February 27, 2008

Mr. James Tosti, President
Windward Real Estate Services, Inc.
7981 168th Avenue NE, #118
Redmond, WA 98052

Re: Soil and Groundwater Sampling Results
1006 Lake Street, Kirkland, Washington
Project No. 080009

Dear Mr. Tosti:

This letter presents results of soil and groundwater sampling performed at the 1006 Lake Street property in Kirkland, Washington. The site is currently occupied by an active dry cleaning operation and formerly housed a restaurant. A previous site investigation identified chlorinated volatile organic compounds (VOCs) in a shallow groundwater sample collected beneath the dry cleaner building at concentrations greater than regulatory cleanup levels. The purpose of current investigation was to collect additional soil and groundwater quality data to more fully assess the extent of the chlorinated VOC release at the site.

Property Description

The subject property is currently occupied by an active dry cleaners (Michael's Fine Dry Cleaning) and an empty storefront that formerly housed a restaurant. The property is bordered to the south by an empty lot, to the east by a single family residence, and to the north and west by 10th Avenue South and Lake Street South, respectively (Figure 1). Lake Washington is located approximately 200 feet west of the property. Lake elevation is approximately 20 feet below the ground surface at the property. The parking areas on the west and south sides of the property are paved with asphalt. The east side of the property, behind the dry cleaner and restaurant building, is unpaved and overgrown with blackberries. This area is at the base of steep slopes coming down from 10th Avenue South and the residential property to the east. An apparent sanitary sewer line was located along the east side of the building. This line runs north toward 10th Avenue South, although it was not determined where this sewer line joins the sewer main line.

Previous Investigation

A previous investigation to evaluate site soil and groundwater conditions was performed by Environmental Associates, Inc. (EAI, 2006). Four soil borings (B-1 through B-4) were drilled at the property in July 2006 using a direct-push (e.g., Geoprobe) drill rig. Borings were located in the parking lot west of the building, in the inferred downgradient direction from the dry cleaners; on the south side of the building near the back exit from the dry cleaners; and

inside the building on the front and back sides of the dry cleaning machine. Approximate boring locations are shown on Figure 1.

One or two soil samples were collected from each boring and submitted for laboratory analysis of volatile organic compounds (VOCs) by EPA Method 8260B. One groundwater sample was also collected from the only boring where water was encountered boring (B-4) and submitted for analysis of VOCs. Analytical results are summarized in Tables 1 and 2. VOCs were not detected in any soil sample at concentrations above the laboratory reporting limit. Three chlorinated VOCs associated with dry cleaning solvents were detected in the groundwater sample. Detected VOCs include tetrachloroethene (PCE) at a concentration of 10 µg/L, trichloroethene (TCE) at a concentration of 2.8 µg/L, and cis-1,2-dichloroethene (cis-1,2-DCE) at a concentration of 5.5 µg/L. The concentration of PCE exceeded the Washington State Model Toxics Control Act (MTCA) Method A groundwater cleanup level for this substance of 5 µg/L. Detected concentrations of TCE and cis-1,2-DCE were below their respective cleanup levels. Based on these results it was concluded that a release of dry cleaning solvents had occurred, resulting in adverse environmental impacts in the vicinity of the dry cleaning machine.

Current Investigation and Results

There were three primary purposes for the current investigation:

- Collect additional soil samples adjacent to and in the presumed downgradient direction from the dry cleaner building to evaluate whether the release of dry cleaning solvents has affected a broader area of the site (borings B-6 through B-9);
- Collect soil and groundwater samples from adjacent to the sanitary sewer line to assess whether the sewer line has acted as a secondary source of release of dry cleaning solvents (Boring B-5); and
- Collect groundwater samples to assess whether groundwater beneath the site has been impacted (any boring where groundwater encountered).

On January 31, 2008, five soil borings (B-5 through B-9) were completed at the site under the direction of an Aspect Consulting, LLC geologist. Borings B-6 through B-9 were completed using a Geoprobe drill rig. Boring B-5, located behind the building, was drilled using a hand auger due to access limitations for a drill rig. Soil samples were collected continuously through the drilling depth. Soil conditions and field observations were recorded on the boring logs, which are included in Attachment 1. Soils encountered during drilling generally consisted of dense silty sand and hard sandy silt, which is interpreted as a native glacial till unit. Due to the dense nature of the till, the Geoprobe borings could not advance through this unit, hitting refusal at between 4.5 and 8 feet below ground surface (bgs). Water was encountered in only one boring (B-5) next to the sanitary sewer line.

One soil sample was collected from B-5 and two soil samples each were collected from borings B-6 through B-9. One groundwater sample was also collected from boring B-5 using a temporary PVC well screen. Soil and groundwater samples were submitted to the analytical laboratory for analysis of VOCs by EPA Method 8260B. VOCs were not detected in any of

the soil or groundwater samples. Results are summarized on Tables 1 and 2. Copies of the laboratory certificates of analysis are presented in Attachment 2.

