Additional Site Characterization Report

Bridgeport Shopping Center – Royal Shine Cleaners
VCP Identification: SW1262

316 SE 123rd Avenue
Vancouver, Washington

EBI Project No. 12120279

March 13, 2013

Prepared for:

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Prepared by:

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March 13, 2013

Mr. Hans Qiu
Site Manager
Department of Ecology
PO Box 47775
Olympia, WA 98504-7775

Subject: Additional Site Characterization Report
Bridgeport Shopping Center – Royal Shine Cleaners
VCP Identification: SW1262
316 SE 123rd Avenue, Vancouver, Washington
EBI Project No. 12120279

Dear Mr. Qiu,

EBI on behalf of Norris Stevens is providing a copy of the Additional Site Characterization Report for the above referenced property (herein referred to as the Subject Property). The Additional Site Characterization was conducted following acceptance of the facility into the Voluntary Cleanup Program by the State of Washington Department of Ecology in a letter dated November 20, 2012. A copy of the acceptance letter is included in Appendix D.

Please contact me after reviewing the report so we can discuss the requirements for obtaining case closure for the impacts identified.

Please contact me if you have any questions or if I may be of further assistance.

Respectfully submitted,
EBI CONSULTING

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Program Manager

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Program Director
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1.0 INTRODUCTION

EBI Consulting (EBI) is pleased to submit our *Additional Site Characterization Report* on the property located at 316 SE 123rd Avenue in Vancouver, Washington (the Subject Property). Mr. Peter Diamond of EBI Consulting conducted the initial part of the investigation (borings B-1 to B-4) at the Subject Property on May 15, 2012. Mr. Chad Bechtel of EBI Consulting conducted the additional investigation (borings B-5 to B-12) at the Subject Property on February 26-27, 2013.

Background

EBI was requested to conduct a limited subsurface investigation to evaluate the potential impact to the Subject Property from the current dry cleaning facility based on the following recognized environmental concerns identified in EBI's (March 16, 2012) Phase I ESA report:

- A dry cleaning facility, Royal Shine Cleaners, reportedly has operated at the Subject Property since approximately 2008 in Unit D2. However, based on historical research, it appears that a dry cleaner has operated in this tenant space since at least 2001. This facility currently operates one "fourth generation" self-enclosed (dry-to-dry) dry cleaning unit that cycles perchloroethylene (PCE) as a cleaning solvent. This unit was reportedly installed in June of 2010. Waste sponges and residue generated by the dry cleaning process are placed in one 55-gallon steel drum, located behind the dry cleaning machine. Secondary containment (spill pan) was observed beneath the dry cleaning machine, and beneath the 55-gallon waste drum. The concrete floor in the vicinity of the dry cleaning machine and waste storage area is coated with an epoxy sealant. The concrete slab floor and epoxy sealant appeared to be intact, with no apparent areas of deterioration, cracking, or delamination of the epoxy sealant. At the time of reconnaissance, EBI did not observe evidence of misuse or improper handling of solvent at the facility. No staining or other evidence of spills or releases of solvent or waste materials was observed in the vicinity of the dry cleaning machine, waste storage area, or on the asphalt paved surface outside to rear entrance to this tenant space. EBI did not identify previous subsurface investigations associated with the dry cleaning operations conducted at the Subject Property. Based upon the historical presence of a dry cleaning facility at the Subject Property for approximately 11 years and the absence of previous subsurface investigations, the potential exists for dry cleaning solvents to have impacted subsurface conditions at the Subject Property. This condition is considered a *recognized environmental condition (REC)*.

During the initial part of the investigation conducted in the vicinity of the dry cleaning facility (Royal Shine Cleaners) in May 2012, EBI identified impacted soils with concentrations of Tetrachloroethene (PCE) above the Washington State Department of Ecology (DOE) MTCA Method A soil cleanup standards and impacted sub-slab soil vapor with concentrations of PCE and Trichloroethene (TCE) above the Washington State DOE Method B Soil Gas Screening Levels inside and to the rear of the Royal Shine Cleaners tenant space.

The Additional Site Characterization was conducted following acceptance of the facility into the Voluntary Cleanup Program by the State of Washington Department of Ecology in a letter dated November 20, 2012. A copy of the acceptance letter is included in Appendix D.

The following report summarizes both the initial and additional investigations conducted at the Subject Property.

2.0 PURPOSE AND SCOPE OF WORK

The primary purpose of this investigation was to evaluate the potential impact to the Subject Property from the current on-site dry cleaning operations. The investigation focused on interior locations of the dry cleaning facility, interior locations of tenant spaces adjacent to the dry cleaning facility and exterior locations adjacent to the dry cleaning facility.

In order to achieve the objectives of this investigation, EBI performed the following tasks:

- Contacted the local utility locating service, Washington Utility Notification Center (Ticket #12094348) prior to undertaking the initial subsurface explorations on-site, and then re-contacting Washington Utility Notification Center (Ticket #13035675) prior to undertaking the additional subsurface exploration.

- EBI additionally retained APS Locates, a private utility locating service, to further identify underground utilities and other potential obstructions in the area of investigation.

- Advanced four borings (B-1 through B-4) by direct push method to depths of 12 to 20 feet below ground surface (bgs) on May 15, 2012.

- Advanced eight borings (B-5 through B-12) by direct push method to depths of 15 to 20 feet bgs on February 26-27, 2013.

- Collected soil samples continuously from each of the borings, field screened the vapor headspace of the soil samples for total ionizable volatile organic compounds (VOCs) using a photoionization detector (PID), and described the physical characteristics of the soil samples on boring logs. See Sections 4.3 and 4.4 for additional details.

