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September 6, 2006

Alan Kofoed
Vice President, Construction
Weingarten Realty Investors
2600 Citadel Plaza Drive
Houston, Texas 77008

Subject: Mukilteo Speedway Center - Limited Phase II Environmental Site Assessment
13619 Mukilteo Speedway, Lynwood, WA 98037

Pursuant to your request Buchanan Environmental Associates completed a Limited Phase II Environmental Site Assessment at Mukilteo Speedway Center located at 13619 Mukilteo Speedway, Lynwood, Washington, 98037. The assessment completed in three phases of field work. The first phase included completion of two hand auger borings and one groundwater monitoring well. The hand auger borings were completed inside the dry cleaner, behind the dry cleaning machine, to determine if soils beneath the cleaners had been impacted by dry cleaning chemicals. The dry cleaner is located in Suite B-6 near the east end of the main building on the north side of the site. The groundwater monitoring well, MW-1, was completed in the driveway east of the building, at a location southeast of the position of the dry cleaning machine inside HP Cleaners.

Prior to initiating drilling at the site Washington Dig Test was contacted to allow member companies to locate underground utilities and/or other potential obstructions in the study area. Hand auger borings B-1 and B-2 were completed inside the dry cleaner on June 12, 2006. Boring B-1 was completed to a depth of 1 foot. Boring B-2 was completed to a depth of 2.75 feet. Both borings were terminated due to auger refusal.

On June 13, 2006 MW-1 was installed southeast of the dry cleaners in the driveway leading to the rear of the building. The total depth of MW-1 was 15 feet. A groundwater sample was collected after installation of the well. Analytical Results for soil samples collected from Borings B-1 and B-2 and the initial water sample from monitoring well MW-1 are indicated below, with the Washington Department of Ecology Method A Target Concentrations.

Results from Soil Samples

Sample	Contaminant	Soil Results ug/kg	/ mg/kg	**Target Concentrations** **Current Limit** mg/kg	**Proposed Limit** mg/kg
B-1-0-1'	Tetrachloroethylene	***1000***	***/ 1.0***	0.50	0.050
B-2-0-1'	Tetrachloroethylene	300	/ 0.30	0.50	0.050
	Trichloroethylene	9.3	/ 0.0093	0.50	0.030
B-2-1-2'	Tetrachloroethylene	300	/ 0.30	0.50	0.050
	Trichloroethylene	17	/ 0.017	0.50	0.030
B-2-2-2.75'	Tetrachloroethylene	82	/ 0.082	0.50	0.050
	Trichloroethylene	5.9	/ 0.0059	0.50	0.030

BUCHANAN ENVIRONMENTAL ASSOCIATES

P.O. BOX 14634 • HUMBLE, TEXAS 77347-4634

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Weingarten Realty Investors
September 6, 2006

Results from Initial Groundwater Sample from MW-1

Sample	Contaminant	Groundwater Results ug/l	Current Limit ug/l	Proposed Limit ug/l
MW-1	Toluene	7.3	40	1000
	Ethyl-benzene	5.0	30	700
	Xylenes	34	10000	
	Naphthalene	25	None	160
	N-Propylbenzene	3.4	None	NA
	1,3,5 Trimethylbenzene	8.3	None	NA
	1,2,4 Trimethylbenzene	31	None	NA
	N-Butylbenzene	4.7	None	NA

MW-1 contained low concentrations of chemical constituents typically associated with gasoline. The site is not known to be a source of gasoline and the contaminants were considered to be from offsite or from contamination inadvertently introduced during well construction. The gasoline constituents were below current target concentrations.

Because dry cleaning solvents were detected in soil samples collected from hand auger borings inside HP Cleaner, a second phase of field work was planned. The scope of work included two additional monitoring wells, which were installed to collect additional groundwater samples and determine the site specific direction of groundwater flow. Locating Inc. a private utility locator was contracted to clear the drilling locations of all underground obstructions prior to drilling on July 27, 2006, when Buchanan Environmental Associates managed the installation of groundwater monitoring wells MW-2 and MW-3 by Gregory Drilling.

The assumed direction of groundwater flow at the site was southeast based on regional topographic trends; therefore wells MW-2 and MW-3 were installed at locations on the north side and south sides of HP Cleaners to triangulate the source area. Figure 1 indicates the site location and Figure 2 indicates the locations of all monitoring wells and boring B-6. Borings for all monitoring wells installed at the site were completed using a CME-85 hollow stem auger drilling rig. The total depths of MW-2 and MW-3 were 15 feet and 18 feet, respectively. During completion of the borings soil samples intermittently observed for significant odor or significant change. A PID was not used to screen soils for vapors; no odors or significant color changes were observed in the soil samples or cuttings.

After completion of each boring, 10 feet of 2 inch diameter PVC 0.01 slot screen and 5 feet of 2 inch diameter blank casing were lowered into the hollow stem auger. A sand pack was then installed to an elevation of approximately 2 feet above the screen. A seal consisting of bentonite chips was then installed in each well to an elevation approximately 2 feet higher than the sand pack. The bentonite chips were slightly hydrated after installation. The top of each well casing

was sealed with a locking cap and the remaining annular space was filled with grout and a flush mount well box was installed for surface completion. After completion a clean bailer was used to surge and purge the wells until water was relatively free and the wells were bailed dry. A Resource Protection Well Report indicating the driller's completion details for each well is attached.

On July 28, 2006 an electronic water level indicator was used to measure the depth to groundwater in each well. Subsequent to those measurements, C & C Surveying located the wells and performed a top-of-casing elevation survey to establish reference elevations for each well. Depth to water level measurements were performed again on August 3, 2006 after the wells had more time to equilibrate, and top-of-casing elevations were verified by C & C Surveying on August 4, 2006.

The initial depth to groundwater measurements on July 28, 2006 were used to construct a groundwater contour indicating the direction of flow. Based on the initial measurements groundwater at the site appeared to flow slightly north of due east. The second set of groundwater measurements completed August 3, 2006 yielded a direction of flow slightly south of northeast. The directions of groundwater flow are indicated on Figure 3. Based on measurements made on August 3rd, groundwater in the source area would flow under the building and exits near the northeast corner of the drug store.

On July 28, 2006 samples were collected from monitoring wells MW-1, MW-2, and MW-3. Groundwater samples were collected using dedicated disposable bailers and the water was placed in VOA vials containing hydrochloric acid. All samples were kept in an insulated chest containing ice until they were hand delivered to Severn Trent Laboratories in Tacoma, Washington on July 29, 2006. All groundwater samples were analyzed for volatile organic chemicals by US EPA Method 8260B.

Analytical results for groundwater samples from well MW-1 indicated the presence of 1, 1 dichloroethane at a concentration of 1.1 ug/L. No gasoline constituents were detected. Analytical results for MW-2 indicated the presence of tetrachloroethylene at a concentration of 1.1 ug/L and chloroform at 2.0 ug/L. MW-3 contained no detectable volatile organic chemicals.

Results from Groundwater Samples – July 28, 2006

Sample	Contaminant	Groundwater Results ug/l	Current Limit ug/l	Proposed Limit ug/l
MW-1	1,1 Dichloroethane	1.1	None	None
MW-2	Tetrachloroethylene	1.1	5.0	5.0
	Chloroform	2.0	None	None
MW-3	None Detected	ND	ND	

Alan Kofoed
Weingarten Realty Investors
September 6, 2006

Analytical results from the soil sampling and the first two groundwater sampling events indicate soil and groundwater beneath Mukilteo Speedway Center have been impacted by low concentrations of volatile organic chemicals which include dry cleaning chemicals. Groundwater elevation Data indicated the direction of groundwater flow at the site was generally northeast.

Because tetrachloroethylene was found in soils beneath the dry cleaners, and in groundwater at MW-2, which is cross-gradient to the direction of flow, a third phase of field work was performed. The scope of work included installation of two monitoring wells east of the building. Pursuant to a request by personnel at AEW Capital Management, L.P. for wells to be placed near the property line, two attempts were made to complete borings near the eastern most part of the site. However auger refusal was encountered in both bore holes. After the incomplete bore holes were grouted to the surface and capped with concrete, borings were successfully completed at the locations originally proposed by Buchanan Environmental Associates.

On August 21, 2006, prior to installation of MW-4 and MW-5, an electronic water level indicator was used to measure the depth to groundwater in wells MW-1, MW-2 and MW-3. Top-of-casing elevation measurements previously provided by C & C Surveying were used to calculate the elevation of groundwater in each well. The groundwater elevations were used to construct a groundwater contour indicating the direction of flow.

Based on measurements made on August 21st, groundwater at the site appeared to flow slightly north of due east and directly at MW-4; that flow path was consistent with the direction of flow calculated from measurements performed on July 28, 2006. The directions of groundwater flow throughout the project are indicated on Figure 3. There is some variability in the direction of groundwater flow, which is common, but the dominant direction of flow appears to be east-northeast. Groundwater elevation measurements are indicated in the table below.

Well Number	TOC Elevation	Date of Measurement		
		7-28-06	8-3-06	8-21-06
MW-1	394.97	8.59'	8.33'	8.19'
MW-2	405.64	13.73'	11.29'	11.45'
MW-3	405.64	14.22'	12.44'	12.65'

TOC – top of casing

Borings for monitoring wells MW-4 and MW-5 were completed on August 22, 2006; each boring was completed to a total depth of 25 feet. The boring for monitoring well MW-4 was installed five feet from the east side of the building and three feet north of a line running along the north side of the cleaners tenant space. The boring for monitoring well MW-5 was installed northeast of the location of the dry cleaning machine at HP Cleaners, at a location three feet south of the northeast corner of the building and approximately 5 feet east of the building. After completion of each boring, 20 feet of 2 inch diameter PVC 0.01 slot screen and 5 feet of 2 inch diameter blank casing were lowered into the hollow stem auger. A sand pack was then installed to an elevation of approximately 2 feet above the screen. A seal consisting of bentonite chips

was then installed in each well to an elevation approximately 2 feet higher than the sand pack. The bentonite chips were slightly hydrated after installation.

The top of each well casing was sealed with a locking cap and the remaining annular space was filled with grout and a flush mount well box was installed for surface completion. After completion a clean bailer was used to surge and purge the wells until water was relatively free and the wells were bailed dry. A Resource Protection Well Report indicating the driller's completion details for each well is attached. Monitoring wells MW-1, MW-2 and MW-3 were also purged at that time using the same technique.

Boring B-6 was installed in front of HP Cleaners, near the sanitary sewer cleanout to investigate the potential for contaminants migrating along the sanitary sewer line trench. That location was also selected as a likely place for the sanitary sewer line to leak and release contaminants if they had been poured into the sanitary sewer. The boring was advanced to a total depth of nine feet. The cleanout pipe made connection to the sanitary sewer line at approximately seven feet below grade. Soil samples were collected from 6.5 to 7 feet and 8.5 to 9 feet to straddle the elevation of the cleanout pipe connection to the sewer line. Samples were submitted for analysis of volatile organic chemicals by US EPA Method 8260B. No volatile organic chemicals were detected in the samples.

Monitoring wells MW-1 through MW-5 were sampled on August 23, 2006. Analytical results for groundwater samples from well MW-2 indicated the presence of 1, 1 dichloroethane at a concentration of 1.3 ug/L. Analytical results for MW-3 indicated the presence of chloromethane at 1.3 ug/l. No other volatile organic chemicals were detected.

Results from Groundwater Samples – August 23, 2006

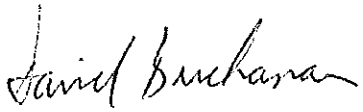
Sample	Contaminant	Groundwater Results ug/l	Current Limit ug/l	Proposed Limit ug/l
MW-1	None Detected	ND		
MW-2	1, 1 Dichloroethane	1.3	None	None
MW-3	None Detected	ND		
MW-4	None Detected	ND		
MW-5	None Detected	ND		

Based on current data, Buchanan Environmental Consultants does not recommend additional sampling. Data suggests the potential for gross groundwater contamination with offsite migration is low at this site. Although impact appears to be low now, the source (HP Cleaners) will remain onsite for some time and therefore there is potential for greater impact from their operations.

The dry cleaning machine should be retrofitted with a drip pan and waste containers should be stored in secondary containment pans or on drip pans. Weingarten Realty Investors and AEW Capital Management, L.P. should eliminate the use of tetrachloroethylene onsite as soon as

possible. Because there is soil impact currently, and potential for ongoing impact from the existing dry cleaners, Buchanan Environmental Consultants recommends Weingarten Realty Investors and AEW Capital Management, L.P. try to obtain an adjustment to the purchase price of $50,000 to $100,000 in the event source control through partial soil removal is needed at a later date.