Conclusions and Recommendations

Based on results of the investigations completed to date, impacts associated with a release of dry cleaning solvents appears to be limited to the area near the dry cleaning machine. Chlorinated VOCs were not detected in soil samples collected outside the building footprint, or in a groundwater sample collected adjacent to the sanitary sewer line. The chlorinated VOC PCE was detected in a groundwater sample collected near the dry cleaning machine at a concentration exceeding MTCA cleanup levels.

Groundwater was encountered in only two of nine borings completed in the till unit. The presence of groundwater may reflect a "perched" condition, with water occurring in more permeable zones of the till. Due to the dense nature of the till, Geoprobe borings were not able to penetrate through the till unit. As a result the total thickness of the till, the presence of a deeper water bearing zone, and the potential for a release to impact groundwater beneath the till could not be assessed; however the low permeability till is expected to impede downward migration of VOCs released at the ground surface.

There are two options to consider in proceeding forward. The first option is to complete additional investigation prior to completing the property purchase. For this option we would recommend installing two monitoring wells in the presumed downgradient direction from the dry cleaners near Lake Street South. These wells would be drilled through the till unit into any underlying aquifer, with the purpose of assessing whether the solvent release at the dry cleaners has impacted deeper groundwater quality and whether any contaminants are moving off site. This work would be completed using a hollow stem auger drill rig capable of penetrating the till unit. This work would cost approximately $8,000 to $10,000.

The second option is to continue with the purchase and plan for construction contingency, as follows. Assuming the property purchase is completed and the property is redeveloped, subsurface work in the vicinity of the dry cleaning machine will likely require precautions to protect workers from exposure and to identify and ensure proper disposal of contaminated media. This could include either additional characterization of soil and groundwater quality near the dry cleaning machine to estimate the extents of contaminated soil and groundwater prior to building demolition, or proceeding with demolition followed by stockpiling and testing of suspected contaminated soil to determine proper disposal.

While contaminants were not detected in the sampled soil, it remains a possibility that residual dry cleaning solvents are present beneath the active machine. Because the extent of impacts appears relatively limited, soil excavation and disposal and collection and disposal of groundwater inflow during construction is likely a feasible option for site remediation if contamination is found. Depending on contaminant concentrations, typical costs associated with disposal of chlorinated VOC-impacted soil are approximately $90 per ton for soil with low concentrations of contaminants (i.e., nonhazardous waste) to approximately $275 to $300 per ton for disposal of soil with higher concentrations of contaminants (i.e., hazardous waste).

Limitations

Work for this project was performed and this report prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. It is intended for the exclusive use of Windward Real Estate Services, Inc. for specific application to the referenced property. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

Sincerely,

Aspect consulting, LLC

Joseph Morrice, LHG
Senior Hydrogeologist
jmorrice@aspectconsulting.com

Doug Hillman, LHG
Principal Hydrogeologist
dhillman@aspectconsulting.com

Attachments: Table 1 – Analytical Results - Soil
Table 2 – Analytical Results - Groundwater
Figure 1 – Exploration Locations
Attachment A – Boring Logs
Attachment B – Laboratory Certificates of Analysis

References

Environmental Associates, Inc., 2006. Preliminary Subsurface Sampling & Testing, 1006 Lake Street South, Kirkland, Washington.

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Table 1 - Analytical Results - Soil

1006 Lake Street, Kirkland, Washignton
Project 080009

			Concentration in µg/L			
Sample ID	**Date**	**Sampled By**	**Tetrachloroethene**	**Trichloroethene**	**cis-1,2-Dichloroethene**	**Vinyl Chloride**
B1-11	7/22/2006	EAI	<0.05	<0.03	<0.05	<0.05
B2-7.5	7/22/2006	EAI	<0.05	<0.03	<0.05	<0.05
B2-9	7/22/2006	EAI	<0.05	<0.03	<0.05	<0.05
B3-1	7/22/2006	EAI	<0.05	<0.03	<0.05	<0.05
B3-3.5	7/22/2006	EAI	<0.05	<0.03	<0.05	<0.05
B4-4	7/22/2006	EAI	<0.05	<0.03	<0.05	<0.05
B5-4	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B6-4.5	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B6-8	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B7-2.5	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B7-4.5	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B8-4	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B8-5	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B9-4	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
B9-5	1/31/2008	Aspect	<0.025	<0.03	<0.05	<0.05
Cleanup Level			0.05	0.03	800	0.67

Notes:
Cleanup levels listed are the more restrictive of MTCA Method A or Method B values for unrestricted land use.
< indicates constituent not detected at listed detection limit.

Table 2 - Analytical Results - Groundwater

1006 Lake Street, Kirkland, Washignton
Project 080009

			Concentration in µg/L			
Sample ID	**Date**	**Sampled By**	**Tetrachloroethene**	**Trichloroethene**	**cis-1,2-Dichloroethene**	**Vinyl Chloride**
B4-GW	7/22/2006	EAI	10	2.8	5.5	<0.2
B-5	1/31/2008	Aspect	<1	<1	<1	<0.2
Cleanup Level			5	5	70	0.2

Notes:
Cleanup levels listed are the more restrictive of MTCA Method A or Method B values for unrestricted land use.
< indicates constituent not detected at listed detection limit.

