater	TimD

Start Date/Time Sampled: 9/17/2009 **Composite End Date/Time:**

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Tert-Butylbenzene	98-06-6	< 1 ug/L		9/24/2009	1	1
Tetrachloroethene	127-18-4	< 1 ug/L		9/24/2009	1	1
Tetrahydrofuran	109-99-9	< 5 ug/L		9/24/2009	1	5
Toluene	108-88-3	< 1 ug/L		9/24/2009	1	1
Trans-1,2-Dichloroethene	156-60-5	< 1 ug/L		9/24/2009	1	1
Trans-1,3-Dichloropropene	10061-02-6	< 1 ug/L		9/24/2009	1	1
Trichloroethene	79-01-6	< 1 ug/L		9/24/2009	1	1
Trichlorofluoromethane	75-69-4	< 1 ug/L		9/24/2009	1	1
Vinyl Chloride	75-01-4	< 1 ug/L		9/24/2009	1	1

Qualifier:	Description:
B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.

ChemServe ENVIRONMENTAL ANALYSTS

Surrogate Report

Client: Leggette, Brashears & Graham **Order #:** 09090299

Matrix: **Groundwater**

Units: ug/L

Sample Number	Surrogate	Method	Percent Recovery	Surrogate Amount	Surrogate Result	Control Limits
09090299-001	4-Bromofluorobenzene	SW 8260B	87.35	20	17.47	14-26
09090299-001	Dibromofluoromethane	SW 8260B	112.7	20	22.54	14-26
09090299-001	Toluene-d8	SW 8260B	99.15	20	19.83	14-26
09090299-002	4-Bromofluorobenzene	SW 8260B	87	20	17.40	14-26
09090299-002	Dibromofluoromethane	SW 8260B	112	20	22.40	14-26
09090299-002	Toluene-d8	SW 8260B	97.3	20	19.46	14-26
09090299-003	4-Bromofluorobenzene	SW 8260B	89.2	20	17.84	14-26
09090299-003	Dibromofluoromethane	SW 8260B	110.3	20	22.06	14-26
09090299-003	Toluene-d8	SW 8260B	96.6	20	19.32	14-26
09090299-004	4-Bromofluorobenzene	SW 8260B	88.5	20	17.70	14-26
09090299-004	Dibromofluoromethane	SW 8260B	110.85	20	22.17	14-26
09090299-004	Toluene-d8	SW 8260B	98.75	20	19.75	14-26
09090299-005	4-Bromofluorobenzene	SW 8260B	90.2	20	18.04	14-26
09090299-005	Dibromofluoromethane	SW 8260B	111.55	20	22.31	14-26
09090299-005	Toluene-d8	SW 8260B	97.85	20	19.57	14-26
09090299-006	4-Bromofluorobenzene	SW 8260B	93.4	20	18.68	14-26
09090299-006	Dibromofluoromethane	SW 8260B	105.15	20	21.03	14-26
09090299-006	Toluene-d8	SW 8260B	100.95	20	20.19	14-26
09090299-007	4-Bromofluorobenzene	SW 8260B	94.45	20	18.89	14-26
09090299-007	Dibromofluoromethane	SW 8260B	106.85	20	21.37	14-26
09090299-007	Toluene-d8	SW 8260B	101	20	20.20	14-26
09090299-008	4-Bromofluorobenzene	SW 8260B	92.15	20	18.43	14-26
09090299-008	Dibromofluoromethane	SW 8260B	106.75	20	21.35	14-26
09090299-008	Toluene-d8	SW 8260B	101.45	20	20.29	14-26
09090299-009	4-Bromofluorobenzene	SW 8260B	91.6	20	18.32	14-26
09090299-009	Dibromofluoromethane	SW 8260B	110.55	20	22.11	14-26
09090299-009	Toluene-d8	SW 8260B	100	20	20.00	14-26

Chain of Custody No. 75308

Multiple COC's (Yes) No

75303 75305 75306

ChemServe ENVIRONMENTAL ANALYSTS

CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

(A) CUSTOMER INFORMATION

CUSTOMER: LBG
ADDRESS: 76 Pearl Street, Suite 203
CITY/STATE/ZIP Essex Jct., VT 05452
TELEPHONE: 802-288-9600
REPORT TO: John Diego
P.O. NUMBER:

(B) PROJECT INFORMATION

JOB NAME: 2009.HUSKYC.00
JOB NUMBER: Husky Coolant
LOCATION: Milton, VT
TELEPHONE: —
CONTACT: —
QUOTE NUMBER: HH140901

(C) SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:)
(STANDARD) RUSH
RUSH T.A.T. _____ (CHECK w/LAB)

MCP ☐ YES ☐ NO ☐ GWI ☐ GW2 ☐ GW3

(K) CONTAINER AND PRESERVATIVE: 40ml VOA, HCl; 1 Lamber, HCl; 500ml plastic, HNO3; 100ml plastic, unpreserved

STATION # (D)	SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED (F) DATE	COLLECTED (G) TIME	SAMPLE TYPE GRAB (H)	SAMPLE TYPE COMP	(I) MATRIX SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	(J) # OF CONTAINERS	40ml VOA, HCl	1 Lamber, HCl	500ml plastic, HNO3	100ml plastic, unpreserved						(L) ANALYSIS
1	MW-1	9/17/09	1318	X		L	2	X									8260
01	MW-1						1		X								8015 DRO
	MW-1						1			X							total Ni
1	MW-1						1				X						Halogens
1	MW-2		1148				2	X									8260
02	MW-2						1		X								8015 DRO
	MW-2						1			X							total Ni
1	MW-2						1				X						Halogens

(M) CUSTODY

SAMPLER: Kate Crawford (print name)
SIGNATURE: Kate Crawford

	DATE	MILITARY TIME
	9/18/09	1000
RELINQUISHED: Kate Crawford	9/21/09	1700
RECEIVED:		
RELINQUISHED:	9/22/09	1000
RECEIVED FOR LAB: Victoria L Pecott	9/22/09	1[illegible]

SAMPLE CHECK LIST:
RECEIVED WITHIN HOLD TIME (YES) OR NO
RECEIVED IN GOOD CONDITION (YES) OR NO
TEMP BLANK [illegible] °C
SHIPPED OR HAND DELIVERED
SAMPLES WERE PROPERLY PRESERVED (YES) NO N/A
SAMPLES WERE FILTERED IN FIELD LAB (N/A)
IF NO EXPLAIN:

GROUP # 09090299 1076

FIELD READING(S) & COMMENTS:

Chain of Custody No. 75303

Multiple COC's (Yes) No

75308 75305 75306

ChemServe ENVIRONMENTAL ANALYSTS

CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

Ⓐ CUSTOMER INFORMATION

CUSTOMER: LBG

ADDRESS:

CITY/STATE/ZIP

TELEPHONE:

REPORT TO: John Diego

P.O. NUMBER:

Ⓑ PROJECT INFORMATION

JOB NAME: Husky Coolant

JOB NUMBER: 2009.HUSKYC.OD

LOCATION:

TELEPHONE:

CONTACT:

QUOTE NUMBER: HH140901

Ⓒ SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:)

(STANDARD) RUSH

RUSH T.A.T. _____ (CHECK w/LAB)

MCP ☐ YES ☐ NO ☐ GW1 ☐ GW2 ☐ GW3

STATION # Ⓓ	SAMPLE IDENTIFICATION & LOCATION Ⓔ	COLLECTED Ⓕ DATE	COLLECTED Ⓖ TIME	GRAB Ⓗ	COMP	Ⓘ MATRIX SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	Ⓙ # OF CONTAINERS	Ⓚ CONTAINER AND PRESERVATIVE: 40ml VOA, HCl	1L amber, HCl	500ml plastic, HNO3	1Oml plastic, unpreserved	Ⓛ ANALYSIS
1	MW-3	9/17/09	1055	X		L	2	X				8260
03	MW-3						1		X			8015DRO
	MW-3						1			X		total Ni
1	MW-3						1				X	Halogens
1	MW-4		1540				2	X				8260
04	MW-4						1		X			8015DRO
	MW-4						1			X		total Ni
1	~~MW-4~~ Ⓚ MW-4						1				X	Halogens