Sincerely,
Buchanan Environmental Associates



J. David Buchanan
President

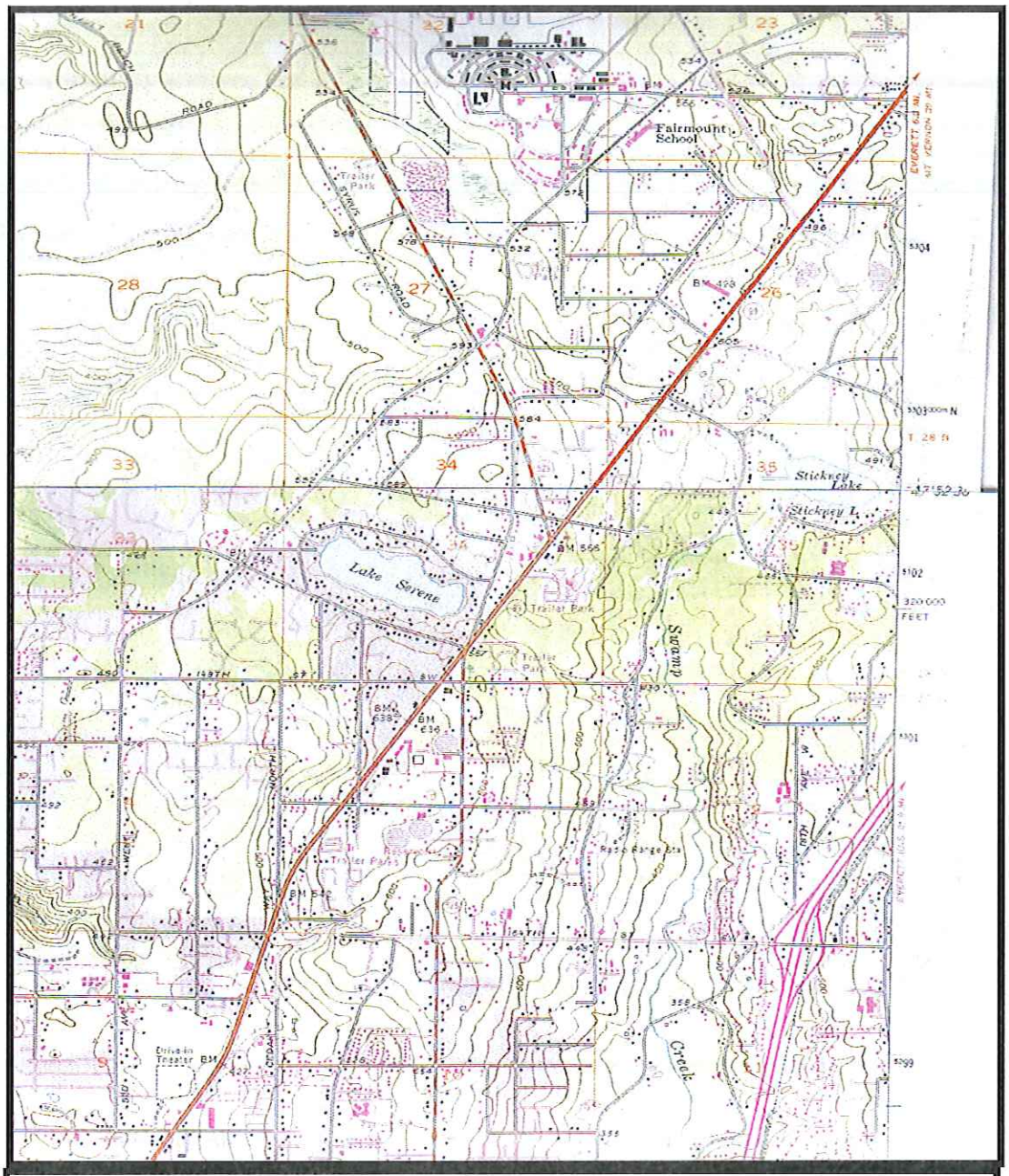


FIGURE 1 – SITE LOCATION

Buchanan Environmental Associates
Project No. 206120

Weingarten Realty Investors
Mukilteo Speedway Center
13619 Mukilteo Speedway
Lynnwood, WA

Source: USGS Topographic Maps – Mukilteo WA and Edmonds East WA
Site Plan
Not to Scale

N

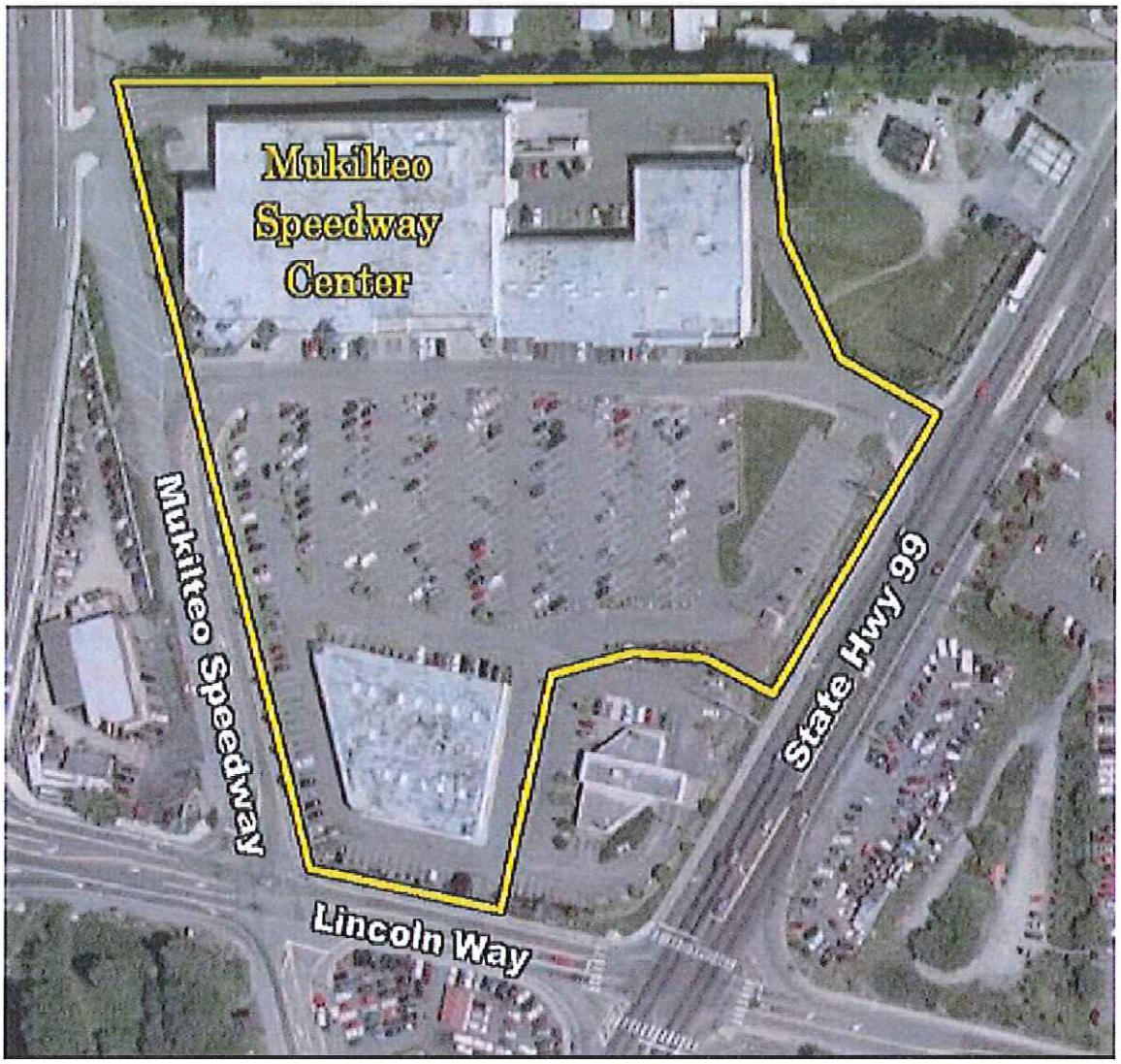


FIGURE 1B – SITE LOCATION

Buchanan Environmental Associates
Project No. 206120

Weingarten Realty Investors
Mukilteo Speedway Center
13619 Mukilteo Speedway
Lynnwood, WA

Source: USGS Topographic Maps – Mukilteo WA and Edmonds East WA
Site Plan
Not to Scale

North

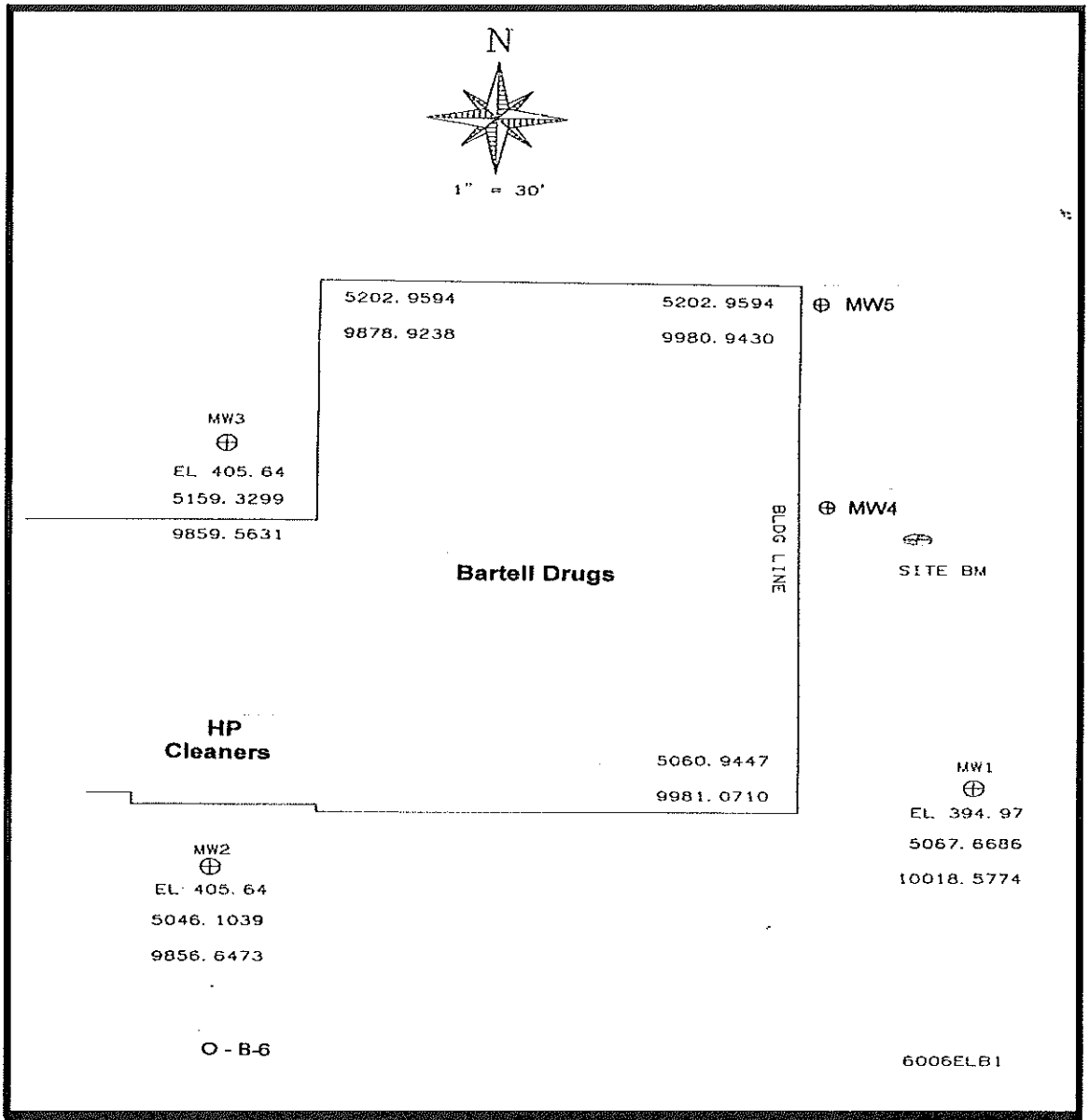


FIGURE 2 – WELL LOCATIONS

Buchanan Environmental Associates
Project No. 206120

Weingarten Realty Investors
Mukilteo Speedway Center
13619 Mukilteo Speedway
Lynnwood, WA

Source: Base Map – C & C Surveying and Buchanan Environmental Associates Field Notes
Approximately 1" = 30'