Soil Borings

- Aspect
- EAI
- Dry Cleaner Machine

Aspect consulting

www.aspectconsulting.com

Site Location and Exploration Locations

1006 Lake St. Kirkland, WA

Date: Feb 2008	PROJECT NO. 080009
Designed: PPW	
Drawn: PPW	FIGURE NO. 1
Reviewed: PPW	

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Aspect consulting
IN-DEPTH PERSPECTIVE

Boring Log

Project Number	Boring Number	Sheet
080009	B-5	1 of 1

Project Name: Windward - Lake Street
Ground Surface Elev:
Location: 1006 Lake Street South
Driller/Method: Northwest Probe / Hand-Auger, post-hole diggers
Depth to Water (FT BGS): 3.5
Sampling Method: 2" hand auger core
Start/Finish Date: 1/31/2007

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
							(First 2.5 feet of hole was pre-existing. Upper lithology inferred from surroundings)	
							loose, very moist, dark brown, slightly gravelly, silty SAND (GM). Loamy sand.	
1								1
2								2
3							dense, wet, grey, sandy silty GRAVEL (GM). Sewer line at 3.5 ft.	3
4	Backfilled with sand	B5-4	VOCs					4
5							Auger bottom at 5'	5
6								6
7								7
8								8
9								9

Sampler Type:
No Recovery
Continuous Core

PID - Photoionization Detector (Headspace Measurement)
Static Water Level
Water Level (ATD)

Logged by: JTL
Approved by: JM
Figure No. A - 1

Aspect consulting
IN-DEPTH PERSPECTIVE

Boring Log

Project Number	Boring Number	Sheet
080009	B-6	1 of 1

Project Name: Windward - Lake Street
Location: 1006 Lake Street South
Driller/Method: Northwest Probe / Direct Push Probe Rig
Sampling Method: Direct Push Continuous 2" Core
Ground Surface Elev:
Depth to Water (FT BGS):
Start/Finish Date: 1/31/2007

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
							Asphalt	
1	Backfilled with granular bentonite						very dense, slightly moist, brown to light grey, very gravelly, silty SAND (SM). Fine sand	1
2								2
3							Very hard, slightly moist, grey, slightly sandy, gravelly SILT (ML). Fine sand.	3
4		B6-4.5	VOCs					4
							Wet silty SAND (SM).	
5							Very hard, slightly moist, dark grey, slightly sandy SILT (ML). Fine sand.	5
6								6
7								7
8		B6-8	VOCs					8
							Probe refusal at 8'	
9								9

Sampler Type:
No Recovery
Continuous Core

PID - Photoionization Detector (Headspace Measurement)
Static Water Level
Water Level (ATD)

Logged by: JTL
Approved by: JM
Figure No. A - 2

Aspect consulting
IN-DEPTH PERSPECTIVE

Boring Log

Project Number	Boring Number	Sheet
080009	B-7	1 of 1

Project Name: Windward - Lake Street
Location: 1006 Lake Street South
Driller/Method: Northwest Probe / Direct Push Probe Rig
Sampling Method: Direct Push Continuous 2" Core
Ground Surface Elev:
Depth to Water (FT BGS):
Start/Finish Date: 1/31/2007

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
							Asphalt	
							loose, moist, dark brown, gravelly silty SAND. Organic-rich	
1							dense, moist, grey, very gravelly, very silty SAND (SM). Fine to medium sand.	1
2								2
		B7-2.5	VOCs				dense, slightly moist, gravelly, silty SAND (SM).	
3								3
4	Backfilled with granular bentonite						Very hard, slightly moist, dark grey, slightly sandy SILT (SM). Fine sand.	4
		B7-4.5	VOCs					
							Probe refusal at 4.5'	
5								5
6								6
7								7
8								8
9								9

Sampler Type:
No Recovery
Continuous Core

PID - Photoionization Detector (Headspace Measurement)
Static Water Level
Water Level (ATD)

Logged by: JTL
Approved by: JM
Figure No. A - 3

Aspect consulting
IN-DEPTH PERSPECTIVE

Boring Log

Project Number	Boring Number	Sheet
080009	B-8	1 of 1

Project Name: Windward - Lake Street
Location: 1006 Lake Street South
Driller/Method: Northwest Probe / Direct Push Probe Rig
Sampling Method: Direct Push Continuous 2" Core
Ground Surface Elev:
Depth to Water (FT BGS):
Start/Finish Date: 1/31/2007

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
							Asphalt	
							med dense, moist, gravelly silty SAND (SM).	
1								1
2								2
3								3
4	Backfilled with granular bentonite	B8-4	VOCs					4
							dense, moist, brown silty SAND (SW).	
5		B8-5	VOCs				very hard, slightly moist, dark grey slightly gravelly, silty SAND (SM). Pea gravel, fine sand Probe refusal at 5'	5
6								6
7								7
8								8
9								9