Ⓜ CUSTODY

SAMPLER: (print name) Kate Crawford

SIGNATURE: Kate Crawford

	DATE	MILITARY TIME
RELINQUISHED: Kate Crawford	9/18/09	1000
RECEIVED:	9/21/09	1700
RELINQUISHED:		
RECEIVED FOR LAB: V. Ricci	9/22/09	1000

SAMPLE CHECK LIST:

RECEIVED WITHIN HOLD TIME (YES) OR NO

RECEIVED IN GOOD CONDITION (YES) OR NO

TEMP BLANK [illegible] °C

SHIPPED OR HAND DELIVERED

SAMPLES WERE PROPERLY PRESERVED (YES) NO N/A

SAMPLES WERE FILTERED IN FIELD LAB (N/A)

IF NO EXPLAIN:

GROUP # 09090299 1016

FIELD READING(S) & COMMENTS:

Chain of Custody No. 75305

Multiple COC's (Yes) No

75303 75308 75306

ChemServe ENVIRONMENTAL ANALYSTS

CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

Ⓐ CUSTOMER INFORMATION

CUSTOMER: LBG

ADDRESS:

CITY/STATE/ZIP

TELEPHONE:

REPORT TO: John Diego

P.O. NUMBER:

Ⓑ PROJECT INFORMATION

JOB NAME: Husky Coolant

JOB NUMBER: 2009.HUSKYC.00

LOCATION:

TELEPHONE:

CONTACT:

QUOTE NUMBER: HH140901

Ⓒ SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:)

STANDARD RUSH

RUSH T.A.T. _____ (CHECK w/LAB)

MCP ☐ YES ☐ NO ☐ GWI ☐ GW2 ☐ GW3

STATION # Ⓓ	SAMPLE IDENTIFICATION & LOCATION Ⓔ	COLLECTED Ⓕ DATE	COLLECTED Ⓖ TIME	GRAB Ⓗ	COMP	Ⓘ MATRIX SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	Ⓙ # OF CONTAINERS	Ⓚ CONTAINER AND PRESERVATIVE: 40ml VOA, HCl	1L amber, HCl	500ml plastic HNO3	100ml plastic, unpres							Ⓛ ANALYSIS
1	MW-5	9/17/09	1245	X		L	2	X										8260
05	MW-5						1		X									8015DRO
	MW-5						1			X								total Ni
1	MW-5						1				X							Halogens
06	MW-6		1700				2	X										8260
1	MW-6						1		X									8015DRO
07	DUP		1444				2	X										8260
08	Field Blank		1215				2	X										8260

Ⓜ CUSTODY

SAMPLER: (print name) Kate Crawford

SIGNATURE: Kate C

	DATE	MILITARY TIME
RELINQUISHED: Kate C	9/18/09	1000
RECEIVED:	9/21/09	1700
RELINQUISHED:		
RECEIVED FOR LAB:	9/22/09	1700

SAMPLE CHECK LIST:

RECEIVED WITHIN HOLD TIME (YES) OR NO

RECEIVED IN GOOD CONDITION (YES) OR NO

TEMP BLANK -0.0 °C

SHIPPED OR HAND DELIVERED

SAMPLES WERE PROPERLY PRESERVED (YES) NO N/A

SAMPLES WERE FILTERED IN FIELD LAB (N/A)

IF NO EXPLAIN:

GROUP # 09090277 1D16

FIELD READING(S) & COMMENTS:

Chain of Custody No. 75306

Multiple COC's Yes No

75303 75305 75308

ChemServe ENVIRONMENTAL ANALYSTS

CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

Ⓐ CUSTOMER INFORMATION

CUSTOMER: LBG

ADDRESS:

CITY/STATE/ZIP

TELEPHONE:

REPORT TO: John Diego

P.O. NUMBER:

Ⓑ PROJECT INFORMATION

JOB NAME: Husky Coolant

JOB NUMBER: 2009. HUSKYC.00

LOCATION:

TELEPHONE:

CONTACT:

QUOTE NUMBER: Ⓛ HH140901 ~~HH104~~

Ⓒ SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:)