North

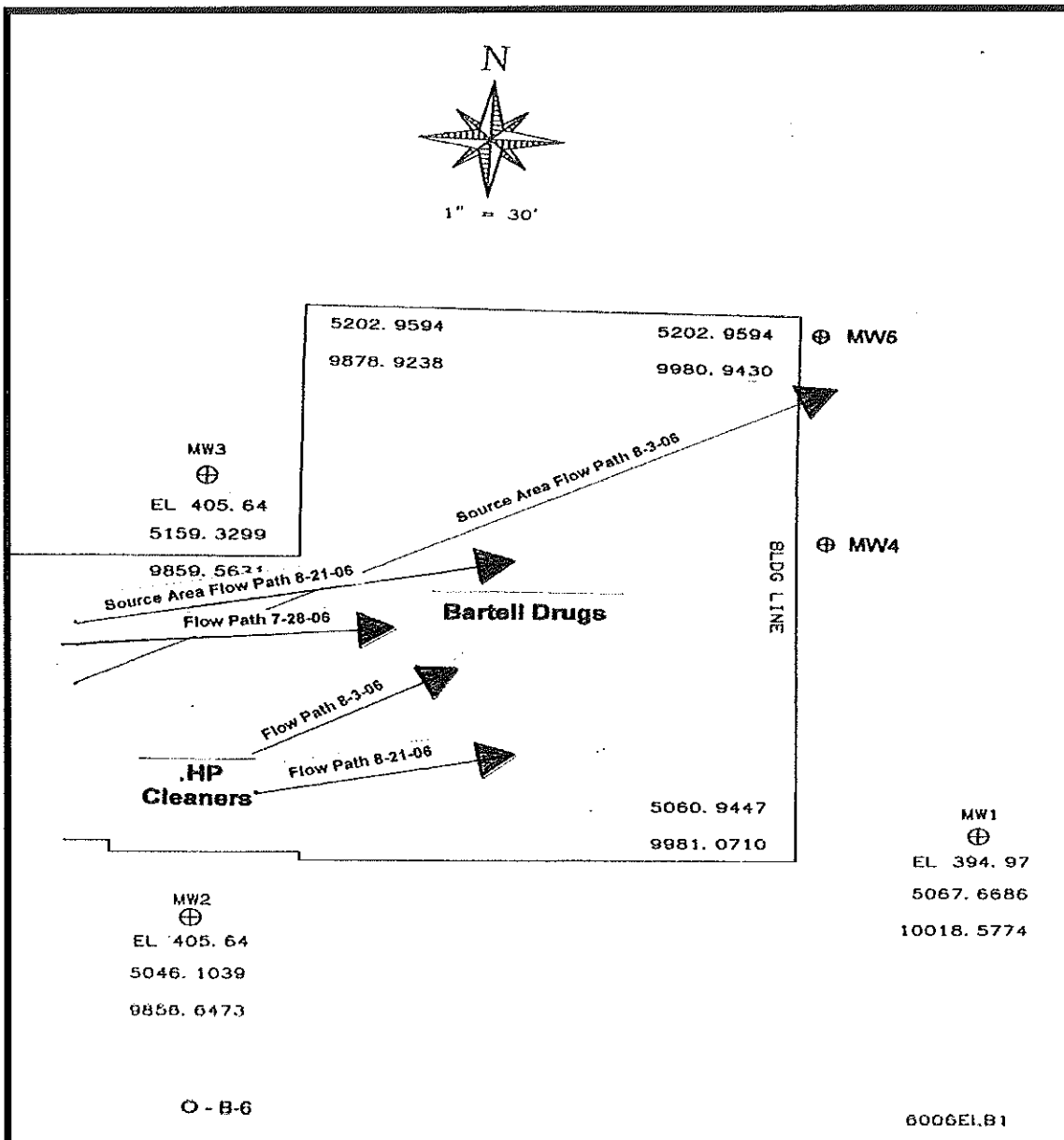


FIGURE 3 – DIRECTIONS OF GROUDWATER FLOW

Buchanan Environmental Associates
Project No. 206120

Weingarten Realty Investors
Mukilteo Speedway Center
13619 Mukilteo Speedway
Lynnwood, WA

Source: Base Map – C & C Surveying and
Buchanan Environmental Associates Field Notes and Measurements
Approximately 1" = 30'

North

ANALYTICAL REPORT

Job Number: 580-2833-1

Job Description: Mukilteo Speedway

For:
Buchanan Environmental Association
PO BOX 14634
Humble, TX 77347-4634

Attention: Mr. David Buchanan

Katie Downie
Project Manager II
kdownie@stl-inc.com
06/20/2006

Project Manager: Katie Downie

STL Seattle is a part of Severn Trent Laboratories, Inc.

Case Narrative for job: 580-J2833-1

Date: 06/20/2006

Volatile Organic Compounds

The percent recovery of styrene in the soil laboratory control sample was marginally below the control limit (recovery was 73%, lower limit is 75%). No corrective action was taken, as the recovery of this compound was acceptable in the LCS duplicate.

The percent recoveries of styrene in the water LCS and LCSD were below the lower control limit. No corrective action was taken, as the recoveries of the other analytes were acceptable.

The relative percent difference between the water LCS and LCSD exceeded the control limit for chlorobromomethane. No corrective action was taken, as the percent recoveries were both within the control limits, and the other RPDs were acceptable.

The associated data has been flagged "*".

METHOD SUMMARY

Client: Buchanan Environmental Association Job Number: 580-2833-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-SEA	SW846 8260B	
Closed System Purge & Trap/Field Methanol	STL-SEA		SW846 5035
Percent Moisture	STL-SEA	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SEA	SW846 8260B	
Purge-and-Trap	STL-SEA		SW846 5030B

LAB REFERENCES:

STL-SEA = STL-Seattle

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-2833-1	B1-0-1'	Solid	06/12/2006 1640	06/15/2006 1645
580-2833-2	B2-0-1'	Solid	06/12/2006 1655	06/15/2006 1645
580-2833-3	B2-1-2'	Solid	06/12/2006 1505	06/15/2006 1645
580-2833-4	B2-2.5-2.75'	Solid	06/12/2006 1515	06/15/2006 1645
580-2833-5	MW-1	Water	06/13/2006 1310	06/15/2006 1645

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: B1-0-1'

Lab Sample ID: 580-2833-1 | Date Sampled: 06/12/2006 1640
Client Matrix: Solid | % Moisture: 18.0 | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8113 | Instrument ID: 5973 Inert
Preparation: 5035 | Prep Batch: 580-8066 | Lab File ID: HP11451.D
Dilution: 1.0 | Initial Weight/Volume: 9.42 g
Date Analyzed: 06/16/2006 1544 | Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Dichlorodifluoromethane		ND		52
Chloromethane		ND		52
Vinyl chloride		ND		10
Bromomethane		ND		52
Chloroethane		ND		100
Trichlorofluoromethane		ND		52
1,1-Dichloroethene		ND		10
Methylene Chloride		ND		10
trans-1,2-Dichloroethene		ND		52
1,1-Dichloroethane		ND		52
2,2-Dichloropropane		ND		52
cis-1,2-Dichloroethene		ND		52
Chlorobromomethane		ND		52
Chloroform		ND		52
1,1,1-Trichloroethane		ND		10
Carbon tetrachloride		ND		10
1,1-Dichloropropene		ND		52
Benzene		ND		10
1,2-Dichloroethane		ND		10
Trichloroethene		ND		10
1,2-Dichloropropane		ND		10
Dibromomethane		ND		52
Dichlorobromomethane		ND		52
cis-1,3-Dichloropropene		ND		52
Toluene		ND		52
trans-1,3-Dichloropropene		ND		52
1,1,2-Trichloroethane		ND		52
Tetrachloroethene		1000		10
1,3-Dichloropropane		ND		10
Chlorodibromomethane		ND		52
Ethylene Dibromide		ND		10
Chlorobenzene		ND		52
Ethylbenzene		ND		52
1,1,1,2-Tetrachloroethane		ND		52
1,1,2,2-Tetrachloroethane		ND		10
m-Xylene & p-Xylene		ND		100
o-Xylene		ND		52
Styrene		ND	*	52
Bromoform		ND		52
Isopropylbenzene		ND		52
Bromobenzene		ND		52
N-Propylbenzene		ND		52
1,2,3-Trichloropropane		ND		10

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: B1-0-1'

Lab Sample ID:	580-2833-1			Date Sampled:	06/12/2006 1640
Client Matrix:	Solid	% Moisture:	18.0	Date Received:	06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 580-8113		Instrument ID:	5973 Inert
Preparation:	5035	Prep Batch: 580-8066		Lab File ID:	HP11451.D
Dilution:	1.0			Initial Weight/Volume:	9.42 g
Date Analyzed:	06/16/2006 1544			Final Weight/Volume:	400 mL
Date Prepared:	06/16/2006 1359				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
2-Chlorotoluene		ND		52
1,3,5-Trimethylbenzene		ND		52
4-Chlorotoluene		ND		52
tert-Butylbenzene		ND		52
1,2,4-Trimethylbenzene		ND		52
sec-Butylbenzene		ND		52
1,3-Dichlorobenzene		ND		52
4-Isopropyltoluene		ND		52
1,4-Dichlorobenzene		ND		52
n-Butylbenzene		ND		52
1,2-Dichlorobenzene		ND		52
1,2-Dibromo-3-Chloropropane		ND		52
1,2,4-Trichlorobenzene		ND		52
1,2,3-Trichlorobenzene		ND		52
Hexachlorobutadiene		ND		52
Naphthalene		ND		52

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	111	75 - 125
Toluene-d8	91	75 - 125
Ethylbenzene-d10	89	75 - 125
4-Bromofluorobenzene (Surr)	86	75 - 125
Trifluorotoluene (Surr)	115	75 - 125

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: B2-0-1'

Lab Sample ID: 580-2833-2 | Date Sampled: 06/12/2006 1655
Client Matrix: Solid | % Moisture: 9.0 | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8113 | Instrument ID: 5973 Inert
Preparation: 5035 | Prep Batch: 580-8066 | Lab File ID: HP11452.D
Dilution: 1.0 | Initial Weight/Volume: 11.07 g
Date Analyzed: 06/16/2006 1611 | Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Dichlorodifluoromethane		ND		40
Chloromethane		ND		40
Vinyl chloride		ND		7.9
Bromomethane		ND		40
Chloroethane		ND		79
Trichlorofluoromethane		ND		40
1,1-Dichloroethene		ND		7.9
Methylene Chloride		ND		7.9
trans-1,2-Dichloroethene		ND		40
1,1-Dichloroethane		ND		40
2,2-Dichloropropane		ND		40
cis-1,2-Dichloroethene		ND		40
Chlorobromomethane		ND		40
Chloroform		ND		40
1,1,1-Trichloroethane		ND		7.9
Carbon tetrachloride		ND		7.9
1,1-Dichloropropene		ND		40
Benzene		ND		7.9
1,2-Dichloroethane		ND		7.9
Trichloroethene		9.3		7.9
1,2-Dichloropropane		ND		7.9
Dibromomethane		ND		40
Dichlorobromomethane		ND		40
cis-1,3-Dichloropropene		ND		40
Toluene		ND		40
trans-1,3-Dichloropropene		ND		40
1,1,2-Trichloroethane		ND		40
Tetrachloroethene		300		7.9
1,3-Dichloropropane		ND		7.9
Chlorodibromomethane		ND		40
Ethylene Dibromide		ND		7.9
Chlorobenzene		ND		40
Ethylbenzene		ND		40
1,1,1,2-Tetrachloroethane		ND		40
1,1,2,2-Tetrachloroethane		ND		7.9
m-Xylene & p-Xylene		ND		79
o-Xylene		ND		40
Styrene		ND	*	40
Bromoform		ND		40
Isopropylbenzene		ND		40
Bromobenzene		ND		40
N-Propylbenzene		ND		40
1,2,3-Trichloropropane		ND		7.9

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: **B2-0-1'**

Lab Sample ID: 580-2833-2 | Date Sampled: 06/12/2006 1655
Client Matrix: Solid | % Moisture: 9.0 | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8113 | Instrument ID: 5973 Inert
Preparation: 5035 | Prep Batch: 580-8066 | Lab File ID: HP11452.D
Dilution: 1.0 | Initial Weight/Volume: 11.07 g
Date Analyzed: 06/16/2006 1611 | Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
2-Chlorotoluene		ND		40
1,3,5-Trimethylbenzene		ND		40
4-Chlorotoluene		ND		40
tert-Butylbenzene		ND		40
1,2,4-Trimethylbenzene		ND		40
sec-Butylbenzene		ND		40
1,3-Dichlorobenzene		ND		40
4-Isopropyltoluene		ND		40
1,4-Dichlorobenzene		ND		40
n-Butylbenzene		ND		40
1,2-Dichlorobenzene		ND		40
1,2-Dibromo-3-Chloropropane		ND		40
1,2,4-Trichlorobenzene		ND		40
1,2,3-Trichlorobenzene		ND		40
Hexachlorobutadiene		ND		40
Naphthalene		ND		40

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	107	75 - 125
Toluene-d8	92	75 - 125
Ethylbenzene-d10	91	75 - 125
4-Bromofluorobenzene (Surr)	82	75 - 125
Trifluorotoluene (Surr)	113	75 - 125