Sampler Type:
No Recovery
Continuous Core

PID - Photoionization Detector (Headspace Measurement)
Static Water Level
Water Level (ATD)

Logged by: JTL
Approved by: JM
Figure No. A - 4

Aspect consulting
IN-DEPTH PERSPECTIVE

Boring Log

Project Number	Boring Number	Sheet
080009	B-9	1 of 1

Project Name: Windward - Lake Street
Ground Surface Elev:
Location: 1006 Lake Street South
Driller/Method: Northwest Probe / Direct Push Probe Rig
Depth to Water (FT BGS):
Sampling Method: Direct Push Continuous 2" Core
Start/Finish Date: 1/31/2007

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
							Asphalt	
1							very dense, slightly moist, brown silty gravelly SAND (SM). Sand fine to medium.	1
2							very dense, slightly moist, grey silty gravelly SAND (SW). Sand fine to medium.	2
3								3
4	Backfilled with granular bentonite	B9-4	VOCs					4
5		B9-5	VOC's				very hard, moist, dark grey slightly sandy SILT (MLS). Fine sand Probe refusal at 5'	5
6								6
7								7
8								8
9								9

Sampler Type:
No Recovery
Continuous Core

PID - Photoionization Detector (Headspace Measurement)
Static Water Level
Water Level (ATD)

Logged by: JTL
Approved by: JM
Figure No. A - 5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
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February 13, 2008

RECEIVED
FEB 19 2008

Joe Morrice, Project Manager
Aspect Consulting
401 2nd Ave S, Suite 201
Seattle, WA 98104

Dear Mr. Morrice:

Included are the results from the testing of material submitted on February 6, 2008 from the Windward/080009, F&BI 802040 project. There are 19 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Parker Wittman
ASP0213R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 6, 2008 by Friedman & Bruya, Inc. from the Aspect Consulting Windward/080009, F&BI 802040 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Aspect Consulting
802040-01	B5-4'-013108
802040-02	B6-4.5-013108
802040-03	B6-8-013108
802040-04	B7-2.5-013108
802040-05	B7-4.5-013108
802040-06	B8-4-013108
802040-07	B8-5-013108
802040-08	B9-4-013108
802040-09	B9-5-013108
802040-10	B5-013108

All quality control requirements were acceptable.

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B5-4'-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-01
Date Analyzed:	02/07/08	Data File:	020709.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	94	32	147
1,2-Dichloroethane-d4	104	35	150
Toluene-d8	89	35	149
4-Bromofluorobenzene	106	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B6-4.5-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-02
Date Analyzed:	02/07/08	Data File:	020710.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	110	32	147
1,2-Dichloroethane-d4	113	35	150
Toluene-d8	108	35	149
4-Bromofluorobenzene	116	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B6-8-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-03
Date Analyzed:	02/07/08	Data File:	020711.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	105	32	147
1,2-Dichloroethane-d4	107	35	150
Toluene-d8	104	35	149
4-Bromofluorobenzene	118	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B7-2.5-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-04
Date Analyzed:	02/07/08	Data File:	020712.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	99	32	147
1,2-Dichloroethane-d4	106	35	150
Toluene-d8	98	35	149
4-Bromofluorobenzene	106	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B7-4.5-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-05
Date Analyzed:	02/07/08	Data File:	020713.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	90	32	147
1,2-Dichloroethane-d4	95	35	150
Toluene-d8	92	35	149
4-Bromofluorobenzene	99	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B8-4-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-06
Date Analyzed:	02/07/08	Data File:	020714.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	90	32	147
1,2-Dichloroethane-d4	97	35	150
Toluene-d8	91	35	149
4-Bromofluorobenzene	97	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B8-5-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-07
Date Analyzed:	02/07/08	Data File:	020715.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	89	32	147
1,2-Dichloroethane-d4	97	35	150
Toluene-d8	91	35	149
4-Bromofluorobenzene	95	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B9-4-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-08
Date Analyzed:	02/07/08	Data File:	020716.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	100	32	147
1,2-Dichloroethane-d4	107	35	150
Toluene-d8	100	35	149
4-Bromofluorobenzene	106	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B9-5-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-09
Date Analyzed:	02/07/08	Data File:	020717.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	94	32	147
1,2-Dichloroethane-d4	100	35	150
Toluene-d8	95	35	149
4-Bromofluorobenzene	102	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Aspect Consulting
Date Received:	Not Applicable	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	080174 mb
Date Analyzed:	02/07/08	Data File:	020708.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	84	32	147
1,2-Dichloroethane-d4	84	35	150
Toluene-d8	82	35	149
4-Bromofluorobenzene	91	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1
1,3-Dichloropropane	<0.05		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B5-013108	Client:	Aspect Consulting
Date Received:	02/06/08	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	802040-10
Date Analyzed:	02/07/08	Data File:	020707.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	99	55	118
1,2-Dichloroethane-d4	105	53	121
Toluene-d8	89	55	121
4-Bromofluorobenzene	110	29	181