- Selected two soil samples per boring, prepared, and submitted the samples under chain-of-custody documentation to a Washington-certified independent laboratory (Accutest Laboratories) for analysis of VOCs - chlorinated solvents only by EPA Method 8260. See Section 4.5 for additional details.

- Collected soil vapor samples from depths of 5 feet bgs in the two interior borings (B-3 and B-4), prepared and submitted the samples to a Washington-certified independent laboratory (Accutest Laboratories) for analysis of VOCs – chlorinated solvents only via EPA Method TO-15. See Section 4.6 for additional details.

- Collected soil vapor samples from depths of 5 and 15 feet bgs from borings B-5 through B-12 and submitted the samples under chain-of-custody documentation to a Washington-certified independent laboratory (Accutest Laboratories), for analysis of VOCs – chlorinated solvents only via EPA Method TO-15. See Section 4.6 for additional details.

- Prepared this summary of pertinent information obtained during this investigation including accompanying illustrations and appendices, along with EBI's findings and preliminary conclusions regarding the presence or absence of contamination in soils and soil vapor beneath the Subject Property in the areas investigated.

A detailed description of investigation methods is provided in Section 4.0 of this report.

3.0 SUBJECT PROPERTY DESCRIPTION/PHYSICAL SETTING

3.1 SUBJECT PROPERTY DESCRIPTION

The Subject Property is known as the Bridgeport Shopping Center and is located at 316 SE 123rd Avenue in Vancouver, Clark County, Washington. The Subject Property is located in the northwest quadrant of the intersection of Southeast 123rd Avenue and SE 5th Street. The Subject Property includes one irregular-shaped parcel, totaling approximately 4.85 acres and consists of a multi-tenant, mixed-use, office and retail facility that was reportedly constructed in 1990. The Subject Property includes five, one-story buildings, with a total net rentable area of approximately 52,355-square feet. Building B contains a partial basement under the Express Lube tenant space.

According to the Clark County Assessor's Office, the Subject Property is currently owned by Gardner Bridgeport Associates Limited Partnership.

At the time of inspection, the Subject Property was occupied by a retail strip plaza, including five, one-story buildings. There were 23 in-line commercial retail tenant spaces in three buildings, one automotive repair facility in a single building, and a quick lube and carwash in the fifth building. Ten vacant tenant spaces were identified at the time of inspection. An on-site dry cleaning facility (Royal Shine Cleaners) occupies Unit D2.

Figure 1 - Location Map depicts the location of the Subject Property on a street map of Vancouver, Washington. Figure 2 - Locus Map depicts the location of the Subject Property on the Orchards, Washington and Mount Tabor, Oregon United States Geological Survey (USGS) topographic quadrangles.

3.2 PHYSICAL SETTING

Regional Geology/Bedrock

No bedrock outcroppings were observed at the Subject Property. Information concerning the geology of the Subject Property was obtained from the USGS Map of the Physical Divisions of the United States (1946). The Subject Property is located within the Puget Trough section of the Pacific Border physiographic province, which consists of partially submerged lowlands with diverse character.

Bedrock was encountered at depths ranging from 17 feet to 20 feet bgs in two of the borings completed at the Subject Property.

Surficial

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (http://websoilsurvey.nrcs.usda.gov/app/), the dominant soil composition in the vicinity of the Subject Property is classified as Lauren gravelly loam, 0 to 8 percent slopes (LgB). This soil consists of deep, well-drained soils formed in old alluvium and loess containing volcanic ash on terraces and terrace escarpments. The soil extends to a depth of 52 inches. Lauren soils are slightly acid to neutral. Permeability is moderate in the upper part of the solum and rapid in the underlying material.

No prior soil studies or borings were presented to EBI for review. No indication of cross-lot runoff, swales, drainage flows, or active rills or gullies were observed on the Subject Property.

Soil stratigraphy encountered during the completion of soil borings consisted of approximately four to six feet of light brown, sandy loam with gravel, underlain by approximately two to four feet of coarse-grained gravel containing poorly sorted sand interbedded with sandy loam, underlain by a layer of poorly-sorted, angular sand with gravel of undetermined thickness.

Hydrogeology

Shallow groundwater was not encountered during the course of this investigation.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the south. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater-monitoring wells, survey of well elevations, and precise measurements of hydraulic head. Calculation of groundwater flow directions based on relative differences of hydraulic head on the Subject Property was not included in this scope of work.

4.0 FIELD ACTIVITIES

4.1 RATIONALE FOR SOIL BORING PLACEMENT

On May 15, 2012, EBI conducted the initial part of this investigation to assess subsurface conditions at interior locations of the on-site dry cleaning facility and exterior locations adjacent to the dry cleaning facility at the Subject Property (Royal Shine Cleaners at 316 SE 123rd Avenue, Unit D-2). The areas investigated and the associated boring numbers are described below:

- Boring B-1 – exterior location adjacent east of the front entrance for the dry cleaner tenant space.
- Boring B-2 – exterior location adjacent west of the rear entrance for the dry cleaner tenant space.
- Boring B-3 – interior location adjacent to the southwest of the dry cleaning machine and chemical storage area.
- Boring B-4 – interior location adjacent to the southeast of the dry cleaning machine and chemical storage area.