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: B2-1-2'

Lab Sample ID: 580-2833-3 | Date Sampled: 06/12/2006 1505
Client Matrix: Solid | % Moisture: 10.2 | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8113 | Instrument ID: 5973 Inert
Preparation: 5035 | Prep Batch: 580-8066 | Lab File ID: HP11453.D
Dilution: 1.0 | Initial Weight/Volume: 10.62 g
Date Analyzed: 06/16/2006 1637 | Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Dichlorodifluoromethane		ND		42
Chloromethane		ND		42
Vinyl chloride		ND		8.4
Bromomethane		ND		42
Chloroethane		ND		84
Trichlorofluoromethane		ND		42
1,1-Dichloroethene		ND		8.4
Methylene Chloride		ND		8.4
trans-1,2-Dichloroethene		ND		42
1,1-Dichloroethane		ND		42
2,2-Dichloropropane		ND		42
cis-1,2-Dichloroethene		ND		42
Chlorobromomethane		ND		42
Chloroform		ND		42
1,1,1-Trichloroethane		ND		8.4
Carbon tetrachloride		ND		8.4
1,1-Dichloropropene		ND		42
Benzene		ND		8.4
1,2-Dichloroethane		ND		8.4
Trichloroethene		17		8.4
1,2-Dichloropropane		ND		8.4
Dibromomethane		ND		42
Dichlorobromomethane		ND		42
cis-1,3-Dichloropropene		ND		42
Toluene		ND		42
trans-1,3-Dichloropropene		ND		42
1,1,2-Trichloroethane		ND		42
Tetrachloroethene		300		8.4
1,3-Dichloropropane		ND		8.4
Chlorodibromomethane		ND		42
Ethylene Dibromide		ND		8.4
Chlorobenzene		ND		42
Ethylbenzene		ND		42
1,1,1,2-Tetrachloroethane		ND		42
1,1,2,2-Tetrachloroethane		ND		8.4
m-Xylene & p-Xylene		ND		84
o-Xylene		ND		42
Styrene		ND	*	42
Bromoform		ND		42
Isopropylbenzene		ND		42
Bromobenzene		ND		42
N-Propylbenzene		ND		42
1,2,3-Trichloropropane		ND		8.4

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: B2-1-2'

Lab Sample ID: 580-2833-3 | Date Sampled: 06/12/2006 1505
Client Matrix: Solid | % Moisture: 10.2 | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8113 | Instrument ID: 5973 Inert
Preparation: 5035 | Prep Batch: 580-8066 | Lab File ID: HP11453.D
Dilution: 1.0 | Initial Weight/Volume: 10.62 g
Date Analyzed: 06/16/2006 1637 | Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
2-Chlorotoluene		ND		42
1,3,5-Trimethylbenzene		ND		42
4-Chlorotoluene		ND		42
tert-Butylbenzene		ND		42
1,2,4-Trimethylbenzene		ND		42
sec-Butylbenzene		ND		42
1,3-Dichlorobenzene		ND		42
4-Isopropyltoluene		ND		42
1,4-Dichlorobenzene		ND		42
n-Butylbenzene		ND		42
1,2-Dichlorobenzene		ND		42
1,2-Dibromo-3-Chloropropane		ND		42
1,2,4-Trichlorobenzene		ND		42
1,2,3-Trichlorobenzene		ND		42
Hexachlorobutadiene		ND		42
Naphthalene		ND		42

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	108	75 - 125
Toluene-d8	90	75 - 125
Ethylbenzene-d10	90	75 - 125
4-Bromofluorobenzene (Surr)	86	75 - 125
Trifluorotoluene (Surr)	113	75 - 125

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: B2-2.5-2.75'

Lab Sample ID: 580-2833-4 | Date Sampled: 06/12/2006 1515
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8113 | Instrument ID: 5973 Inert
Preparation: 5035 | Prep Batch: 580-8066 | Lab File ID: HP11454.D
Dilution: 1.0 | Initial Weight/Volume: 16.16 g
Date Analyzed: 06/16/2006 1703 | Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Dichlorodifluoromethane		ND		27
Chloromethane		ND		27
Vinyl chloride		ND		5.5
Bromomethane		ND		27
Chloroethane		ND		55
Trichlorofluoromethane		ND		27
1,1-Dichloroethene		ND		5.5
Methylene Chloride		ND		5.5
trans-1,2-Dichloroethene		ND		27
1,1-Dichloroethane		ND		27
2,2-Dichloropropane		ND		27
cis-1,2-Dichloroethene		ND		27
Chlorobromomethane		ND		27
Chloroform		ND		27
1,1,1-Trichloroethane		ND		5.5
Carbon tetrachloride		ND		5.5
1,1-Dichloropropene		ND		27
Benzene		ND		5.5
1,2-Dichloroethane		ND		5.5
Trichloroethene		5.9		5.5
1,2-Dichloropropane		ND		5.5
Dibromomethane		ND		27
Dichlorobromomethane		ND		27
cis-1,3-Dichloropropene		ND		27
Toluene		ND		27
trans-1,3-Dichloropropene		ND		27
1,1,2-Trichloroethane		ND		27
Tetrachloroethene		82		5.5
1,3-Dichloropropane		ND		5.5
Chlorodibromomethane		ND		27
Ethylene Dibromide		ND		5.5
Chlorobenzene		ND		27
Ethylbenzene		ND		27
1,1,1,2-Tetrachloroethane		ND		27
1,1,2,2-Tetrachloroethane		ND		5.5
m-Xylene & p-Xylene		ND		55
o-Xylene		ND		27
Styrene		ND	*	27
Bromoform		ND		27
Isopropylbenzene		ND		27
Bromobenzene		ND		27
N-Propylbenzene		ND		27
1,2,3-Trichloropropane		ND		5.5

Client: Buchanan Environmental Association Job Number: 580-2833-1

Client Sample ID: B2-2.5-2.75'

Lab Sample ID: 580-2833-4 Date Sampled: 06/12/2006 1515
Client Matrix: Solid % Moisture: 9.6 Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-8113 Instrument ID: 5973 Inert
Preparation: 5035 Prep Batch: 580-8066 Lab File ID: HP11454.D
Dilution: 1.0 Initial Weight/Volume: 16.16 g
Date Analyzed: 06/16/2006 1703 Final Weight/Volume: 400 mL
Date Prepared: 06/16/2006 1359

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
2-Chlorotoluene		ND		27
1,3,5-Trimethylbenzene		ND		27
4-Chlorotoluene		ND		27
tert-Butylbenzene		ND		27
1,2,4-Trimethylbenzene		ND		27
sec-Butylbenzene		ND		27
1,3-Dichlorobenzene		ND		27
4-Isopropyltoluene		ND		27
1,4-Dichlorobenzene		ND		27
n-Butylbenzene		ND		27
1,2-Dichlorobenzene		ND		27
1,2-Dibromo-3-Chloropropane		ND		27
1,2,4-Trichlorobenzene		ND		27
1,2,3-Trichlorobenzene		ND		27
Hexachlorobutadiene		ND		27
Naphthalene		ND		27

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	107	75 - 125
Toluene-d8	90	75 - 125
Ethylbenzene-d10	89	75 - 125
4-Bromofluorobenzene (Surr)	84	75 - 125
Trifluorotoluene (Surr)	111	75 - 125

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: **MW-1**

Lab Sample ID: 580-2833-5 | Date Sampled: 06/13/2006 1310
Client Matrix: Water | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8030 | Instrument ID: ITS40
Preparation: 5030B | Lab File ID: X24728.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 06/15/2006 1907 | Final Weight/Volume: 5 mL
Date Prepared: 06/15/2006 1907

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND	*	1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	7.3		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	5.0		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	21		2.0
o-Xylene	13		1.0
Styrene	ND	*	1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	3.4		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association | Job Number: 580-2833-1

Client Sample ID: **MW-1**

Lab Sample ID: 580-2833-5 | Date Sampled: 06/13/2006 1310
Client Matrix: Water | Date Received: 06/15/2006 1645

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-8030 | Instrument ID: ITS40
Preparation: 5030B | Lab File ID: X24728.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 06/15/2006 1907 | Final Weight/Volume: 5 mL
Date Prepared: 06/15/2006 1907

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	8.3		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	31		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	1.3		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	4.7		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	25		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	109	80 - 120
Toluene-d8	107	80 - 120
Ethylbenzene-d10	106	80 - 120
4-Bromofluorobenzene (Surr)	111	80 - 120
Trifluorotoluene (Surr)	116	80 - 120

General Chemistry

Client Sample ID: B1-0-1'

Lab Sample ID: 580-2833-1 Date Sampled: 06/12/2006 1640
Client Matrix: Solid Date Received: 06/15/2006 1645

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Solids	82		%	0.10	1.0	PercentMoisture
Anly Batch: 580-8072	Date Analyzed 06/16/2006 1551					

Client Sample ID: B2-0-1'

Lab Sample ID: 580-2833-2 Date Sampled: 06/12/2006 1655
Client Matrix: Solid Date Received: 06/15/2006 1645

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Solids	91		%	0.10	1.0	PercentMoisture
Anly Batch: 580-8072	Date Analyzed 06/16/2006 1551					

Client Sample ID: B2-1-2'

Lab Sample ID: 580-2833-3 Date Sampled: 06/12/2006 1505
Client Matrix: Solid Date Received: 06/15/2006 1645

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Solids	90		%	0.10	1.0	PercentMoisture
Anly Batch: 580-8072	Date Analyzed 06/16/2006 1551					

Client Sample ID: B2-2.5-2.75'

Lab Sample ID: 580-2833-4 Date Sampled: 06/12/2006 1515
Client Matrix: Solid Date Received: 06/15/2006 1645

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Solids	90		%	0.10	1.0	PercentMoisture
Anly Batch: 580-8072	Date Analyzed 06/16/2006 1551					

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Method Blank - Batch: 580-8030

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 580-8030/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/15/2006 1442
Date Prepared: 06/15/2006 1442

Analysis Batch: 580-8030
Prep Batch: N/A
Units: ug/L

Instrument ID: ITS40
Lab File ID: X24718.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Method Blank - Batch: 580-8030

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 580-8030/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/15/2006 1442
Date Prepared: 06/15/2006 1442

Analysis Batch: 580-8030
Prep Batch: N/A
Units: ug/L

Instrument ID: ITS40
Lab File ID: X24718.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	107	80 - 120
Toluene-d8	107	80 - 120
Ethylbenzene-d10	108	80 - 120
4-Bromofluorobenzene (Surr)	108	80 - 120
Trifluorotoluene (Surr)	111	80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-8030

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 580-8030/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/15/2006 1228
Date Prepared: 06/15/2006 1228

Analysis Batch: 580-8030
Prep Batch: N/A
Units: ug/L

Instrument ID: ITS40
Lab File ID: X24713.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 580-8030/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/15/2006 1255
Date Prepared: 06/15/2006 1255

Analysis Batch: 580-8030
Prep Batch: N/A
Units: ug/L

Instrument ID: ITS40
Lab File ID: X24714.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	82	84	30 - 155	2	20		
Chloromethane	91	98	40 - 125	8	20		
Vinyl chloride	96	96	50 - 145	0	20		
Bromomethane	75	79	30 - 145	5	20		
Chloroethane	97	102	60 - 135	5	20		
Trichlorofluoromethane	89	89	60 - 145	0	20		
1,1-Dichloroethene	89	90	70 - 130	0	15		
Methylene Chloride	119	120	55 - 140	1	20		
trans-1,2-Dichloroethene	102	103	60 - 140	1	20		
1,1-Dichloroethane	99	97	70 - 135	2	20		
2,2-Dichloropropane	93	98	80 - 120	5	20		
cis-1,2-Dichloroethene	99	100	70 - 125	2	20		
Chlorobromomethane	86	116	65 - 130	29	20		*
Chloroform	101	99	65 - 135	2	20		
1,1,1-Trichloroethane	97	97	65 - 130	0	20		
Carbon tetrachloride	96	101	65 - 140	5	20		
1,1-Dichloropropene	88	88	75 - 130	0	20		
Benzene	96	97	80 - 120	1	12		
1,2-Dichloroethane	101	106	70 - 130	5	20		
Trichloroethene	97	95	75 - 125	2	13		
1,2-Dichloropropane	107	109	75 - 125	2	20		
Dibromomethane	115	115	75 - 125	0	20		
Dichlorobromomethane	86	87	75 - 120	1	20		
cis-1,3-Dichloropropene	98	97	70 - 130	1	20		
Toluene	100	102	75 - 120	2	12		
trans-1,3-Dichloropropene	108	118	55 - 140	9	20		
1,1,2-Trichloroethane	100	93	75 - 125	7	20		
Tetrachloroethene	94	91	45 - 150	3	20		
1,3-Dichloropropane	104	103	75 - 125	0	20		
Chlorodibromomethane	83	80	60 - 135	4	20		
Ethylene Dibromide	101	105	80 - 120	4	20		
Chlorobenzene	100	98	80 - 120	2	13		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-8030