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Aspect Consulting
Date Received:	Not Applicable	Project:	Windward/080009, F&BI 802040
Date Extracted:	02/07/08	Lab ID:	080173 mb
Date Analyzed:	02/07/08	Data File:	020706.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	101	55	118
1,2-Dichloroethane-d4	106	53	121
Toluene-d8	94	55	121
4-Bromofluorobenzene	100	29	181

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Date of Report: 02/13/08
Date Received: 02/06/08
Project: Windward/080009, F&BI 802040

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 802059-08 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	<0.05	<0.05	nm
Chloromethane	mg/kg (ppm)	<0.05	<0.05	nm
Vinyl chloride	mg/kg (ppm)	<0.05	<0.05	nm
Bromomethane	mg/kg (ppm)	<0.5	<0.5	nm
Chloroethane	mg/kg (ppm)	<0.5	<0.5	nm
Trichlorofluoromethane	mg/kg (ppm)	<0.5	<0.5	nm
Acetone	mg/kg (ppm)	<0.5	<0.5	nm
1,1-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
Methylene chloride	mg/kg (ppm)	<0.5	<0.5	nm
trans-1,2-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
1,1-Dichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
2,2-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
cis-1,2-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
Chloroform	mg/kg (ppm)	<0.05	<0.05	nm
2-Butanone (MEK)	mg/kg (ppm)	<0.5	<0.5	nm
1,2-Dichloroethane (EDC)	mg/kg (ppm)	<0.05	<0.05	nm
1,1,1-Trichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
1,1-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
Carbon Tetrachloride	mg/kg (ppm)	<0.05	<0.05	nm
Benzene	mg/kg (ppm)	<0.03	<0.03	nm
Trichloroethene	mg/kg (ppm)	<0.03	<0.03	nm
1,2-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
Bromodichloromethane	mg/kg (ppm)	<0.05	<0.05	nm
Dibromomethane	mg/kg (ppm)	<0.05	<0.05	nm
4-Methyl-2-pentanone	mg/kg (ppm)	<0.5	<0.5	nm
cis-1,3-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
Toluene	mg/kg (ppm)	<0.05	<0.05	nm
trans-1,3-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
1,1,2-Trichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
2-Hexanone	mg/kg (ppm)	<0.5	<0.5	nm
1,3-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
Tetrachloroethene	mg/kg (ppm)	<0.025	<0.025	nm
Dibromochloromethane	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dibromoethane (EDB)	mg/kg (ppm)	<0.05	<0.05	nm
Chlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
Ethylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	<0.05	<0.05	nm
m,p-Xylene	mg/kg (ppm)	<0.1	<0.1	nm
o-Xylene	mg/kg (ppm)	<0.05	<0.05	nm
Styrene	mg/kg (ppm)	<0.05	<0.05	nm
Isopropylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
Bromoform	mg/kg (ppm)	<0.05	<0.05	nm
n-Propylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
Bromobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,3,5-Trimethylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	<0.05	<0.05	nm
1,2,3-Trichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
2-Chlorotoluene	mg/kg (ppm)	<0.05	<0.05	nm
4-Chlorotoluene	mg/kg (ppm)	<0.05	<0.05	nm
tert-Butylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,2,4-Trimethylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
sec-Butylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
p-Isopropyltoluene	mg/kg (ppm)	<0.05	<0.05	nm
1,3-Dichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,4-Dichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	<0.05	<0.05	nm
1,2,4-Trichlorobenzene	mg/kg (ppm)	<0.1	<0.1	nm
Hexachlorobutadiene	mg/kg (ppm)	<0.1	<0.1	nm
Naphthalene	mg/kg (ppm)	<0.05	<0.05	nm
1,2,3-Trichlorobenzene	mg/kg (ppm)	<0.1	<0.1	nm

Date of Report: 02/13/08
Date Received: 02/06/08
Project: Windward/080009, F&BI 802040