On February 26-27, 2013, EBI conducted further investigation and assessment of the subsurface conditions in the vicinity of the on-site dry cleaning facility at the Subject Property (Royal Shine Cleaners at 316 SE 123rd Avenue, Unit D-2). The investigation focused on interior locations of the dry cleaning facility, interior locations of tenant spaces adjacent to the dry cleaning facility and exterior locations adjacent to the dry cleaning facility. The areas investigated and the associated boring numbers are described below:

- Boring B-5 – interior location west of center along the north wall of the On The Fringe Salon tenant space, which is adjacent to the south of the dry cleaner tenant space.
- Boring B-6 – exterior location in the paved parking lot to the east of the On The Fringe Salon tenant space.
- Boring B-7 – exterior location in the paved parking lot to the east of the Patrick's Hawaiian Cafe tenant space, which is adjacent to the north of the dry cleaner tenant space.
- Boring B-8 – exterior location in the landscaping to the west of the Patrick's Hawaiian Cafe tenant space.
- Boring B-9 – interior location further west of the dry cleaning machine and chemical storage area and west of Boring B-3.
- Boring B-10 – exterior location in the landscaping to the west of the On The Fringe Salon tenant space.
- Boring B-11 – interior location further east of the dry cleaning machine and chemical storage area and east of Boring B-4.
- Boring B-12 – interior location in the southwest portion of the Patrick's Hawaiian Cafe tenant space.

4.2 PRE-DRILLING ACTIVITIES

EBI requested Washington Utility Notification Center to initially mark-out the location of Subject Property utilities on May 9, 2012 prior to the advancement of borings B-1 to B-4. Clearance for drilling at the Subject Property was subsequently granted for after 1:00 P.M. on May 12, 2012. EBI requested Washington Utility Notification Center to again mark-out the location of Subject Property utilities on February 18, 2013 prior to the advancement of borings B-5 to B-12. Clearance for drilling at the Subject Property was subsequently granted for after 12:00 A.M. on February 22, 2013.

EBI also contracted APS Locates to perform private utility locating services in the areas of the borings to identify underground utilities and other obstructions. No additional pre-drilling activities were conducted as part of this investigation.

4.3 ADVANCEMENT OF SOIL BORINGS

Four borings (B-1 through B-4) were advanced at the Subject Property on May 15, 2012. The soil borings were advanced using a direct push rig operated by ESN Northwest of Olympia, Washington. Soil samples were collected continuously during the advancement of the borings. EBI recorded soil sampling information and the physical characteristics of each soil sample onto boring logs presented in Appendix B.

Eight borings (B-5 through B-12) were advanced at the Subject Property on February 26-27, 2013. The borings were advanced using a direct push rig operated by ESN Northwest of Olympia, Washington. Soil samples were collected continuously during the advancement of the borings. EBI recorded soil sampling information and the physical characteristics of each soil sample onto boring logs presented in Appendix B.

TABLE 4.3
SUMMARY OF SOIL BORING DETAILS

Soil Boring #	Sample ID	Analytical Analysis	Refusal (reason)	Depth To GW
B-1	B-1(12-14), B-1(18-20)	CVOCs	20', equipment	NA
B-2	B-2(4-6), B-2(15-17)	CVOCs	17', equipment	NA
B-3	B-3(4-6), B-3(10-12), B-3-SV	CVOCs	NA	NA
B-4	B-4(4-6), B-4(10-12), B-4-SV	CVOCs	NA	NA
B-5	B-5 (2-4), B-5 (12-14), B-5 SV (5), B-5 SV (15)	CVOCs	15', equipment	NA
B-6	B-6 (5-7.5), B-6 (17.5-20), B-6 SV (5), B-6 SV (15)	CVOCs	20', equipment	NA
B-7	B-7 (5-7.5), B-7 (17.5-20), B-7 SV (5), B-7 SV (15)	CVOCs	20', equipment	NA
B-8	B-8 (5-7.5), B-8 (17.5-20), B-8 SV (5), B-8 SV (15)	CVOCs	20', equipment	NA
B-9	B-9 (2-4), B-9 (12-14), B-9 SV (5), B-9 SV (15)	CVOCs	15', equipment	NA
B-10	B-10 (2.5-5), B-10 (17.5-20), B-10 SV (5), B-10 SV (15)	CVOCs	20', equipment	NA
B-11	B-11 (6-8), B-11 (12-14), B-11 SV (5), B-11 SV (15)	CVOCs	15', equipment	NA
B-12	B-12 (6-8), B-12 (12-14), B-12 SV (5), B-12 SV (15)	CVOCs	15', equipment	NA

Notes: CVOCs – Chlorinated volatile organic compounds (CVOCs) via EPA Method 8260 (soil) or EPA Method TO-15 (soil vapor)
SV – Soil Vapor Sample
(#) – Depth below grade sample collected

4.4 FIELD SCREENING

The vapor headspace of each soil sample was field-screened using a photoionization detector (PID). The PID provides a reading of total ionizable VOCs. The PID was calibrated with an isobutylene standard, to measure total VOCs as isobutylene equivalents. The PID has a practical sensitivity of approximately one

part per million by volume (ppmV). PID readings should not be considered as exact measurements, but as relative readings of VOCs between locations. The soil samples were placed in a Ziploc bag approximately three-quarters full with the soil to be analyzed, which was sealed for approximately 10 minutes in a warm (>60F) location for equilibration. The headspace analysis was conducted by inserting the probe of the PID through an opening in the zip-lock bag and into the space above the soil sample.

No visual or olfactory evidence of contamination was observed in any of the soil samples collected. PID readings ranged from 0.0 to 7.2 parts per million (ppm). The PID results are noted in the Boring Logs provided in Appendix B.