STANDARD RUSH

RUSH T.A.T. _____ (CHECK w/LAB)

MCP ☐ YES ☐ NO ☐ GWI ☐ GW2 ☐ GW3

STATION # Ⓓ	SAMPLE IDENTIFICATION & LOCATION Ⓔ	COLLECTED Ⓕ DATE	COLLECTED Ⓖ TIME	SAMPLE TYPE Ⓗ GRAB	SAMPLE TYPE Ⓗ COMP	Ⓘ MATRIX SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	Ⓙ # OF CONTAINERS	Ⓚ CONTAINER AND PRESERVATIVE	Ⓛ ANALYSIS
09	Trip Blank	LAB							

Ⓜ CUSTODY

SAMPLER: (print name) Kate Crawford

SIGNATURE: Kate Cr

	DATE	MILITARY TIME
RELINQUISHED: Kate Cr	9/18/09	1000
RECEIVED:	9/21/09	1700
RELINQUISHED:		
RECEIVED FOR LAB: V. Pecoff	9/22/09	1700

SAMPLE CHECK LIST:

RECEIVED WITHIN HOLD TIME YES OR NO

RECEIVED IN GOOD CONDITION YES OR NO

TEMP BLANK °C

SHIPPED OR HAND DELIVERED

SAMPLES WERE PROPERLY PRESERVED YES NO N/A

SAMPLES WERE FILTERED IN FIELD LAB N/A

IF NO EXPLAIN:

GROUP # 09090299 1016

FIELD READING(S) & COMMENTS:

APPENDIX 2

Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**SITE:** Husky Injection Molding Systems Ltd. **BORING NO.:** SB-1 / MW-1 **GEOLOGIC LOG** **PAGE:** 1 **of** 2 **PAGES**
SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** Schedule 40 PVC **DIAMETER:** 1” **SLOT NO.:** 0.010 **SETTING:** 5’ – 10’ bgs
DATE COMPLETED: 9/8/09	**SAND PACK SIZE:** No. 0
	SETTING: 1.5’– 10’ bgs
DRILLING COMPANY: LBG	**CASING TYPE:** Schedule 40 PVC **DIAMETER:** 1”
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** TOC – 5’ bgs
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** Bentonite
OBSERVER: Kate Crawford	**SETTING:** 0.5’ – 1.5’ bgs
REFERENCE POINT (RP): Top of Casing	**BACKFILL TYPE**: N/A
ELEVATION OF RP: 96.22’	**STATIC WATER LEVEL:** 90.61’ **DATE:** 9/17/09
SURFACE COMPLETION: Flush mount, well cap	**DEVELOPMENT METHOD:** peristaltic pump
COMMENTS: NM=not measured	**DURATION:** Until well ran dry.
ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
0’	4’	48” Macrocore	49.5”	0.5 ppmv	0” – 12” SAND, fine – medium; light brown; soft; dry. 12” – 24” SAND, medium, medium brown; gravel; trace clay; hard; dry. 24” – 32” SILTY SAND, medium brown; clay; hard; slightly moist. 32” – 44” SAND, fine, medium brown with regions of oxidized iron; silt; trace clay; trace gravel; hard; dry. 44” – 49.5” SAND, fine, medium brown; silt; trace clay; trace gravel; hard; dry.
4’	8’	48” Macrocore	48.5”	0.5 ppmv	0” – 21” SAND, fine, dark brown; silt; trace clay; hard, moist. 21” – 35” SAND, fine, dark brown; silt; trace organic material; hard moist. 35” – 46” SAND, fine, medium brown; trace organic material, hard, wet. 46” – 47” SAND, fine, light brown with regions of oxidized iron; hard, wet. 47” – 48.5” SILTY SAND, fine, gray; stiff; wet.
8’	10.5’	48” Macrocore	42”	0.1 ppmv	0” – 17” SAND, fine - coarse, brown; soft; wet (cave-in). 17” – 19” SILTY SAND, fine, gray; soft; wet.