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 580-8030/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/15/2006 1228
Date Prepared: 06/15/2006 1228

Analysis Batch: 580-8030
Prep Batch: N/A
Units: ug/L

Instrument ID: ITS40
Lab File ID: X24713.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 580-8030/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/15/2006 1255
Date Prepared: 06/15/2006 1255

Analysis Batch: 580-8030
Prep Batch: N/A
Units: ug/L

Instrument ID: ITS40
Lab File ID: X24714.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylbenzene	99	95	75 - 125	4	20		
1,1,1,2-Tetrachloroethane	93	90	80 - 130	4	20		
1,1,2,2-Tetrachloroethane	106	111	65 - 130	4	20		
m-Xylene & p-Xylene	99	96	75 - 130	4	20		
o-Xylene	99	95	80 - 120	3	20		
Styrene	62	63	65 - 135	2	20	*	*
Bromoform	81	76	70 - 130	6	20		
Isopropylbenzene	110	116	80 - 125	5	20		
Bromobenzene	107	104	75 - 125	2	20		
N-Propylbenzene	100	101	70 - 130	1	20		
1,2,3-Trichloropropane	111	115	75 - 125	4	20		
2-Chlorotoluene	99	103	75 - 125	4	20		
1,3,5-Trimethylbenzene	103	104	75 - 130	1	20		
4-Chlorotoluene	102	98	75 - 130	4	20		
tert-Butylbenzene	101	98	70 - 130	2	20		
1,2,4-Trimethylbenzene	100	101	65 - 135	1	20		
sec-Butylbenzene	95	98	70 - 125	2	20		
1,3-Dichlorobenzene	97	99	75 - 125	2	20		
4-Isopropyltoluene	108	106	75 - 130	1	20		
1,4-Dichlorobenzene	97	105	75 - 125	8	20		
n-Butylbenzene	101	110	70 - 130	9	20		
1,2-Dichlorobenzene	103	102	70 - 120	1	20		
1,2-Dibromo-3-Chloropropane	117	117	50 - 130	0	20		
1,2,4-Trichlorobenzene	92	91	65 - 135	1	20		
1,2,3-Trichlorobenzene	104	109	55 - 140	5	20		
Hexachlorobutadiene	96	103	50 - 140	7	20		
Naphthalene	95	104	55 - 140	8	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	106	108	80 - 120
Toluene-d8	106	105	80 - 120
Ethylbenzene-d10	108	107	80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	102	107	80 - 120
Trifluorotoluene (Surr)	102	104	80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Method Blank - Batch: 580-8066

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-8066/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/16/2006 1240
Date Prepared: 06/16/2006 1359

Analysis Batch: 580-8113
Prep Batch: 580-8066
Units: ug/Kg

Instrument ID: 5973 Inert
Lab File ID: hp11448.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	ND		40
Chloromethane	ND		40
Vinyl chloride	ND		8.0
Bromomethane	ND		40
Chloroethane	ND		80
Trichlorofluoromethane	ND		40
1,1-Dichloroethene	ND		8.0
Methylene Chloride	ND		8.0
trans-1,2-Dichloroethene	ND		40
1,1-Dichloroethane	ND		40
2,2-Dichloropropane	ND		40
cis-1,2-Dichloroethene	ND		40
Chlorobromomethane	ND		40
Chloroform	ND		40
1,1,1-Trichloroethane	ND		8.0
Carbon tetrachloride	ND		8.0
1,1-Dichloropropene	ND		40
Benzene	ND		8.0
1,2-Dichloroethane	ND		8.0
Trichloroethene	ND		8.0
1,2-Dichloropropane	ND		8.0
Dibromomethane	ND		40
Dichlorobromomethane	ND		40
cis-1,3-Dichloropropene	ND		40
Toluene	ND		40
trans-1,3-Dichloropropene	ND		40
1,1,2-Trichloroethane	ND		40
Tetrachloroethene	ND		8.0
1,3-Dichloropropane	ND		8.0
Chlorodibromomethane	ND		40
Ethylene Dibromide	ND		8.0
Chlorobenzene	ND		40
Ethylbenzene	ND		40
1,1,1,2-Tetrachloroethane	ND		40
1,1,2,2-Tetrachloroethane	ND		8.0
m-Xylene & p-Xylene	ND		80
o-Xylene	ND		40
Styrene	ND		40
Bromoform	ND		40
Isopropylbenzene	ND		40
Bromobenzene	ND		40

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Method Blank - Batch: 580-8066

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-8066/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/16/2006 1240
Date Prepared: 06/16/2006 1359

Analysis Batch: 580-8113
Prep Batch: 580-8066
Units: ug/Kg

Instrument ID: 5973 Inert
Lab File ID: hp11448.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	RL
N-Propylbenzene	ND		40
1,2,3-Trichloropropane	ND		8.0
2-Chlorotoluene	ND		40
1,3,5-Trimethylbenzene	ND		40
4-Chlorotoluene	ND		40
tert-Butylbenzene	ND		40
1,2,4-Trimethylbenzene	ND		40
sec-Butylbenzene	ND		40
1,3-Dichlorobenzene	ND		40
4-Isopropyltoluene	ND		40
1,4-Dichlorobenzene	ND		40
n-Butylbenzene	ND		40
1,2-Dichlorobenzene	ND		40
1,2-Dibromo-3-Chloropropane	ND		40
1,2,4-Trichlorobenzene	ND		40
1,2,3-Trichlorobenzene	ND		40
Hexachlorobutadiene	ND		40
Naphthalene	ND		40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	108	75 - 125
Toluene-d8	92	75 - 125
Ethylbenzene-d10	89	75 - 125
4-Bromofluorobenzene (Surr)	86	75 - 125
Trifluorotoluene (Surr)	121	75 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-8066

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 580-8066/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/16/2006 1122
Date Prepared: 06/16/2006 1359

Analysis Batch: 580-8113
Prep Batch: 580-8066
Units: ug/Kg

Instrument ID: 5973 Inert
Lab File ID: HP11445.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

LCSD Lab Sample ID: LCSD 580-8066/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/16/2006 1148
Date Prepared: 06/16/2006 1359

Analysis Batch: 580-8113
Prep Batch: 580-8066
Units: ug/Kg

Instrument ID: 5973 Inert
Lab File ID: HP11446.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	72	74	35 - 135	2	20		
Chloromethane	109	110	50 - 130	1	20		
Vinyl chloride	112	114	60 - 125	2	20		
Bromomethane	64	64	30 - 160	1	20		
Chloroethane	52	47	40 - 155	10	20		
Trichlorofluoromethane	118	117	25 - 185	1	20		
1,1-Dichloroethene	106	107	75 - 125	1	26		
Methylene Chloride	112	115	55 - 140	2	20		
trans-1,2-Dichloroethene	110	113	65 - 135	2	20		
1,1-Dichloroethane	108	109	75 - 125	1	20		
2,2-Dichloropropane	108	109	65 - 135	1	20		
cis-1,2-Dichloroethene	105	110	65 - 125	5	20		
Chlorobromomethane	105	116	70 - 125	10	20		
Chloroform	106	111	70 - 125	5	20		
1,1,1-Trichloroethane	105	106	75 - 125	0	20		
Carbon tetrachloride	100	107	65 - 135	7	20		
1,1-Dichloropropene	100	106	75 - 125	7	20		
Benzene	106	107	75 - 125	1	22		
1,2-Dichloroethane	100	102	70 - 135	3	20		
Trichloroethene	100	105	75 - 125	5	28		
1,2-Dichloropropane	105	110	70 - 120	5	20		
Dibromomethane	96	104	75 - 130	8	20		
Dichlorobromomethane	83	90	70 - 130	8	20		
cis-1,3-Dichloropropene	86	86	70 - 125	0	20		
Toluene	106	110	70 - 125	5	21		
trans-1,3-Dichloropropene	88	96	35 - 125	9	20		
1,1,2-Trichloroethane	100	98	75 - 125	2	20		
Tetrachloroethene	92	98	65 - 140	6	20		
1,3-Dichloropropane	98	105	75 - 125	7	20		
Chlorodibromomethane	74	80	65 - 130	7	20		
Ethylene Dibromide	87	91	70 - 125	4	20		
Chlorobenzene	96	100	75 - 125	5	24		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-8066

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 580-8066/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/16/2006 1122
Date Prepared: 06/16/2006 1359

Analysis Batch: 580-8113
Prep Batch: 580-8066
Units: ug/Kg

Instrument ID: 5973 Inert
Lab File ID: HP11445.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

LCSD Lab Sample ID: LCSD 580-8066/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/16/2006 1148
Date Prepared: 06/16/2006 1359

Analysis Batch: 580-8113
Prep Batch: 580-8066
Units: ug/Kg

Instrument ID: 5973 Inert
Lab File ID: HP11446.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylbenzene	97	100	75 - 125	2	20		
1,1,1,2-Tetrachloroethane	89	94	75 - 125	6	20		
1,1,2,2-Tetrachloroethane	91	96	75 - 125	5	20		
m-Xylene & p-Xylene	107	114	80 - 125	7	20		
o-Xylene	106	112	75 - 125	5	20		
Styrene	73	78	75 - 125	7	20	*	
Bromoform	68	71	55 - 135	5	20		
Isopropylbenzene	101	106	75 - 130	5	20		
Bromobenzene	92	98	65 - 120	6	20		
N-Propylbenzene	95	104	65 - 135	9	20		
1,2,3-Trichloropropane	88	97	75 - 125	10	20		
2-Chlorotoluene	93	101	70 - 130	9	20		
1,3,5-Trimethylbenzene	93	99	65 - 135	6	20		
4-Chlorotoluene	95	104	75 - 125	9	20		
tert-Butylbenzene	90	96	65 - 130	7	20		
1,2,4-Trimethylbenzene	90	95	65 - 135	6	20		
sec-Butylbenzene	101	110	65 - 130	8	20		
1,3-Dichlorobenzene	94	101	70 - 125	8	20		
4-Isopropyltoluene	98	105	75 - 135	7	20		
1,4-Dichlorobenzene	103	107	70 - 125	3	20		
n-Butylbenzene	99	97	65 - 140	1	20		
1,2-Dichlorobenzene	108	113	75 - 120	5	20		
1,2-Dibromo-3-Chloropropane	93	92	40 - 135	1	20		
1,2,4-Trichlorobenzene	95	91	65 - 130	5	20		
1,2,3-Trichlorobenzene	88	91	75 - 125	4	20		
Hexachlorobutadiene	101	101	55 - 140	0	20		
Naphthalene	81	85	40 - 125	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	108	107	75 - 125
Toluene-d8	96	95	75 - 125
Ethylbenzene-d10	97	98	75 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	98	75 - 125
Trifluorotoluene (Surr)	115	118	75 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Buchanan Environmental Association Job Number: 580-2833-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits

Chain of Custody Record

BUCHANAN ENVIRONMENTAL ASSOC.

STL Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.stl-inc.com

SEVERN TRENT STL®

Client	Project Manager	Date	Chain of Custody Number
P.O. BOX 14634	DAVID BUCHANAN		26076
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
HUMBLE TX 77347	281-852-2438 / - 2462	2833	
City / State / Zip Code	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
	DAVID		
Project Name and Location (State)	**Carrier/Waybill Number**		
MUKILTEO SPEEDWAY WA			
Contract/Purchase Order/Quote No.			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	Zn Ac/ NaOH	CHOH	VOC	Special Instructions/ Conditions of Receipt
B-1-0-1'	6/12/06	450				X							X	X	EMAIL TO: BUCHANAN ENVIRONMENTAL @ EARTHLINK.NET
B2-0-1'		455				X							X	X	
B2-1-2'		505				X							X	X	CHALBEYE WEINGARTEN.COM
B2-2.5-2.75'		515				X							X	X	
MW-1	6/13/06	110		X						X			/	X	CINDY HALBEY

Page 27 of 28

Cooler	Possible Hazard Identification	Sample Disposal	(A fee may be assessed if samples are retained longer than 1 month)
☒ Yes ☐ No Cooler Temp:____	☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown	☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months	

Turn Around Time Required (business days)
☐ 24 Hours ☒ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	David Buchanan	6/14/06	445	ICha	6/14/06	4:45
2.						
3.						

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

STL8274-580 (12/02)

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Buchanan Environmental Association

Job Number: 580-2833-1

Login Number: 2833

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 580-3159-1

Job Description: Volatile Organics

For:
Buchanan Environmental Association
PO BOX 14634
Humble, TX 77347-4634

Attention: Mr. David Buchanan

Katie Downie
Project Manager II
kdownie@stl-inc.com
08/03/2006

Project Manager: Katie Downie

STL Seattle is a part of Severn Trent Laboratories, Inc.