4.5 SOIL SAMPLING AND ANALYSIS

Selected soil samples were collected in laboratory-provided sample containers. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). The samples were submitted to an independent qualified laboratory Accutest Laboratories for analyses. The samples were analyzed for VOCs - chlorinated solvents only by EPA Method 8260. Samples submitted for VOC analysis were also preserved with methanol in accordance with EPA Method 5035.

In order to ensure that no cross-contamination between samples occurred, all non-dedicated sampling equipment was decontaminated after the collection of each sample. Sampling equipment was scrubbed with a brush to remove loose material and then washed thoroughly with a laboratory grade detergent and water to remove all particulate matter and surface film. After washing, each piece and brush was rinsed with clean distilled water. Dedicated sampling equipment such as EPA Method 5035 probes and latex gloves were properly disposed of after the handling of each sample was complete. Samples were then collected using clean disposable gloves and laboratory-provided glassware appropriate for the specified analysis.

4.6 SOIL VAPOR SAMPLING AND ANALYSIS

Following the initial advancement of borings B-3 and B-4 on May 15, 2012 to a depth of 5 feet bgs, temporary soil vapor wells were constructed in each of these borings.

The soil vapor samples from borings B-3 and B-4 were collected in laboratory certified clean summa canisters. The samples were labeled/logged onto a chain-of-custody form. After collection, the samples were submitted to an independent qualified laboratory, Accutest Laboratories, for analysis. The samples were analyzed for VOCs (chlorinated solvents only) by EPA Method TO-15.

Following the initial advancement of borings B-5 through B-12 on February 26-27, 2013 to depths of 5 and 15 feet bgs, temporary soil vapor wells were constructed in each of these borings at depths of 5 and 15 feet.

The soil vapor samples from borings B-5 through B-12 were collected in laboratory certified clean summa canisters. The samples were labeled/logged onto a chain-of-custody form. After collection, the samples were submitted to an independent qualified laboratory, Accutest Laboratories, for analysis. The samples were analyzed for VOCs (chlorinated solvents only) by EPA Method TO-15.

4.7 ABANDONMENT OF BORINGS

Upon completion of the soil and soil vapor sampling activities, each of the soil borings was filled with bentonite chips. The top two to four inches of the exterior borings were backfilled with asphalt and compacted. The interior borings were finished with concrete patch.

5.0 RESULTS

Boring locations are illustrated on Figure 3, Boring Location Map.

5.1 SOIL ANALYSIS RESULTS

The soil samples collected from borings B-1 through B-4 on May 15, 2012 and borings B-5 through B-12 on February 26-27, 2013 were analyzed for VOCs (chlorinated solvents only) via EPA Method 8260. The following table presents only the contaminants identified above the laboratory method detection limits:

Table 5.1 – Soil Analytical Results

SAMPLE IDENTIFICATION (Results in mg/kg) (sampled 05/15/12)									
Parameter	**B-1 12-14**	**B-1 18-20**	**B-2 4-6**	**B-2 15-17**	**B-3 4-6**	**B-3 10-12**	**B-4 4-6**	**B-4 10-12**	**WA DOE Method A Cleanup Standard**
Sample Depth (ft.)	**12-14**	**18-20**	**4-6**	**15-17**	**4-6**	**10-12**	**4-6**	**10-12**	
VOLATILE ORGANIC COMPOUNDS (VOCS)									
TETRACHLOROETHYLENE (PCE)	ND	ND	**0.434**	**0.143**	**0.0672**	0.0074	0.0297	0.0279	0.05

SAMPLE IDENTIFICATION (Results in mg/kg) (sampled 02/26-27/13)							
Parameter	**B-5 (2-4)**	**B-5 (12-14)**	**B-6 (5-7.5)**	**B-6 (17.5-20)**	**B-7 (5-7.5)**	**B-7 (17.5-20)**	**WA DOE Method A Cleanup Standard**
Sample Depth (ft.)	**2-4**	**12-14**	**5-7.5**	**17.5-20**	**5-7.5**	**17.5-20**	
VOLATILE ORGANIC COMPOUNDS (VOCS)							
TETRACHLOROETHYLENE (PCE)	0.00068 J	ND	ND	ND	ND	ND	0.05

SAMPLE IDENTIFICATION (Results in mg/kg) (sampled 02/26-27/13)							
Parameter	**B-8 (5-7.5)**	**B-8 (17.5-20)**	**B-9 (2-4)**	**B-9 (12-14)**	**B-10 (2.5-5)**	**B-10 (17.5-20)**	**WA DOE Method A Cleanup Standard**
Sample Depth (ft.)	**5-7.5**	**17.5-20**	**2-4**	**12-14**	**2.5-5**	**17.5-20**	
VOLATILE ORGANIC COMPOUNDS (VOCS)							
TETRACHLOROETHYLENE (PCE)	ND	ND	0.0017 J	ND	ND	ND	0.05

SAMPLE IDENTIFICATION (Results in mg/kg) (sampled 02/26-27/13)							
Parameter	**B-11 (6-8)**	**B-11 (12-14)**	**B-12 (6-8)**	**B-12 (12-14)**			**WA DOE Method A Cleanup Standard**
Sample Depth (ft.)	**6-8**	**12-14**	**6-8**	**12-14**			
VOLATILE ORGANIC COMPOUNDS (VOCS)							
TETRACHLOROETHYLENE (PCE)	ND	ND	0.00057 J	ND			0.05

Notes: All results are shown in milligrams per kilogram (mg/kg)
ND = Non-detected above laboratory detection limits
Bold font indicates exceedance of applicable standard
WA DOE = Washington Department of Ecology (DOE) Method A Cleanup Standard for Unrestricted Land Use

The analytical results revealed that Tetrachloroethylene (PCE) was detected at concentrations of 0.00057 J to 0.434 milligrams per kilogram (mg/kg) in the soil samples collected from borings B-2, B-3, B-4, B-5, B-9 and B-12. EBI compared the detected concentrations of PCE to the *Washington State Department of Ecology Method A Soil Cleanup Levels For Unrestricted Land Uses from the Model Toxics Control Act Regulation (MTCA)*, dated November 2007. The detected concentrations of PCE identified in soil samples B-2 (4-6 ft.), B-2 (15-17 ft.), and B-3 (4-6 ft.) exceed the applicable soil cleanup level for unrestricted land use.