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 802059-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.05	82	24-139
Chloromethane	mg/kg (ppm)	2.5	<0.05	87	30-153
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	97	41-150
Bromomethane	mg/kg (ppm)	2.5	<0.5	108	54-150
Chloroethane	mg/kg (ppm)	2.5	<0.5	95	36-161
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	177 vo	46-164
Acetone	mg/kg (ppm)	2.5	<0.5	101	47-157
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	104	22-144
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	38-149
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	100	53-138
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	101	65-125
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	88	26-153
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	101	59-140
Chloroform	mg/kg (ppm)	2.5	<0.05	103	67-126
2-Butanone (MEK)	mg/kg (ppm)	2.5	<0.5	112	40-160
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	101	68-127
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	99	61-134
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	102	59-128
Carbon Tetrachloride	mg/kg (ppm)	2.5	<0.05	86	54-138
Benzene	mg/kg (ppm)	2.5	<0.03	102	61-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	99	61-132
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	103	69-129
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	101	56-138
Dibromomethane	mg/kg (ppm)	2.5	<0.05	103	65-135
4-Methyl-2-pentanone	mg/kg (ppm)	2.5	<0.5	102	62-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	101	63-134
Toluene	mg/kg (ppm)	2.5	<0.05	99	59-137
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	101	67-133
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	103	71-130
2-Hexanone	mg/kg (ppm)	2.5	<0.5	103	56-157
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	102	71-128
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	96	63-131
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	99	58-132
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	101	71-132
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	95	65-125
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	101	69-130
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	96	69-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	96	67-134
o-Xylene	mg/kg (ppm)	2.5	<0.05	95	73-130
Styrene	mg/kg (ppm)	2.5	<0.05	102	68-127
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	98	50-147
Bromoform	mg/kg (ppm)	2.5	<0.05	99	50-142
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	101	70-129
Bromobenzene	mg/kg (ppm)	2.5	<0.05	100	69-132
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	101	71-129
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	104	64-138
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	101	66-133
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	99	69-125
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	99	68-126
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	97	70-128
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	0.11	102	71-130
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	100	58-136
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	102	70-131
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	96	70-125
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	94	69-121
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	97	68-128
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.05	103	55-151
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.1	105	64-135
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.1	101	55-145
Naphthalene	mg/kg (ppm)	2.5	<0.05	112	53-155
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.1	107	55-152

Date of Report: 02/13/08
Date Received: 02/06/08
Project: Windward/080009, F&BI 802040

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	78	76	29-163	3
Chloromethane	mg/kg (ppm)	2.5	82	81	28-147	1
Vinyl chloride	mg/kg (ppm)	2.5	93	92	38-143	1
Bromomethane	mg/kg (ppm)	2.5	104	103	32-163	1
Chloroethane	mg/kg (ppm)	2.5	85	85	10-165	0
Trichlorofluoromethane	mg/kg (ppm)	2.5	101	97	22-167	4
Acetone	mg/kg (ppm)	2.5	107	103	20-172	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	93	88	42-140	6
Methylene chloride	mg/kg (ppm)	2.5	96	97	53-137	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	96	70-122	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	97	77-114	2
2,2-Dichloropropane	mg/kg (ppm)	2.5	97	96	65-135	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	96	77-120	4
Chloroform	mg/kg (ppm)	2.5	100	98	76-117	2
2-Butanone (MEK)	mg/kg (ppm)	2.5	121	113	52-153	7
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	97	76-116	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	94	95	79-120	1
1,1-Dichloropropene	mg/kg (ppm)	2.5	101	99	76-123	2
Carbon Tetrachloride	mg/kg (ppm)	2.5	86	86	75-126	0
Benzene	mg/kg (ppm)	2.5	100	99	76-118	1
Trichloroethene	mg/kg (ppm)	2.5	97	96	75-121	1
1,2-Dichloropropane	mg/kg (ppm)	2.5	102	100	78-123	2
Bromodichloromethane	mg/kg (ppm)	2.5	99	98	79-126	1
Dibromomethane	mg/kg (ppm)	2.5	102	99	79-121	3
4-Methyl-2-pentanone	mg/kg (ppm)	2.5	102	101	52-151	1
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	103	101	89-127	2
Toluene	mg/kg (ppm)	2.5	99	98	76-122	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	103	102	89-126	1
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	102	101	77-121	1
2-Hexanone	mg/kg (ppm)	2.5	103	102	67-126	1
1,3-Dichloropropane	mg/kg (ppm)	2.5	100	100	76-122	0
Tetrachloroethene	mg/kg (ppm)	2.5	96	96	77-124	0
Dibromochloromethane	mg/kg (ppm)	2.5	96	97	73-127	1
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	102	101	78-126	1
Chlorobenzene	mg/kg (ppm)	2.5	95	94	79-113	1
Ethylbenzene	mg/kg (ppm)	2.5	100	99	77-120	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	94	95	79-125	1
m,p-Xylene	mg/kg (ppm)	5	96	95	79-121	1
o-Xylene	mg/kg (ppm)	2.5	95	92	80-123	3
Styrene	mg/kg (ppm)	2.5	101	100	81-124	1
Isopropylbenzene	mg/kg (ppm)	2.5	97	95	79-123	2
Bromoform	mg/kg (ppm)	2.5	96	97	65-124	1
n-Propylbenzene	mg/kg (ppm)	2.5	100	99	77-123	1
Bromobenzene	mg/kg (ppm)	2.5	101	100	78-122	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	100	100	79-123	0
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	101	101	73-121	0
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	99	100	69-123	1
2-Chlorotoluene	mg/kg (ppm)	2.5	98	97	77-120	1
4-Chlorotoluene	mg/kg (ppm)	2.5	99	98	77-121	1
tert-Butylbenzene	mg/kg (ppm)	2.5	96	95	77-124	1
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	101	100	78-123	1
sec-Butylbenzene	mg/kg (ppm)	2.5	99	97	77-122	2
p-Isopropyltoluene	mg/kg (ppm)	2.5	101	100	79-126	1
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	95	95	78-119	0
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	93	92	77-114	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	96	95	78-120	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	104	104	66-133	0
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	108	107	71-129	1
Hexachlorobutadiene	mg/kg (ppm)	2.5	102	99	65-134	3
Naphthalene	mg/kg (ppm)	2.5	112	111	51-158	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	109	108	37-182	1

Note: The calibration verification result for chloromethane, chloroethane and carbon tetrachloride exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the calibration is considered valid.