SAMPLE SUMMARY

Client: Buchanan Environmental Association Job Number: 580-3159-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-3159-1	MW-1	Water	07/28/2006 0720	07/28/2006 0902
580-3159-2	MW-2	Water	07/28/2006 0700	07/28/2006 0902
580-3159-3	MW-3	Water	07/28/2006 0710	07/28/2006 0902

Client: Buchanan Environmental Association | Job Number: 580-3159-1

Client Sample ID: **MW-1**

Lab Sample ID: 580-3159-1 | Date Sampled: 07/28/2006 0720
Client Matrix: Water | Date Received: 07/28/2006 0902

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-9486 | Instrument ID: SEA036
Preparation: 5030B | Lab File ID: HP12177.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 08/01/2006 1637 | Final Weight/Volume: 5 mL
Date Prepared: 08/01/2006 1637

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	1.1		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association | Job Number: 580-3159-1

Client Sample ID: **MW-1**

Lab Sample ID: 580-3159-1 | Date Sampled: 07/28/2006 0720
Client Matrix: Water | Date Received: 07/28/2006 0902

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-9486 | Instrument ID: SEA036
Preparation: 5030B | Lab File ID: HP12177.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 08/01/2006 1637 | Final Weight/Volume: 5 mL
Date Prepared: 08/01/2006 1637

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	103	80 - 120
Toluene-d8	101	80 - 120
Ethylbenzene-d10	99	80 - 120
4-Bromofluorobenzene (Surr)	92	80 - 120
Trifluorotoluene (Surr)	92	80 - 120

Client: Buchanan Environmental Association | Job Number: 580-3159-1

Client Sample ID: **MW-2**

Lab Sample ID: 580-3159-2 | Date Sampled: 07/28/2006 0700
Client Matrix: Water | Date Received: 07/28/2006 0902

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-9486 | Instrument ID: SEA036
Preparation: 5030B | Lab File ID: HP12178.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 08/01/2006 1703 | Final Weight/Volume: 5 mL
Date Prepared: 08/01/2006 1703

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	2.0		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	1.1		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association | Job Number: 580-3159-1

Client Sample ID: **MW-2**

Lab Sample ID: 580-3159-2 | Date Sampled: 07/28/2006 0700
Client Matrix: Water | Date Received: 07/28/2006 0902

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-9486 | Instrument ID: SEA036
Preparation: 5030B | Lab File ID: HP12178.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 08/01/2006 1703 | Final Weight/Volume: 5 mL
Date Prepared: 08/01/2006 1703

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	102	80 - 120
Toluene-d8	101	80 - 120
Ethylbenzene-d10	99	80 - 120
4-Bromofluorobenzene (Surr)	94	80 - 120
Trifluorotoluene (Surr)	110	80 - 120

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Client Sample ID: **MW-3**

Lab Sample ID: 580-3159-3
Client Matrix: Water

Date Sampled: 07/28/2006 0710
Date Received: 07/28/2006 0902

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/01/2006 1728
Date Prepared: 08/01/2006 1728

Analysis Batch: 580-9486

Instrument ID: SEA036
Lab File ID: HP12179.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association | Job Number: 580-3159-1

Client Sample ID: **MW-3**

Lab Sample ID: 580-3159-3 | Date Sampled: 07/28/2006 0710
Client Matrix: Water | Date Received: 07/28/2006 0902

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-9486 | Instrument ID: SEA036
Preparation: 5030B | Lab File ID: HP12179.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 08/01/2006 1728 | Final Weight/Volume: 5 mL
Date Prepared: 08/01/2006 1728

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	104	80 - 120
Toluene-d8	101	80 - 120
Ethylbenzene-d10	100	80 - 120
4-Bromofluorobenzene (Surr)	94	80 - 120
Trifluorotoluene (Surr)	108	80 - 120

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Method Blank - Batch: 580-9486

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 580-9486/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1429
Date Prepared: 08/01/2006 1429

Analysis Batch: 580-9486
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA036
Lab File ID: hp12173.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND		5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Method Blank - Batch: 580-9486

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 580-9486/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1429
Date Prepared: 08/01/2006 1429

Analysis Batch: 580-9486
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA036
Lab File ID: hp12173.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	101	80 - 120
Toluene-d8	100	80 - 120
Ethylbenzene-d10	99	80 - 120
4-Bromofluorobenzene (Surr)	95	80 - 120
Trifluorotoluene (Surr)	102	80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-9486

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 580-9486/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1311
Date Prepared: 08/01/2006 1311

Analysis Batch: 580-9486
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA036
Lab File ID: HP12170.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 580-9486/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1337
Date Prepared: 08/01/2006 1337

Analysis Batch: 580-9486
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA036
Lab File ID: HP12171.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	89	88	30 - 155	1	20		
Chloromethane	105	105	40 - 125	0	20		
Vinyl chloride	101	98	50 - 145	3	20		
Bromomethane	124	116	30 - 145	6	20		
Chloroethane	97	100	60 - 135	3	20		
Trichlorofluoromethane	103	102	60 - 145	1	20		
1,1-Dichloroethene	114	105	70 - 130	8	15		
Methylene Chloride	104	105	55 - 140	0	20		
trans-1,2-Dichloroethene	104	106	60 - 140	2	20		
1,1-Dichloroethane	110	109	70 - 135	0	20		
2,2-Dichloropropane	101	96	80 - 120	5	20		
cis-1,2-Dichloroethene	105	103	70 - 125	2	20		
Chlorobromomethane	110	108	65 - 130	2	20		
Chloroform	103	102	65 - 135	1	20		
1,1,1-Trichloroethane	104	104	65 - 130	1	20		
Carbon tetrachloride	112	106	65 - 140	5	20		
1,1-Dichloropropene	102	102	75 - 130	0	20		
Benzene	104	103	80 - 120	1	12		
1,2-Dichloroethane	102	101	70 - 130	1	20		
Trichloroethene	101	100	75 - 125	1	13		
1,2-Dichloropropane	101	99	75 - 125	3	20		
Dibromomethane	103	107	75 - 125	4	20		
Dichlorobromomethane	104	103	75 - 120	1	20		
cis-1,3-Dichloropropene	102	100	70 - 130	2	20		
Toluene	101	101	75 - 120	0	12		
trans-1,3-Dichloropropene	94	95	55 - 140	0	20		
1,1,2-Trichloroethane	97	95	75 - 125	2	20		
Tetrachloroethene	103	103	45 - 150	0	20		
1,3-Dichloropropane	101	99	75 - 125	2	20		
Chlorodibromomethane	98	99	60 - 135	1	20		
Ethylene Dibromide	98	102	80 - 120	3	20		
Chlorobenzene	100	100	80 - 120	1	13		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-9486

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 580-9486/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1311
Date Prepared: 08/01/2006 1311

Analysis Batch: 580-9486
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA036
Lab File ID: HP12170.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 580-9486/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1337
Date Prepared: 08/01/2006 1337

Analysis Batch: 580-9486
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA036
Lab File ID: HP12171.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylbenzene	101	100	75 - 125	1	20		
1,1,1,2-Tetrachloroethane	97	96	80 - 130	1	20		
1,1,2,2-Tetrachloroethane	99	94	65 - 130	5	20		
m-Xylene & p-Xylene	101	99	75 - 130	2	20		
o-Xylene	99	99	80 - 120	0	20		
Styrene	101	100	65 - 135	0	20		
Bromoform	90	91	70 - 130	1	20		
Isopropylbenzene	104	102	80 - 125	2	20		
Bromobenzene	99	101	75 - 125	1	20		
N-Propylbenzene	103	104	70 - 130	1	20		
1,2,3-Trichloropropane	99	99	75 - 125	0	20		
2-Chlorotoluene	99	98	75 - 125	1	20		
1,3,5-Trimethylbenzene	103	102	75 - 130	1	20		
4-Chlorotoluene	99	101	75 - 130	2	20		
tert-Butylbenzene	99	98	70 - 130	1	20		
1,2,4-Trimethylbenzene	102	102	65 - 135	0	20		
sec-Butylbenzene	100	100	70 - 125	0	20		
1,3-Dichlorobenzene	98	99	75 - 125	1	20		
4-Isopropyltoluene	98	97	75 - 130	1	20		
1,4-Dichlorobenzene	96	94	75 - 125	2	20		
n-Butylbenzene	101	98	70 - 130	3	20		
1,2-Dichlorobenzene	96	95	70 - 120	1	20		
1,2-Dibromo-3-Chloropropane	87	93	50 - 130	6	20		
1,2,4-Trichlorobenzene	98	98	65 - 135	0	20		
1,2,3-Trichlorobenzene	100	94	55 - 140	6	20		
Hexachlorobutadiene	95	99	50 - 140	4	20		
Naphthalene	98	98	55 - 140	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	100	101	80 - 120
Toluene-d8	101	101	80 - 120
Ethylbenzene-d10	100	101	80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	98	98	80 - 120
Trifluorotoluene (Surr)	104	103	80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chain of Custody Record

STL Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.stl-inc.com

Temp°: 1.7°C

SEVERN TRENT STL®

Client	Project Manager	Date	Chain of Custody Number
BUCHANAN ENVIRONMENTAL ASSOC.	DAVID BUCHANAN	7/28/06	26426

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page ____ of ____
20406 PERRYOAK DR	281 852 2438 / -2462	3159	

City	State	Zip Code	Site Contact	Lab Contact
HUMBLE	TX	77347	SAME	

Project Name and Location (State)	Carrier/Waybill Number
MUKILTEO SPEEDWAY	

Contract/Purchase Order/Quote No.: 206120

Analysis (Attach list if more space is needed): VOCs

Special Instructions/ Conditions of Receipt

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH
MW-1	7/28/06	7:20		X						X		
MW-2	7/28/06	7:00		X						X		
MW-3	7/28/06	7:10		X						X		
TRIP BLANK												

Cooler: [X] Yes [ ] No Cooler Temp:_____

Possible Hazard Identification: [ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): [ ] 24 Hours [X] 48 Hours [ ] 5 Days [ ] 10 Days [ ] 15 Days [ ] Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: David Buchanan	7/28/06	902	1. Received By: Samantha Kaliski	7/28/06	9:02
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Buchanan Environmental Association

Job Number: 580-3159-1

Login Number: 3159

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Client: Buchanan Environmental Association | Job Number: 580-3370-1

Client Sample ID: B-6 6.5 - 7

Lab Sample ID: 580-3370-1 | Date Sampled: 08/22/2006 1600
Client Matrix: Solid | % Moisture: 12.0 | Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 580-10253 | Instrument ID: SEA001
Preparation: 5035 | Prep Batch: 580-10242 | Lab File ID: AG29166.D
Dilution: 1.0 | Initial Weight/Volume: 10.433 g
Date Analyzed: 08/25/2006 2117 | Final Weight/Volume: 400 mL
Date Prepared: 08/25/2006 1528

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Dichlorodifluoromethane		ND		44
Chloromethane		ND		44
Vinyl chloride		ND		17
Bromomethane		ND		220
Chloroethane		ND		220
Trichlorofluoromethane		ND		44
1,1-Dichloroethene		ND		17
Methylene Chloride		ND		44
trans-1,2-Dichloroethene		ND		44
1,1-Dichloroethane		ND	*	44
2,2-Dichloropropane		ND		44
cis-1,2-Dichloroethene		ND		44
Chlorobromomethane		ND		44
Chloroform		ND		44
1,1,1-Trichloroethane		ND		17
Carbon tetrachloride		ND		17
1,1-Dichloropropene		ND		44
Benzene		ND		8.7
1,2-Dichloroethane		ND		44
Trichloroethene		ND		17
1,2-Dichloropropane		ND		8.7
Dibromomethane		ND		44
Dichlorobromomethane		ND		44
cis-1,3-Dichloropropene		ND		44
Toluene		ND		44
trans-1,3-Dichloropropene		ND		44
1,1,2-Trichloroethane		ND		44
Tetrachloroethene		ND		27
1,3-Dichloropropane		ND		17
Chlorodibromomethane		ND		44
Ethylene Dibromide		ND		44
Chlorobenzene		ND		44
Ethylbenzene		ND		44
1,1,1,2-Tetrachloroethane		ND		44
1,1,2,2-Tetrachloroethane		ND		8.7
m-Xylene & p-Xylene		ND		44
o-Xylene		ND		44
Styrene		ND		44
Bromoform		ND		44
Isopropylbenzene		ND		44
Bromobenzene		ND		44
N-Propylbenzene		ND		44
1,2,3-Trichloropropane		ND		44