Laboratory soil analytical results and complete laboratory data sheets and chain-of-custody documentation are presented in Appendix C.

5.2 SOIL VAPOR ANALYSIS RESULTS

The soil vapor samples collected from borings B-3 and B-4 on May 15, 2012 and B-5 to B-12 on February 26-27, 2013 were analyzed for VOCs (chlorinated solvents only) via EPA Method TO-15. The following table presents only the contaminants identified above the laboratory method detection limits:

Table 5.2 – Soil Vapor Analytical Results

SAMPLE IDENTIFICATION (Results in µg/m3) (sampled 05/15/12)			
Parameter	**B-3 (SV)**	**B-4 (SV)**	**WA DOE Method B Soil Gas Screening Level**
TETRACHLOROETHENE (PCE)	**12,500**	**50,000**	4.2
TRICHLOROETHENE (TCE)	**11**	ND	1

SAMPLE IDENTIFICATION (Results in µg/m3) (sampled 02/26-27/13)							
Parameter	**B-5 SV (5)**	**B-5 SV (15)**	**B-6 SV (5)**	**B-6 SV (15)**	**B-7 SV (5)**	**B-7 SV (15)**	**WA DOE Method B Soil Gas Screening Level**
TETRACHLOROETHENE (PCE)	**67.8**	**14**	3.7	**5.0**	2.6	**6.6**	4.2
TRICHLOROETHENE (TCE)	ND	ND	ND	ND	ND	ND	1

SAMPLE IDENTIFICATION (Results in µg/m3) (sampled 02/26-27/13)							
Parameter	**B-8 SV (5)**	**B-8 SV (15)**	**B-9 SV (5)**	**B-9 SV (15)**	**B-10 SV (5)**	**B-10 SV (15)**	**WA DOE Method B Soil Gas Screening Level**
TETRACHLOROETHENE (PCE)	2.4	**5.1**	**210**	**35**	4.1	**6.8**	4.2
TRICHLOROETHENE (TCE)	ND	ND	ND	ND	ND	**1.3**	1

SAMPLE IDENTIFICATION (Results in µg/m3) (sampled 02/26-27/13)							
Parameter	**B-11 SV (5)**	**B-11 SV (15)**	**B-12 SV (5)**	**B-12 SV (15)**			**WA DOE Method B Soil Gas Screening Level**
TETRACHLOROETHENE (PCE)	**160**	**22**	**29**	**43**			4.2
TRICHLOROETHENE (TCE)	ND	ND	ND	**7.0**			1

Notes: All results are shown in micrograms-per-cubic meter (ug/m³)
Bold font indicates exceedance of the applicable standards
ND = Non-detect
WA DOE = Washington Department of Ecology (DOE) Draft Method B Soil Gas Screening Level for sub-slab measurements

The soil vapor analytical results for the samples collected from the two interior borings B-3 and B-4, collected on May 15, 2012 at a depth of five feet bgs, revealed concentrations of PCE of 12,500 and 50,000 micrograms per cubic meter (µg/m³). In addition, the soil vapor analytical results for the sample collected from boring B-3 revealed a concentration of TCE of 11 µg/m³.

The soil vapor analytical results for the samples collected from borings B-5 through B-12, collected on February 26-27, 2013 at depths of 5 and 15 feet bgs, revealed concentrations of PCE ranging from 2.4 to 210 µg/m³. In addition, the soil vapor analytical results for the samples collected from borings B-10 and B-12 at a depth of 15 feet bgs revealed concentrations of TCE of 1.3 and 7.0 µg/m³, respectively.

The detected concentrations of PCE and TCE in the soil vapor samples were compared to the *Draft Washington State Department of Ecology Method B Soil Gas Screening Level for sub-slab measurements,* dated October 2009. All detected concentrations of PCE and TCE, with the exception the PCE concentrations detected in samples B-6 SV (5), B-7 (5), B-8 SV (5) and B-10 SV (5), were detected above the draft soil gas screening levels.

Laboratory soil vapor analytical results and complete laboratory data sheets and chain-of-custody documentation are presented in Appendix C.

6.0 FINDINGS & CONCLUSIONS

The results of EBI's Phase II ESA revealed:

- Four borings (B-1 to B-4) were advanced at the Subject Property on May 15, 2012; two interior and two exterior. Two soil samples were collected from each of the soil borings. In addition, soil vapor samples were collected from the two interior borings. The soil and soil vapor samples were analyzed for VOCs (chlorinated solvents only).

- Eight additional interior borings (B-5 through B-12) were advanced within and in the vicinity of the dry cleaner tenant space on February 26-27, 2013, for the purpose of further delineating the previously detected concentrations of VOCs in soil and soil vapor. The interior borings were advanced further east and west of the previous interior borings and in the tenant spaces immediately adjacent to the north and south of the dry cleaner tenant space. The exterior borings were advanced adjacent to the east and west (front and rear) of the tenant spaces immediately adjacent to the north and south of the dry cleaner tenant space. Soil vapor samples were collected from each of the borings at depths of 5 and 15 feet bgs. The soil vapor samples were analyzed for VOCs (chlorinated solvents only).