Date of Report: 02/13/08
Date Received: 02/06/08
Project: Windward/080009, F&BI 802040

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 802042-08 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	<1	<1	nm
Chloromethane	ug/L (ppb)	<1	<1	nm
Vinyl chloride	ug/L (ppb)	<0.2	<0.2	nm
Bromomethane	ug/L (ppb)	<1	<1	nm
Chloroethane	ug/L (ppb)	<1	<1	nm
Trichlorofluoromethane	ug/L (ppb)	<1	<1	nm
Acetone	ug/L (ppb)	<10	<10	nm
1,1-Dichloroethene	ug/L (ppb)	<1	<1	nm
Methylene chloride	ug/L (ppb)	<5	<5	nm
trans-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
1,1-Dichloroethane	ug/L (ppb)	<1	<1	nm
2,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
cis-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
Chloroform	ug/L (ppb)	<1	<1	nm
2-Butanone (MEK)	ug/L (ppb)	<10	<10	nm
1,2-Dichloroethane (EDC)	ug/L (ppb)	<1	<1	nm
1,1,1-Trichloroethane	ug/L (ppb)	<1	<1	nm
1,1-Dichloropropene	ug/L (ppb)	<1	<1	nm
Carbon Tetrachloride	ug/L (ppb)	<1	<1	nm
Benzene	ug/L (ppb)	<1	<1	nm
Trichloroethene	ug/L (ppb)	<1	<1	nm
1,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
Bromodichloromethane	ug/L (ppb)	<1	<1	nm
Dibromomethane	ug/L (ppb)	<1	<1	nm
4-Methyl-2-pentanone	ug/L (ppb)	<10	<10	nm
cis-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
trans-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	ug/L (ppb)	<1	<1	nm
2-Hexanone	ug/L (ppb)	<10	<10	nm
1,3-Dichloropropane	ug/L (ppb)	<1	<1	nm
Tetrachloroethene	ug/L (ppb)	<1	<1	nm
Dibromochloromethane	ug/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	ug/L (ppb)	<1	<1	nm
Chlorobenzene	ug/L (ppb)	7.9	7.4	7
Ethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,1,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
m,p-Xylene	ug/L (ppb)	<2	<2	nm
o-Xylene	ug/L (ppb)	<1	<1	nm
Styrene	ug/L (ppb)	<1	<1	nm
Isopropylbenzene	ug/L (ppb)	<1	<1	nm
Bromoform	ug/L (ppb)	<1	<1	nm
n-Propylbenzene	ug/L (ppb)	<1	<1	nm
Bromobenzene	ug/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	ug/L (ppb)	<1	<1	nm
2-Chlorotoluene	ug/L (ppb)	<1	<1	nm
4-Chlorotoluene	ug/L (ppb)	<1	<1	nm
tert-Butylbenzene	ug/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
sec-Butylbenzene	ug/L (ppb)	<1	<1	nm
p-Isopropyltoluene	ug/L (ppb)	<1	<1	nm
1,3-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,4-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	ug/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	ug/L (ppb)	<1	<1	nm
Hexachlorobutadiene	ug/L (ppb)	<1	<1	nm
Naphthalene	ug/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	ug/L (ppb)	<1	<1	nm

Date of Report: 02/13/08
Date Received: 02/06/08
Project: Windward/080009, F&BI 802040