Client: Buchanan Environmental Association Job Number: 580-3370-1

Client Sample ID: B-6 6.5 - 7

Lab Sample ID: 580-3370-1 Date Sampled: 08/22/2006 1600
Client Matrix: Solid % Moisture: 12.0 Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-10253 Instrument ID: SEA001
Preparation: 5035 Prep Batch: 580-10242 Lab File ID: AG29166.D
Dilution: 1.0 Initial Weight/Volume: 10.433 g
Date Analyzed: 08/25/2006 2117 Final Weight/Volume: 400 mL
Date Prepared: 08/25/2006 1528

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
2-Chlorotoluene		ND		44
1,3,5-Trimethylbenzene		ND		44
4-Chlorotoluene		ND		44
tert-Butylbenzene		ND		44
1,2,4-Trimethylbenzene		ND		44
sec-Butylbenzene		ND		44
1,3-Dichlorobenzene		ND		44
4-Isopropyltoluene		ND		44
1,4-Dichlorobenzene		ND		44
n-Butylbenzene		ND		44
1,2-Dichlorobenzene		ND		44
1,2-Dibromo-3-Chloropropane		ND		44
1,2,4-Trichlorobenzene		ND		44
1,2,3-Trichlorobenzene		ND		44
Hexachlorobutadiene		ND		44
Naphthalene		ND		44

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	100	75 - 125
Toluene-d8 (Surr)	94	75 - 125
Ethylbenzene-d10	95	75 - 125
4-Bromofluorobenzene (Surr)	87	75 - 125
Trifluorotoluene (Surr)	92	75 - 125

Client: Buchanan Environmental Association Job Number: 580-3370-1

Client Sample ID: B-6 8.5 - 9

Lab Sample ID: 580-3370-2 Date Sampled: 08/22/2006 1605
Client Matrix: Solid % Moisture: 13.9 Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-10253 Instrument ID: SEA001
Preparation: 5035 Prep Batch: 580-10242 Lab File ID: AG29167.D
Dilution: 1.0 Initial Weight/Volume: 10.249 g
Date Analyzed: 08/25/2006 2143 Final Weight/Volume: 400 mL
Date Prepared: 08/25/2006 1528

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Dichlorodifluoromethane		ND		45
Chloromethane		ND		45
Vinyl chloride		ND		18
Bromomethane		ND		230
Chloroethane		ND		230
Trichlorofluoromethane		ND		45
1,1-Dichloroethene		ND		18
Methylene Chloride		ND		45
trans-1,2-Dichloroethene		ND		45
1,1-Dichloroethane		ND	*	45
2,2-Dichloropropane		ND		45
cis-1,2-Dichloroethene		ND		45
Chlorobromomethane		ND		45
Chloroform		ND		45
1,1,1-Trichloroethane		ND		18
Carbon tetrachloride		ND		18
1,1-Dichloropropene		ND		45
Benzene		ND		9.1
1,2-Dichloroethane		ND		45
Trichloroethene		ND		18
1,2-Dichloropropane		ND		9.1
Dibromomethane		ND		45
Dichlorobromomethane		ND		45
cis-1,3-Dichloropropene		ND		45
Toluene		ND		45
trans-1,3-Dichloropropene		ND		45
1,1,2-Trichloroethane		ND		45
Tetrachloroethene		ND		28
1,3-Dichloropropane		ND		18
Chlorodibromomethane		ND		45
Ethylene Dibromide		ND		45
Chlorobenzene		ND		45
Ethylbenzene		ND		45
1,1,1,2-Tetrachloroethane		ND		45
1,1,2,2-Tetrachloroethane		ND		9.1
m-Xylene & p-Xylene		ND		45
o-Xylene		ND		45
Styrene		ND		45
Bromoform		ND		45
Isopropylbenzene		ND		45
Bromobenzene		ND		45
N-Propylbenzene		ND		45
1,2,3-Trichloropropane		ND		45

Client: Buchanan Environmental Association | Job Number: 580-3370-1

Client Sample ID: **B-6 8.5 - 9**

Lab Sample ID:	580-3370-2			Date Sampled:	08/22/2006 1605
Client Matrix:	Solid	% Moisture:	13.9	Date Received:	08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 580-10253		Instrument ID:	SEA001
Preparation:	5035	Prep Batch: 580-10242		Lab File ID:	AG29167.D
Dilution:	1.0			Initial Weight/Volume:	10.249 g
Date Analyzed:	08/25/2006 2143			Final Weight/Volume:	400 mL
Date Prepared:	08/25/2006 1528				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
2-Chlorotoluene		ND		45
1,3,5-Trimethylbenzene		ND		45
4-Chlorotoluene		ND		45
tert-Butylbenzene		ND		45
1,2,4-Trimethylbenzene		ND		45
sec-Butylbenzene		ND		45
1,3-Dichlorobenzene		ND		45
4-Isopropyltoluene		ND		45
1,4-Dichlorobenzene		ND		45
n-Butylbenzene		ND		45
1,2-Dichlorobenzene		ND		45
1,2-Dibromo-3-Chloropropane		ND		45
1,2,4-Trichlorobenzene		ND		45
1,2,3-Trichlorobenzene		ND		45
Hexachlorobutadiene		ND		45
Naphthalene		ND		45

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	98	75 - 125
Toluene-d8 (Surr)	94	75 - 125
Ethylbenzene-d10	98	75 - 125
4-Bromofluorobenzene (Surr)	89	75 - 125
Trifluorotoluene (Surr)	92	75 - 125

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **MW-1**

Lab Sample ID: 580-3370-3
Client Matrix: Water

Date Sampled: 08/23/2006 0830
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1816
Date Prepared: 08/25/2006 1816

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000458.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND	*	5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association Job Number: 580-3370-1

Client Sample ID: MW-1

Lab Sample ID: 580-3370-3
Client Matrix: Water

Date Sampled: 08/23/2006 0830
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1816
Date Prepared: 08/25/2006 1816

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000458.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	102	80 - 120
Toluene-d8 (Surr)	106	80 - 120
Ethylbenzene-d10	110	80 - 120
4-Bromofluorobenzene (Surr)	109	80 - 120
Trifluorotoluene (Surr)	102	80 - 120

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **MW-2**

Lab Sample ID: 580-3370-4
Client Matrix: Water

Date Sampled: 08/23/2006 0900
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1751
Date Prepared: 08/25/2006 1751

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000456.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND	*	5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	1.3		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: MW-2

Lab Sample ID: 580-3370-4
Client Matrix: Water

Date Sampled: 08/23/2006 0900
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1751
Date Prepared: 08/25/2006 1751

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000456.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	103	80 - 120
Toluene-d8 (Surr)	108	80 - 120
Ethylbenzene-d10	111	80 - 120
4-Bromofluorobenzene (Surr)	114	80 - 120
Trifluorotoluene (Surr)	104	80 - 120

Client: Buchanan Environmental Association Job Number: 580-3370-1

Client Sample ID: MW-3

Lab Sample ID: 580-3370-5
Client Matrix: Water

Date Sampled: 08/23/2006 0840
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1726
Date Prepared: 08/25/2006 1726

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000454.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	1.3		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND	*	5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **MW-3**

Lab Sample ID: 580-3370-5
Client Matrix: Water

Date Sampled: 08/23/2006 0840
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1726
Date Prepared: 08/25/2006 1726

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000454.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	102	80 - 120
Toluene-d8 (Surr)	111	80 - 120
Ethylbenzene-d10	114	80 - 120
4-Bromofluorobenzene (Surr)	109	80 - 120
Trifluorotoluene (Surr)	101	80 - 120

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: MW-4

Lab Sample ID: 580-3370-6
Client Matrix: Water

Date Sampled: 08/23/2006 0850
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1702
Date Prepared: 08/25/2006 1702

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000452.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND	*	5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association Job Number: 580-3370-1

Client Sample ID: MW-4

Lab Sample ID: 580-3370-6
Client Matrix: Water

Date Sampled: 08/23/2006 0850
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1702
Date Prepared: 08/25/2006 1702

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000452.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	102	80 - 120
Toluene-d8 (Surr)	111	80 - 120
Ethylbenzene-d10	112	80 - 120
4-Bromofluorobenzene (Surr)	108	80 - 120
Trifluorotoluene (Surr)	107	80 - 120

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **MW-5**

Lab Sample ID: 580-3370-7
Client Matrix: Water

Date Sampled: 08/23/2006 0910
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1637
Date Prepared: 08/25/2006 1637

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000450.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND	*	5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **MW-5**

Lab Sample ID: 580-3370-7
Client Matrix: Water

Date Sampled: 08/23/2006 0910
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1637
Date Prepared: 08/25/2006 1637

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000450.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	103	80 - 120
Toluene-d8 (Surr)	107	80 - 120
Ethylbenzene-d10	109	80 - 120
4-Bromofluorobenzene (Surr)	109	80 - 120
Trifluorotoluene (Surr)	96	80 - 120

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 580-3370-8
Client Matrix: Water

Date Sampled: 08/23/2006 0000
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1613
Date Prepared: 08/25/2006 1613

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000448.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Dichlorodifluoromethane	ND		1.0
Chloromethane	ND		1.0
Vinyl chloride	ND		1.0
Bromomethane	ND		1.0
Chloroethane	ND	*	5.0
Trichlorofluoromethane	ND		1.0
1,1-Dichloroethene	ND		1.0
Methylene Chloride	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,1-Dichloroethane	ND		1.0
2,2-Dichloropropane	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
Chlorobromomethane	ND		1.0
Chloroform	ND		1.0
1,1,1-Trichloroethane	ND		1.0
Carbon tetrachloride	ND		1.0
1,1-Dichloropropene	ND		1.0
Benzene	ND		1.0
1,2-Dichloroethane	ND		1.0
Trichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
Dibromomethane	ND		1.0
Dichlorobromomethane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Toluene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Tetrachloroethene	ND		1.0
1,3-Dichloropropane	ND		1.0
Chlorodibromomethane	ND		1.0
Ethylene Dibromide	ND		1.0
Chlorobenzene	ND		1.0
Ethylbenzene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
m-Xylene & p-Xylene	ND		2.0
o-Xylene	ND		1.0
Styrene	ND		1.0
Bromoform	ND		1.0
Isopropylbenzene	ND		1.0
Bromobenzene	ND		1.0
N-Propylbenzene	ND		1.0
1,2,3-Trichloropropane	ND		1.0

Client: Buchanan Environmental Association

Job Number: 580-3370-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 580-3370-8
Client Matrix: Water

Date Sampled: 08/23/2006 0000
Date Received: 08/23/2006 1015

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/25/2006 1613
Date Prepared: 08/25/2006 1613

Analysis Batch: 580-10396

Instrument ID: SEA043
Lab File ID: VB0000448.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
2-Chlorotoluene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
4-Chlorotoluene	ND		1.0
tert-Butylbenzene	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
4-Isopropyltoluene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
n-Butylbenzene	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
1,2,4-Trichlorobenzene	ND		1.0
1,2,3-Trichlorobenzene	ND		1.0
Hexachlorobutadiene	ND		1.0
Naphthalene	ND		1.0

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	102	80 - 120
Toluene-d8 (Surr)	112	80 - 120
Ethylbenzene-d10	111	80 - 120
4-Bromofluorobenzene (Surr)	107	80 - 120
Trifluorotoluene (Surr)	105	80 - 120

RESOURCE PROTECTION WELL REPORT

Washington State Department of Ecology

Original and 1st copy – Ecology, 2nd Copy – owner, 3rd copy - driller

PROPOSED USE:
☒ Construction
☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____
Consulting Firm _____

Current Notice of Intent No. RE01509

Type of Well ☒ Resource Protection ☐ Geotech Soil Boring
Unique Ecology Well ID Tag No. APP 716

DRILLING METHOD
☒ Hollow Stem Auger ☐ Air Rotary
☐ Mud Rotary ☐ Dual Rotary
☐ Core ☐ Other _____
Borehole Diameter 6

WELL LOCATION
Project Name N/A
Owner Mukilteo Properties LLC
Well Address 15619 Mukilteo Speedway
City Lynnwood County Snohomish
Location SE 1/4 NE 1/4 Sec 31 Twn 29 R 4E E or W

MONUMENT
☐ Above Ground Riser ☐ 6" x 5' ☐ 8" x 5' Stick up height _____ ft
☒ Flush Mount ☒ 8" ☐ 12" ☐ Other _____
Amount of Concrete used 2 SACKS

Tax Parcel No. _____
Construction/Decommission Start Date 6-13-06
Construction/Decommission Completed Date 6-15-06
Static Level _____

CASING INSTALLED
☐ PVC ☒ Sch 40 ☐ Sch 80 ☐ Inclinometer ☐ Other _____
☐ Threaded _____ " Diameter from _____ ft to _____ ft
☒ Glued 2" " Diameter from 0 ft to 5 ft
☐ Welded _____ " Diameter from _____ ft to _____ ft

SCREEN
☐ PVC ☒ Sch 40 ☐ Sch 80 ☐ Other _____
Diameter 2 Slot Size .020 from 5 ft to 15 ft
☐ Pre Pack Type ☐ PVC ☐ Sch 40 ☐ Sch 80 ☐ Other _____
Diameter of inner screen _____ " x Diameter of outer screen _____ "
Slot Size _____ Installed from _____ ft to _____ ft
☐ Stainless Steel _____ " Diameter from _____ ft to _____ ft
☐ Other _____ _____ " Diameter from _____ ft to _____ ft

SEAL
Type of material used ☒ Bentonite Chips Amount 0.5 SACKS
☐ Bentonite Grout Amount _____
☐ Portland Cement Amount _____
☐ Other _____ Amount _____
Placed from 1 ft to 3 ft

SAND/GRAVEL PACK
Type of material used ☒ Silica Sand Size 10/20 ☐ Pea Gravel
☐ Other _____
Placed from 3 ft to 15 ft
Amount of material used 10 SACKS

CONSTRUCTION OR DECOMMISSION PROCEDURE

Material or Formation	From	To
Asphalt	0	8"
Poorly Graded Sand+Gravel with Silt - Fill	8"	6
Sandy Silt Brown	6	9
Silty Sand Brown	9	12
Till - Refusal	12	15

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☐ Driller ☒ Trainee Name (print) Cory M James
Driller / Trainee Signature _____
Driller or Trainee License No 2828T

Drilling Company Gregory Drilling, Inc.
If Trainee, licensed driller's Signature and License No. Lawrence M Gregory 1973

RESOURCE PROTECTION WELL REPORT

Washington State Department of Ecology

Original and 1st copy - Ecology, 2nd Copy – owner, 3rd copy - driller

PROPOSED USE:
- [x] Construction
- [ ] Decommission *ORIGINAL INSTALLATION Notice of Intent Number* .....
- Consulting Firm .....