- The soil analytical results revealed that Tetrachloroethylene (PCE) was detected at concentrations of 0.00057 J to 0.434 milligrams per kilogram (mg/kg) in the soil samples collected from borings B-2, B-3, B-4, B-5, B-9 and B-12. EBI compared the detected concentrations of PCE to the *Washington State Department of Ecology Method A Soil Cleanup Levels For Unrestricted Land Uses from the Model Toxics Control Act Regulation (MTCA)*, dated November 2007. The detected concentrations of PCE identified in soil samples B-2 (4-6 ft.), B-2 (15-17 ft.), and B-3 (4-6 ft.) exceed the applicable soil cleanup level for unrestricted land use.

- The soil vapor analytical results for the samples collected from the two interior borings B-3 and B-4, collected on May 15, 2012 at a depth of five feet bgs, revealed concentrations of PCE of 12,500 and 50,000 micrograms per cubic meter (µg/m³). In addition, the soil vapor analytical results for the sample collected from boring B-3 revealed a concentration of TCE of 11 µg/m³.

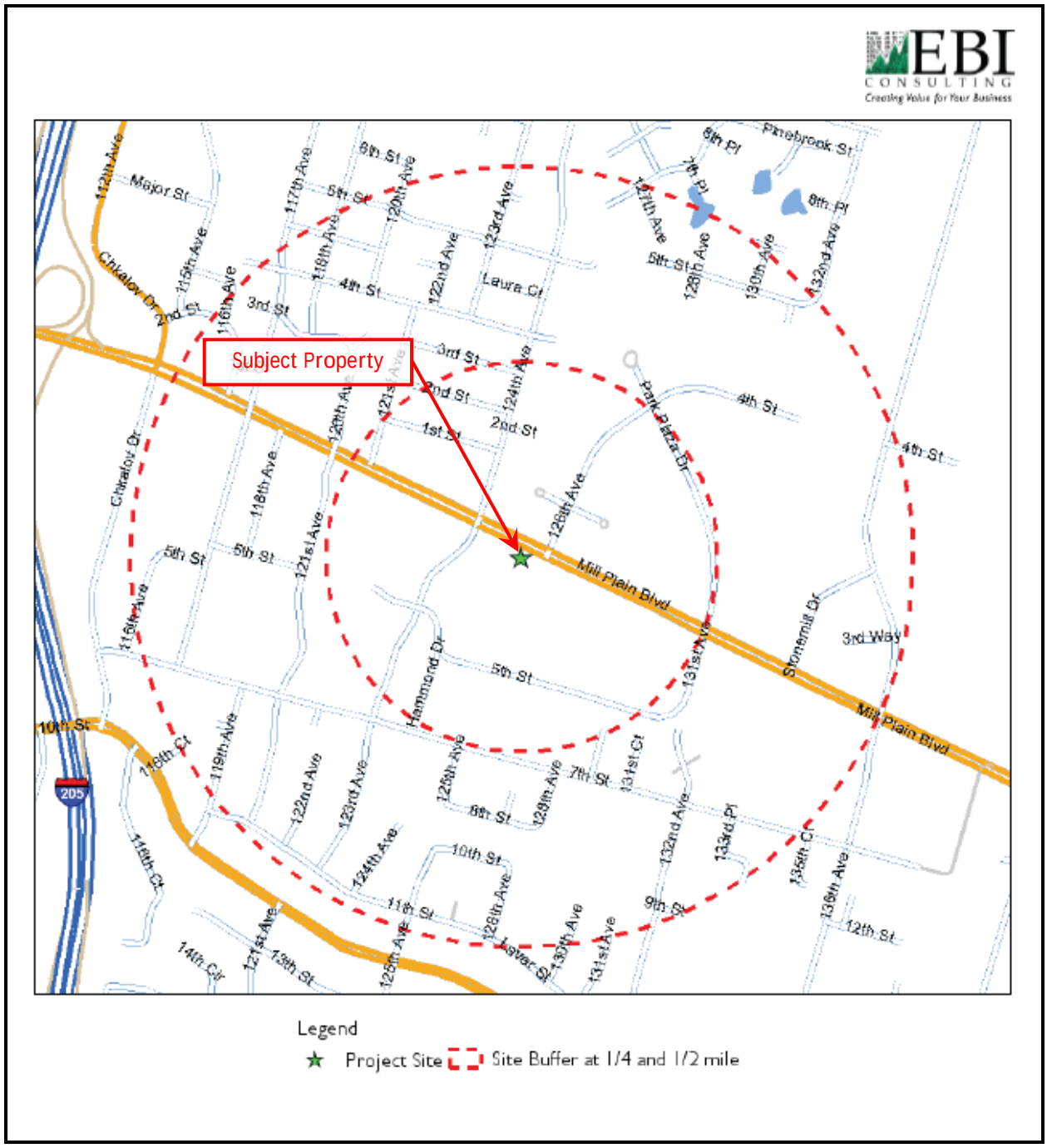
  The soil vapor analytical results for the samples collected from borings B-5 through B-12, collected on February 26-27, 2013 at depths of 5 and 15 feet bgs, revealed concentrations of PCE ranging from 2.4 to 210 µg/m³. In addition, the soil vapor analytical results for the samples collected from borings B-10 and B-12 at a depth of 15 feet bgs revealed concentrations of TCE of 1.3 and 7.0 µg/m³, respectively.