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	91	77	50-136	17
Chloromethane	ug/L (ppb)	50	82	74	55-134	10
Vinyl chloride	ug/L (ppb)	50	89	76	56-144	16
Bromomethane	ug/L (ppb)	50	92	80	58-140	14
Chloroethane	ug/L (ppb)	50	91	80	55-144	13
Trichlorofluoromethane	ug/L (ppb)	50	127	113	54-142	12
Acetone	ug/L (ppb)	50	149	126	52-162	17
1,1-Dichloroethene	ug/L (ppb)	50	100	91	34-135	9
Methylene chloride	ug/L (ppb)	50	91	85	65-112	7
trans-1,2-Dichloroethene	ug/L (ppb)	50	102	101	66-120	1
1,1-Dichloroethane	ug/L (ppb)	50	104	103	65-119	1
2,2-Dichloropropane	ug/L (ppb)	50	107	99	42-143	8
cis-1,2-Dichloroethene	ug/L (ppb)	50	98	96	75-121	2
Chloroform	ug/L (ppb)	50	105	103	63-117	2
2-Butanone (MEK)	ug/L (ppb)	50	130 vo	122	77-125	6
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	115	113	67-116	2
1,1,1-Trichloroethane	ug/L (ppb)	50	104	97	63-124	7
1,1-Dichloropropene	ug/L (ppb)	50	109	104	62-122	5
Carbon Tetrachloride	ug/L (ppb)	50	108	99	63-126	9
Benzene	ug/L (ppb)	50	100	96	55-134	4
Trichloroethene	ug/L (ppb)	50	103	100	75-116	3
1,2-Dichloropropane	ug/L (ppb)	50	101	96	75-118	5
Bromodichloromethane	ug/L (ppb)	50	106	103	69-129	3
Dibromomethane	ug/L (ppb)	50	102	100	68-117	2
4-Methyl-2-pentanone	ug/L (ppb)	50	108	102	68-124	6
cis-1,3-Dichloropropene	ug/L (ppb)	50	102	100	64-123	2
Toluene	ug/L (ppb)	50	99	97	56-140	2
trans-1,3-Dichloropropene	ug/L (ppb)	50	113	113	71-124	0
1,1,2-Trichloroethane	ug/L (ppb)	50	105	103	66-123	2
2-Hexanone	ug/L (ppb)	50	131 vo	120	66-128	9
1,3-Dichloropropane	ug/L (ppb)	50	107	105	71-125	2
Tetrachloroethene	ug/L (ppb)	50	103	100	78-116	3
Dibromochloromethane	ug/L (ppb)	50	103	102	75-122	1
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	101	99	72-124	2
Chlorobenzene	ug/L (ppb)	50	97	95	72-116	2
Ethylbenzene	ug/L (ppb)	50	100	97	76-123	3
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	94	89	69-121	5
m,p-Xylene	ug/L (ppb)	100	96	92	49-166	4
o-Xylene	ug/L (ppb)	50	93	89	68-121	4
Styrene	ug/L (ppb)	50	94	89	72-119	5
Isopropylbenzene	ug/L (ppb)	50	98	91	66-121	7
Bromoform	ug/L (ppb)	50	105	100	70-127	5
n-Propylbenzene	ug/L (ppb)	50	102	100	67-118	2
Bromobenzene	ug/L (ppb)	50	101	98	71-124	3
1,3,5-Trimethylbenzene	ug/L (ppb)	50	97	95	69-116	2
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	96	95	57-128	1
1,2,3-Trichloropropane	ug/L (ppb)	50	101	101	58-126	0
2-Chlorotoluene	ug/L (ppb)	50	102	99	66-116	3
4-Chlorotoluene	ug/L (ppb)	50	105	102	67-117	3
tert-Butylbenzene	ug/L (ppb)	50	97	93	65-121	4
1,2,4-Trimethylbenzene	ug/L (ppb)	50	100	96	69-123	4
sec-Butylbenzene	ug/L (ppb)	50	100	95	70-118	5
p-Isopropyltoluene	ug/L (ppb)	50	102	97	72-120	5
1,3-Dichlorobenzene	ug/L (ppb)	50	93	90	76-114	3
1,4-Dichlorobenzene	ug/L (ppb)	50	97	95	72-113	2
1,2-Dichlorobenzene	ug/L (ppb)	50	96	92	76-115	4
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	110	103	54-131	7
1,2,4-Trichlorobenzene	ug/L (ppb)	50	109	103	72-123	6
Hexachlorobutadiene	ug/L (ppb)	50	105	97	80-111	8
Naphthalene	ug/L (ppb)	50	103	98	61-137	5
1,2,3-Trichlorobenzene	ug/L (ppb)	50	109	102	74-126	7

Note: The calibration verification result for dichlorodifluoromethane, chloromethane, vinyl chloride and chloroethane exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the calibration is considered valid.

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probablility.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

802040

SAMPLE CHAIN OF CUSTODY

ME 02-06-08 V1/VS2

Page # _____ of _____

Send Report To Joe Morrice

Company Aspect Consulting LLC

Address 401 Second Ave. S. Suite 201

City, State, ZIP Seattle, WA 98104

Phone # (206) 328-7443 Fax # 206 8325853

SAMPLERS (signature) [signature]

PROJECT NAME/NO. Windward / 080009

PO #

REMARKS

Samples received at 1 °C

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH 1 week

Rush charges authorized by: DFR

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							Notes
B5-4'-013108	01A-D	13108	08:30	S	4				X									
B6-4.5-013108	02A-D	13108	08:50	S														
B6-8-013108	03A-D	13108	09:10	S														
B7-2.5-013108	04A-D	13108	09:45	S														
B7-4.5-013108	05A-D	13108	09:30	S														
B8-4-013108	06A-D	13108	10:00	S														
B8-5-013108	07A-D	13108	10:10	S														
B9-4-013108	08A-D	13108	10:20	S														~~Samples received at 0~~ °C NP
B9-5-013108	09A-D	13108	10:30	S														
B5-013108	10A-D	13108	10:45	W	3													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Jeff Landrum	Aspect Consulting, LLC	02/3/08	12:30
Received by: [signature]	DAVID RUGH	Aspect	02/3/08	12:30
Relinquished by: [signature]	DAVID RUGH	Aspect	2/6/08	900
Received by: [signature]	Nhan Phan	FEBI	2/6/08	09:00

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