Current Notice of Intent No. RE01537

Type of Well [x] Resource Protection [ ] Geotech Soil Boring

Unique Ecology Well ID Tag No. APP 737

DRILLING METHOD
- [x] Hollow Stem Auger
- [ ] Air Rotary
- [ ] Mud Rotary
- [ ] Dual Rotary
- [ ] Core
- [ ] Other .....

Borehole Diameter 8

WELL LOCATION

Project Name N/A

Owner Mukilteo Properties LLC

Well Address 13019 Mukilteo Speedway

City Lynnwood County Snohomish

Location SE 1/4 NE1/4 Sec 34 Twn 28 R 4E or W

MONUMENT
- [ ] Above Ground Riser [ ] 6" x 5' [ ] 8" x 5' Stick up height ____ ft
- [x] Flush Mount [x] 8" [ ] 12" [ ] Other .....

Amount of Concrete used .....

Tax Parcel No .....

Construction/Decommission Start Date 7-27-06

Construction/Decommission Completed Date 7-27-06

Static Level .....

CASING INSTALLED
- [ ] PVC [x] Sch 40 [ ] Sch 80 [ ] Inclinometer [ ] Other .....
- [x] Threaded 2 " Diameter from 0 ft to 5 ft
- [ ] Glued ____ " Diameter from ____ ft to ____ ft
- [ ] Welded ____ " Diameter from ____ ft to ____ ft

SCREEN
- [ ] PVC [x] Sch 40 [ ] Sch 80 [ ] Other .....

Diameter 2 Slot Size .020 from 5 ft to 15 ft

- [ ] Pre Pack Type [ ] PVC [ ] Sch 40 [ ] Sch 80 [ ] Other .....

Diameter of inner screen ____ " x Diameter of outer screen ____ "

Slot Size ____ Installed from ____ ft to ____ ft

- [ ] Stainless Steel ____ " Diameter from ____ ft to ____ ft
- [ ] Other ____ " Diameter from ____ ft to ____ ft

SEAL

Type of material used [x] Bentonite Chips Amount 2

- [ ] Bentonite Grout Amount .....
- [ ] Portland Cement Amount .....
- [ ] Other ____ Amount .....

Placed from 2 ft to 5 ft

SAND/GRAVEL PACK

Type of material used [x] Silica Sand Size #0/20 [ ] Pea Gravel

[ ] Other .....

Placed from 5 ft to 15 ft

Amount of material used 9 Sacks

CONSTRUCTION OR DECOMMISSION PROCEDURE

Material or Formation	From	To
Asphalt	0	4
Fill Med/Coarse Brown Sand Gravels	4	6
Till	6	8
Med/Coarse Brown Sand	8	12
Till	12	15

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief

[x] Driller [ ] Trainee Name (print) Cory M James

Driller / Trainee Signature Cory M James

Driller or Trainee License No. 2828BT

Drilling Company Gregory Drilling, Inc.

If Trainee, licensed driller's Signature and License No. Lawrence H Gregory 1973

RESOURCE PROTECTION WELL REPORT

Washington State Department of Ecology

Original and 1st copy – Ecology, 2nd Copy – owner, 3rd copy - driller

PROPOSED USE:
☒ Construction
☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____
Consulting Firm _____

Current Notice of Intent No. RE01537

Type of Well ☐ Resource Protection ☐ Geotech Soil Boring
Unique Ecology Well ID Tag No APP 738

DRILLING METHOD
☒ Hollow Stem Auger ☐ Air Rotary
☐ Mud Rotary ☐ Dual Rotary
☐ Core ☐ Other _____
Borehole Diameter 6

WELL LOCATION
Project Name N/A
Owner Mukilteo Properties LLC
Well Address 13619 Mukilteo Speedway
City Lynnwood County Snohomish
Location SE 1/4 NE 1/4 Sec 29 Twn 28 R 4 ☐E ☒W
Tax Parcel No. _____
Construction/Decommission Start Date 7-27-06
Construction/Decommission Completed Date 7-27-06
Static Level _____

MONUMENT
☐ Above Ground Riser ☐ 6" x 5' ☐ 8" x 5' Stick up height _____ ft
☒ Flush Mount ☒ 8" ☐ 12" ☐ Other _____
Amount of Concrete used _____

CASING INSTALLED
☐ PVC ☒ Sch 40 ☐ Sch 80 ☐ Inclinometer ☐ Other _____
☒ Threaded 2 " Diameter from 0 ft to 18 ft
☐ Glued _____ " Diameter from _____ ft to _____ ft
☐ Welded _____ " Diameter from _____ ft to _____ ft

SCREEN
☐ PVC ☒ Sch 40 ☐ Sch 80 ☐ Other _____
Diameter 2 Slot Size .020 from 5 ft to 18 ft
☐ Pre Pack Type ☐ PVC ☐ Sch 40 ☐ Sch 80 ☐ Other _____
Diameter of inner screen _____ " x Diameter of outer screen _____ "
Slot Size _____ Installed from _____ ft to _____ ft
☐ Stainless Steel _____ " Diameter from _____ ft to _____ ft
☐ Other _____ _____ " Diameter from _____ ft to _____ ft

SEAL
Type of material used ☒ Bentonite Chips Amount 2 SACKS
☐ Bentonite Grout Amount _____
☐ Portland Cement Amount _____
☐ Other _____ Amount _____
Placed from 0 ft to 6 ft

SAND/GRAVEL PACK
Type of material used ☒ Silica Sand Size 10/20 ☐ Pea Gravel
☐ Other _____
Placed from 6 ft to 18 ft
Amount of material used 12 SACKS

CONSTRUCTION OR DECOMMISSION PROCEDURE

Material or Formation	From	To
Asphalt	0	4
Gravels + Poorly Graded Sand	4	1
Fine/med Brown Sand	1	6
Till	6	8
med/course Brown Sand	8	14
Till	14	18

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☒ Driller ☐ Trainee Name (print) Casey M James
Driller / Trainee Signature _____
Driller or Trainee License No. 2828

Drilling Company Gregory Drilling, Inc.
If Trainee, licensed driller's Signature and License No. Lawrence H Gregory 1973

RESOURCE PROTECTION WELL REPORT #4

WELL TAG NO. APP-740 START CARD NO. RE01562

PROJECT NAME: Mukilteo Properties LLC
WELL IDENTIFICATION NO. Monitoring
DRILLING METHOD: Hollow Stem Auger
DRILLER: Corey M. James
FIRM: Gregory Drilling inc
SIGNATURE: Cory M James
CONSULTING FIRM: Buchanan Environmental
REPRESENTATIVE: Dave Buchanan

COUNTY: Snohomish
LOCATION: SE ¼ NE ¼ Sec 34 Twn 28 R 4E
STREET ADDRESS OF WELL: 1569 Mukilteo Speedway, Lynnwood, WA.
WATER LEVEL ELEVATION: N/A
GROUND SURFACE ELEVATION: N/A
INSTALLED: 8-22-06
DEVELOPED: Buchanan Environmental

Soil Type	Depth (in feet below ground surface)
3" — 8" Asphalt	0
8" — 4' Poorly Graded Sand & Gravel (Fill material)	2'
4' — 12' Sandy SILT Brown	4'
12' — 20' Medium Grade Sand	5'
20' — 25' Glacial Till Small Gravel Sand - Medium SILT.	25'

Suck-up Height (if applicable)
Monument Type: 8" flush Monument
Well Cap Type: 2" cap
Grout Type/#Sacks: 1½ sk Concrete mix
Bentonite Seal/#Sacks: 2 sk Bentonite Chips
Well Casing I.D.: 2"
Type of casing: sch 40 PVC
Type of connection: Flush Thread
Filter Pack/size/#Sacks: 10-20 Silica, 23 sks
Well Screen I.D: 2"
Type of Screen: sch 40 PVC
Slot size: .020
Diameter of borehole: 8"
Endcap Type: 2" cap

Remarks: Trainee — Cory M James * 2828 T
Driller — Lachenmar N. Gregory * 1973

#5

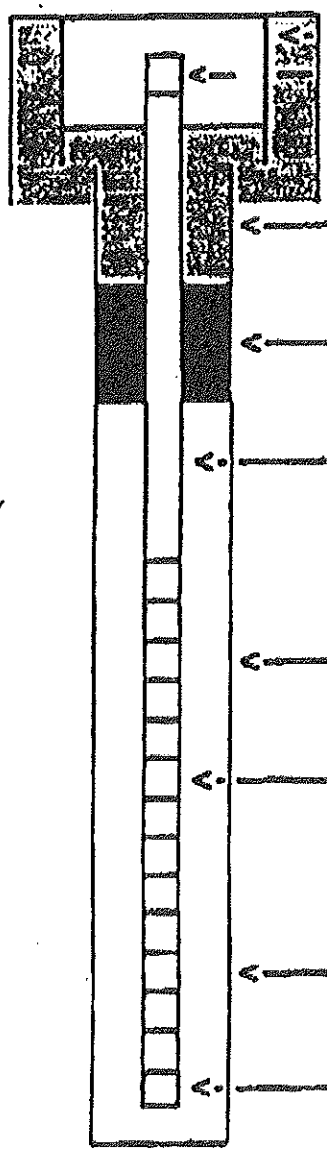
RESOURCE PROTECTION WELL REPORT

WELL TAG NO. APP 7141 START CARD NO. RED1562

PROJECT NAME: Mukilteo Properties LLC
WELL IDENTIFICATION NO. Monitoring
DRILLING METHOD: Hollow Stem Auger
DRILLER: Corey M James
FIRM: Gregory Drilling inc.
SIGNATURE: Cory M James
CONSULTING FIRM: Buchanan Environmental
REPRESENTATIVE: Dave Buchanan

COUNTY: Snohomish
LOCATION: SE ¼ NE ¼ Sec 34 Twn 28 R 4 E
STREET ADDRESS OF WELL: 1569 Mukilteo Speedway Lynnwood, WA.
WATER LEVEL ELEVATION: N/A
GROUND SURFACE ELEVATION: N/A
INSTALLED: 8-22-06
DEVELOPED: Buchanan Environmental

Soil Type	Depth (in feet below ground surface)
0 — 8" Asphalt	0
8" — 4.5' Poorly Graded and Gravel	
4.5' — 13' Sandy Silt Brown	2'
13' — 20' Medium Grade Sand	4'
20' — 25' Glacial Till and — Rounded Gravel & Silt	5'
	25



Stick-up Height (if applicable)
Monument Type 8" Flush Monument
Well Cap Type 2" Cap
Grout Type/#Sacks 2 st Concrete Mix
Bentonite Seal/#Sacks 2 st Bedrock Chips
Well Casing I.D.: 2"
Type of casing Sch 40 PVC
Type of connection Flush-Thread
Filter Pack/size/#Sacks 10-20 Silica, 21 sks
Well Screen I.D 2"
Type of Screen Sch 40 PVC
Slot size .020
Diameter of borehole 8"
Endcap Type 2" Cap

Remarks: Trainer - Cory M James # 2828 T
Driller - Lawrence N. Gregory # 1993