  The detected concentrations of PCE and TCE in the soil vapor samples were compared to the *Draft Washington State Department of Ecology Method B Soil Gas Screening Level for sub-slab measurements,* dated October 2009. All detected concentrations of PCE and TCE, with the exception the PCE concentrations detected in samples B-6 SV (5), B-7 (5), B-8 SV (5) and B-10 SV (5), were detected above the draft soil gas screening levels.

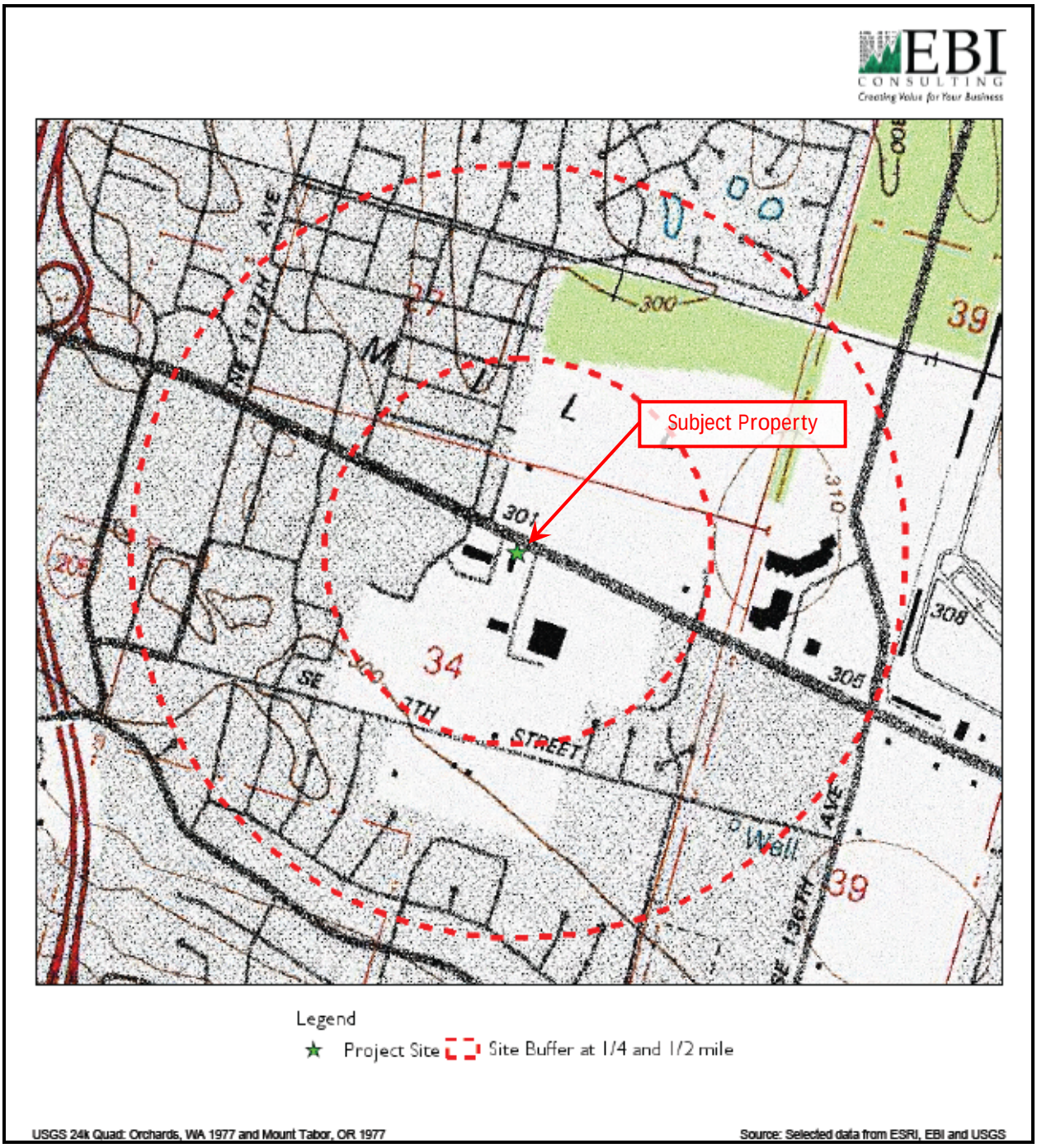
7.0 RECOMMENDATIONS

Based on the findings of the additional site characterization it is apparent the concentrations of soil vapor decrease horizontal and vertically from the source area (former dry cleaning operations). EBI is requesting a meeting with the review agency to discuss the results and to determine if additional investigation is warranted.

APPENDIX A
FIGURES



Site Location Map



Topographic Map

Boring Location Map

- Borings B-1 through B-4 on May 15, 2012
- Borings B-5 through B-12 on February 26-27, 2013

KEY
Sample ID
PCE Concentration in Soil Vapor in ug/m3 – Depth
TCE Concentration in Soil Vapor in ug/m3 – Depth

EXAMPLE
B-6
PCE 4,500 – 5 FT
TCE 5,500 – 15 FT

APPENDIX B
SOIL BORING LOGS

SOIL BORING LOG - FIELD READINGS

EBI Project #12120279
Project Name: Bridgeport Shopping Center
BORING METHOD: Direct Push DATE: 05/15/12