					19” – 32” SAND, medium, brown with mottling; silt; medium stiff; wet. 32” – 33” ROCK, gray; medium sand; trace clay; hard; wet. 33” – 38” SAND, fine, brownish gray (mottling at 34”); clay; medium stiff; wet. 38” – 42” CLAY, dark gray, hard, very moist. EOB. Well set at 10’ bgs.

	SITE: Husky Injection Molding Systems Ltd.
	BORING NO.: SB-2 / MW-2
	GEOLOGIC LOG
Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**PAGE:** 1 **of** 1 **PAGES**
SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** Schedule 40 PVC **DIAMETER:** 1” **SLOT NO.:** 0.010 **SETTING:** 5’ – 10’ bgs
DATE COMPLETED: 9/8/09	**SAND PACK SIZE:** No. 0
DRILLING COMPANY: LBG	**SETTING:** 1.5’– 10’ bgs **CASING TYPE:** Schedule 40 PVC **DIAMETER:** 1”
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** TOC – 5’ bgs
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** Bentonite
OBSERVER: Kate Crawford	**SETTING:** 0.5’ – 1.5’ bgs
REFERENCE POINT (RP): Top of Casing	**BACKFILL TYPE**: N/A
ELEVATION OF RP: 94.14’	**STATIC WATER LEVEL:** 91.29’ **DATE:** 9/17/09
SURFACE COMPLETION: Flush mount, well cap	**DEVELOPMENT METHOD:** peristaltic pump
COMMENTS: NM=not measured	**DURATION:** Until well ran dry.
ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface	

DEPTH (FEET)		SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
FROM	TO				
0’	4’	48” Macrocore	50”	0.0 ppmv	0” – 3.5” SAND, fine – medium, light brown; m. stiff; dry. 15” – 24” SILTY SAND, fine, medium brown; trace organic material; m. stiff; slightly moist. 24” – 50” SILTY SAND and clay, medium brown; little gravel; v. stiff; moist.
4’	7’	48” Macrocore	50”	0.0 ppmv	0” – 3.5” CAVE-IN, wet. 3.5” – 29” SILTY CLAY, medium brown; little gravel; v. stiff; moist. 29” – 32” SAND, fine, medium brown; stiff, wet. 32” – 50” SILTY CLAY, medium brown; v. stiff, moist.
7’	10’	48” Macrocore	46”	0.1 ppmv	0” – 11” CAVE-IN, wet. 11” – 25” SILTY CLAY, medium – dark brown and gray varves; v. stiff, moist. 25” – 31” SAND, fine, brown; and clay; little gravel; stiff; moist. 31” – 46” SILTY CLAY, gray; some fine sand, medium; trace clay; little gravel; v. stiff, moist. EOB. Well set at 10’ bgs.

Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**SITE:** Husky Injection Molding Systems Ltd. **BORING NO.:** SB-3 / MW-3 **GEOLOGIC LOG** **PAGE:** 1 **of** 1 **PAGES**
SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** Schedule 40 PVC **DIAMETER:** 1” **SLOT NO.:** 0.010 **SETTING:** 7’ – 12’ bgs
DATE COMPLETED: 9/8/09	**SAND PACK SIZE:** No. 0
DRILLING COMPANY: LBG	**SETTING:** 1.5’– 12’ bgs **CASING TYPE:** Schedule 40 PVC **DIAMETER:** 1”
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** TOC – 7’ bgs
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** Bentonite
OBSERVER: Kate Crawford	**SETTING:** 0.5’ – 1.5’ bgs
REFERENCE POINT (RP): Top of Casing	**BACKFILL TYPE**: N/A
ELEVATION OF RP: 98.98’	**STATIC WATER LEVEL:** 92.23’ **DATE:** 9/17/09
SURFACE COMPLETION: Flush mount, well cap	**DEVELOPMENT METHOD:** peristaltic pump
COMMENTS: NM=not measured	**DURATION:** Until well ran dry.
ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
0’	4’	48” Macrocore	40”	0.0 ppmv	0” – 3” SAND, fine – medium, brown; little organic material; loose; dry. 3” – 24.5” SAND, medium, brown; little gravel; stiff; dry. 24.5” – 40” SILTY SAND, fine, medium brown; and clay; little gravel; v. stiff; moist.
4’	8’	48” Macrocore	38”	0.0 ppmv	0” – 4” SILTY SAND, fine – medium, medium brown; little clay; little gravel; moist; stiff. 4” – 6.5” ANGULAR STONE, black; some sand, medium, brown; hard; dry. 6.5” – 13.5” SAND, fine, medium brown; m. stiff, wet. 13.5” – 38” SILTY CLAY, medium brown; some sand fine – medium, medium brown; little gravel; v. stiff, moist.
8’	12’	48” Macrocore	50”	0.0 ppmv	0” – 3” SILTY CLAY, medium brown; some sand fine, medium brown; little gravel; v. stiff, moist. 3” – 50” SILTY CLAY, light brown; some sand fine, light brown; little gravel; v. stiff, moist. EOB. Well set at 12’ bgs.

	SITE: Husky Injection Molding Systems Ltd.
	BORING NO.: SB-4 / MW-4
	GEOLOGIC LOG
Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**PAGE:** 1 **of** 2 **PAGES**
SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** Schedule 40 PVC **DIAMETER:** 1” **SLOT NO.:** 0.010 **SETTING:** 4.5’ – 9.5’ bgs
DATE COMPLETED: 9/8/09	**SAND PACK SIZE:** No. 0
	SETTING: 1.5’– 9.5’ bgs
DRILLING COMPANY: LBG	**CASING TYPE:** Schedule 40 PVC **DIAMETER:** 1”
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** TOC – 4.5’ bgs
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** Bentonite
OBSERVER: Kate Crawford	**SETTING:** 0.5’ – 1.5’ bgs
REFERENCE POINT (RP): Top of Casing	**BACKFILL TYPE**: N/A
ELEVATION OF RP: 99.51’	**STATIC WATER LEVEL:** 93.17’ **DATE:** 9/17/09
SURFACE COMPLETION: Flush mount, well cap	**DEVELOPMENT METHOD:** peristaltic pump
COMMENTS: NM=not measured	**DURATION:** Until well ran dry.
ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
0’	4’	48” Macrocore	42”	0.5 ppmv	0” – 10” SAND, medium, light brown; little gravel; loose; dry. 10” – 20” SAND, fine, medium brown; some silt; little gravel; stiff; dry. 20” – 42” SILTY SAND, fine, medium brown; and clay; little gravel; v. stiff; moist.
4’	8’	48” Macrocore	38”	0.0 ppmv	0” – 8” SANDY CLAY, medium brown; and silt; little gravel; stiff; moist. 8” – 14” SILTY SAND, fine, medium brown; some sand, stiff; wet. 14” – 15” SILTY SAND, fine, gray; m. stiff, wet. 15” – 30.5” SILTY SAND, fine, medium brown; some sand, stiff; wet. 30.5” – 34” SILTY SAND, fine, medium brown; some clay; little gravel; stiff, moist. 34” – 35.5” SILTY CLAY, medium brown, stiff, moist. 35.5” – 37” ROCK (limestone), gray. 37” – 38” SAND, fine, medium brown; stiff; moist.
8’	9.5’	48” Macrocore	32”	0.0 ppmv	0” – 22” SAND, fine, medium brown; stiff; wet. 22” – 29” SILTY SAND, fine, dark brown; some clay; little gravel;

					stiff, moist. 29” – 32” SILTY SAND, fine, medium brown; some clay; little gravel; stiff, moist. EOB. Well set at 9.5’ bgs.

Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**SITE:** Husky Injection Molding Systems Ltd. **BORING NO.:** SB-5 **GEOLOGIC LOG** **PAGE:** 1 **of** 1 **PAGES**
SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** N/A **DIAMETER:** N/A **SLOT NO.:** N/A **SETTING:** N/A
DATE COMPLETED: 9/9/09	**SAND PACK SIZE:** N/A
DRILLING COMPANY: LBG	**SETTING:** N/A **CASING TYPE:** N/A **DIAMETER:** N/A
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** N/A
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** N/A
OBSERVER: Kate Crawford	**SETTING:** N/A
REFERENCE POINT (RP): Ground Surface	**BACKFILL TYPE**: Bentonite – No. 0 sand mixture
ELEVATION OF RP: 100.59’	**STATIC WATER LEVEL:** N/A **DATE:** N/A
SURFACE COMPLETION: Backfilled flush with ground surface.	**DEVELOPMENT METHOD:** N/A
COMMENTS: NM=not measured	**DURATION:** N/A
ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
0’	4’	48” Macrocore	43”	0.0 ppmv	0” – 8” SAND, fine, medium brown; some silt; loose; dry. 8” – 13” SILTY SAND, fine, medium, brown; v. stiff; dry. 13” – 18” SILTY SAND, fine, medium brown; little gravel; v. stiff; dry. 18” – 25” SILTY SAND, fine, medium brown; some rock, gray; hard; dry. 25” – 34” crushed STONE (limestone), gray; some silty sand, fine, medium brown; m. stiff; dry. 34” – 36” SILTY SAND, fine, medium brown; some clay; little gravel; v. stiff; moist. 36” – 37” ROCK (limestone), gray; hard; dry. 37” – 42” SILTY SAND, fine, medium brown; some clay; some angular stone (limestone), gray; v. stiff; moist. 42” – 43” ROCK (limestone), gray; hard; dry.
4’	4.3’	48” Macrocore	2”	NM	0” – 0.75” CAVE-IN, dry. 0.75” – 2” ROCK (limestone), gray; hard; dry. EOB. Refusal on bedrock at 4.3’ bgs.

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SITE: Husky Injection Molding Systems Ltd.

BORING NO.: SB-6

GEOLOGIC LOG

PAGE: 1 **of** 1 **PAGES**

SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** N/A **DIAMETER:** N/A **SLOT NO.:** N/A **SETTING:** N/A
DATE COMPLETED: 9/9/09	**SAND PACK SIZE:** N/A
	SETTING: N/A
DRILLING COMPANY: LBG	**CASING TYPE:** N/A **DIAMETER:** N/A
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** N/A
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** N/A
OBSERVER: Kate Crawford	**SETTING:** N/A
REFERENCE POINT (RP): Ground Surface	**BACKFILL TYPE**: Bentonite – No. 0 sand mixture
ELEVATION OF RP: 100.48’	**STATIC WATER LEVEL:** N/A **DATE:** N/A
SURFACE COMPLETION: Backfilled flush with ground surface.	**DEVELOPMENT METHOD:** N/A
COMMENTS: NM=not measured	**DURATION:** N/A

ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
0’	2’	48” Macrocore	24”	0.0 ppmv	0” – 12.5” SILTY SAND, fine, medium brown; little gravel; m. stiff; moist. 12.5” – 15” SILTY SAND, fine, medium, brown; little clay; little gravel; v. stiff, moist. 15” – 24” ROCK, gray; hard; dry. EOB. Refusal on bedrock at 2’ bgs.

Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**SITE:** Husky Injection Molding Systems Ltd. **BORING NO.:** SB-7 / MW-5 **GEOLOGIC LOG** **PAGE:** 1 **of** 1 **PAGES**

SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** Schedule 40 PVC **DIAMETER:** 1” **SLOT NO.:** 0.010 **SETTING:** 7’ – 12’ bgs
DATE COMPLETED: 9/9/09	**SAND PACK SIZE:** No. 0
DRILLING COMPANY: LBG	**SETTING:** 2.0’– 12’ bgs **CASING TYPE:** Schedule 40 PVC **DIAMETER:** 1”
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** TOC – 7’ bgs
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** Bentonite
OBSERVER: Kate Crawford	**SETTING:** 1.5’ – 2.0’ bgs
REFERENCE POINT (RP): Top of Casing	**BACKFILL TYPE**: N/A
ELEVATION OF RP: 99.37	**STATIC WATER LEVEL:** 91.82’ **DATE:** 9/17/09
SURFACE COMPLETION: Flush mount, well cap	**DEVELOPMENT METHOD:** peristaltic pump
COMMENTS: NM=not measured	**DURATION:** Until well ran dry.

ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface TOC=top of casing

DEPTH (FEET)		SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
FROM	TO				
0’	4’	48” Macrocore	38”	0. 0 ppmv	0” – 11” SAND, fine, light brown; dense; dry. 11” – 19” SILTY SAND, fine, medium brown; little clay; little gravel; stiff; slightly moist. 19” – 22” SAND, fine, medium brown; stiff; moist. 22” – 38” SILTY SAND, fine, medium brown; little clay; little gravel; stiff; moist.
4’	8’	48” Macrocore	49”	0.1 ppmv	0” – 4.5” SAND, fine; and gravel; loose; (cave-in). 4.5” – 16” SILTY SAND, fine, medium brown; some clay; little gravel; stiff; wet. 16” – 19” SILTY SAND, fine, rusty red-brown (oxidized Fe); little clay; v. stiff; moist. 19” – 25.5” SAND, fine, dark brown; little clay; stiff; moist. 25.5” – 49” SILTY CLAY, reddish brown and gray bands (similar to varves); stiff; moist.
8’	12’	48” Macrocore	48”	0.0 ppmv	0” - 7” SILTY CLAY, medium and dark brown regions; little sand; little gravel; stiff; moist. 7” – 43” SILTY CLAY, medium brown; v. stiff; moist. 43” – 45” SILTY SAND, fine, medium brown; stiff; moist. 45” – 48” SILTY CLAY, medium brown; stiff; moist.

Leggette, Brashears & Graham, Inc. 76 Pearl Street, Suite 203 Essex Junction, VT 05452 www.lbgweb.com	**SITE:** Husky Injection Molding Systems Ltd. **BORING NO.:** SB-8 / MW-6 **GEOLOGIC LOG** **PAGE:** 1 **of** 1 **PAGES**

SITE LOCATION: 288 North Road, Milton, Vermont	**SCREEN TYPE:** Schedule 40 PVC **DIAMETER:** 1” **SLOT NO.:** 0.010 **SETTING:** 3’ – 8’ bgs
DATE COMPLETED: 9/9/09	**SAND PACK SIZE:** No. 0
DRILLING COMPANY: LBG	**SETTING:** 2.0’– 8’ bgs **CASING TYPE:** Schedule 40 PVC **DIAMETER:** 1”
DRILLING METHOD: Geoprobe Direct Push	**SETTING:** TOC – 3’ bgs
SAMPLING METHOD: 48” Macrocore	**SEAL TYPE:** Bentonite
OBSERVER: Kate Crawford	**SETTING:** 1.5’ – 2.0’ bgs
REFERENCE POINT (RP): Top of Casing	**BACKFILL TYPE**: N/A
ELEVATION OF RP: 96.99	**STATIC WATER LEVEL:** 91.28’ **DATE:** 9/17/09
SURFACE COMPLETION: Flush mount, well cap	**DEVELOPMENT METHOD:** peristaltic pump
COMMENTS: NM=not measured	**DURATION:** Until well ran dry.

ABBREVIATIONS: bgs=below ground surface EOB=End of boring GS=ground surface TOC=top of casing

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	RECOVERY	PID	DESCRIPTION
0’	0.5’	Core Drill	6”	NM	0” – 6” ASPHALT
0.5’	4’	48” Macrocore	32”	0.1 ppmv	0” – 5” SAND, medium, medium brown; some gravel; m. firm; wet (from core drill). 5” – 14” SAND, medium, light brown; some gravel; loose; dry. 14” – 23.5” SAND, fine, medium brown; firm; moist. 23.5” – 32” SILTY CLAY, medium brown; trace gravel; hard; moist.
4’	8’	48” Macrocore	51”	0.1 ppmv	0” – 7” SAND, medium; little gravel; firm; wet. 7” – 9” SILTY SAND, fine, medium brown; some clay; little gravel; stiff; moist. 9” – 42” SILTY SAND, fine, medium brown, gray, and rusty brown regions; some clay; stiff; moist. 42” – 44” SILTY SAND, fine, medium brown, gray, and rusty brown regions; some clay; stiff; wet. 44” – 51” SILTY SAND, fine, medium brown, gray, and rusty brown regions; some clay; stiff; moist. EOB. Well set at 8’ bgs.