Sample #	Depth (Ft)	Moisture (S-H-M-L)	PID Reading	Soil Description/Notes
B-1 (0-1)	1	L	0.0	Asphalt and base coarse
B-1 (1-5)	5	L	0.0	Light brown silty sandy loam with poorly-sorted angular gravel.
B-1 (5-7)	7	L	0.0	Sandy well-sorted well-rounded gravel
B-1 (7-9)	9	L	0.0	Light brown sandy loam
B-1 (9-10)	10	L	0.0	Well rounded gravel
B-1 (10-11)	11	L	0.0	Light brown sandy loam
B-1 (11-12)	12	L	0.0	Well rounded gravel
B-1 (12-20)	20	M	0.0	Light brown poorly-sorted, angular sand with gravel. Increasing moisture, terminating at 20' bgs with bedrock.
Bottom of Boring at 20' (Refusal), no groundwater encountered				
B-2 (0-4)	5	L	5.4	Light brown silty sandy loam with poorly-sorted angular gravel.
B-2 (4-6)	7	L	7.2	Sandy well-sorted well-rounded gravel
B-2 (6-8)	9	L	6.7	Light brown sandy loam
B-2 (8-10)	10	L	0.0	Well rounded gravel
B-2 (10-11)	11	L	0.0	Light brown sandy loam
B-2 (11-12)	12	L	0.0	Well rounded gravel
B-2 (12-20)	17	M	0.0	Light brown poorly-sorted, angular sand with gravel. Increasing moisture, terminating at 17' bgs with bedrock.
Bottom of Boring at 17' (Refusal), no groundwater encountered				
B-3 (0-1)	1	L	0.0	Concrete and subgrade
B-3 (1-5)	5	L	0.0	Light brown silty sandy loam with poorly-sorted angular gravel.
B-3 (5-12)	12	L	0.0	Sandy well-sorted well-rounded gravel
Bottom of Boring at 12' (Termination depth), no groundwater encountered				
B-4 (0-1)	1	L	0.0	Concrete and subgrade
B-4 (1-5)	5	L	0.0	Light brown silty sandy loam with poorly-sorted angular gravel.
B-4 (5-12)	12	L	0.0	Sandy well-sorted well-rounded gravel transitioning to light brown sandy loam.
Bottom of Boring at 12' (Termination depth), no groundwater encountered				

SOIL BORING LOG - FIELD READINGS EBI Project #12120279 Project Name: Bridgeport Shopping Center BORING METHOD: Direct Push DATE: 02/26-27/13				
Sample #	**Depth (Ft)**	**Moisture (S-H-M-L)**	**PID Reading**	**Soil Description/Notes**
B-5	0-2	L	0.0	Brown silty sand with gravel
B-5	2-4	L	0.0	Brown silty sand with gravel
B-5	4-6	L	0.0	Brown silty sand with gravel
B-5	6-8	L	0.0	Brown silty sand with gravel
B-5	8-10	L	0.0	Brown silty sand with gravel
B-5	10-12	L	0.0	Brown silty sand with gravel
B-5	12-14	L	0.0	Brown silty sand with a lot of gravel
B-5	14-15	--	--	No recovery
Bottom of Boring at 15' (Refusal), no groundwater encountered				
B-6	0-2.5	L	0.0	Brown silty sand with gravel
B-6	2.5-5	L	0.0	Brown silty sand with gravel
B-6	5-7.5	L	0.3	Brown silty sand with gravel
B-6	7.5-10	L	0.3	Brown silty sand with gravel
B-6	10-12.5	L	0.2	Brown silty sand with a lot of gravel
B-6	12.5-15	L	0.1	Brown silty sand with a lot of gravel
B-6	15-17.5	L	0.2	Brown silty sand with a lot of gravel
B-6	17.5-20	M	0.1	Brown silty sand with a lot of gravel
Bottom of Boring at 20' (Refusal), no groundwater encountered				
B-7	0-2.5	L	0.3	Brown silty sand with gravel
B-7	2.5-5	L	0.3	Brown silty sand with gravel
B-7	5-7.5	L	0.3	Brown silty sand with gravel
B-7	7.5-10	L	0.3	Brown silty sand with gravel
B-7	10-12.5	L	0.2	Brown silty sand with a lot of gravel
B-7	12.5-15	L	0.2	Brown silty sand with a lot of gravel
B-7	15-17.5	L	0.2	Brown silty sand with a lot of gravel
B-7	17.5-20	M	0.2	Brown silty sand with a lot of gravel
Bottom of Boring at 20' (Refusal), no groundwater encountered				
B-8	0-2.5	M	0.2	Brown silty sand with gravel
B-8	2.5-5	M	0.2	Brown silty sand with gravel
B-8	5-7.5	M	0.2	Brown silty sand with gravel
B-8	7.5-10	M	0.2	Brown silty sand with gravel
B-8	10-12.5	M	0.2	Brown silty sand with a lot of gravel
B-8	12.5-15	M	0.2	Brown silty sand with a lot of gravel

SOIL BORING LOG - FIELD READINGS EBI Project #12120279 Project Name: Bridgeport Shopping Center BORING METHOD: Direct Push DATE: 02/26-27/13				
Sample #	**Depth (Ft)**	**Moisture (S-H-M-L)**	**PID Reading**	**Soil Description/Notes**
B-8	15-17.5	M	0.3	Brown silty sand with a lot of gravel
B-8	17.5-20	M	0.3	Brown silty sand with a lot of gravel
Bottom of Boring at 20' (Refusal), no groundwater encountered				
B-9	0-2	L	0.3	Brown silty sand with gravel
B-9	2-4	L	0.3	Brown silty sand with gravel
B-9	4-6	L	0.2	Brown silty sand with gravel
B-9	6-8	L	0.2	Brown silty sand with gravel
B-9	8-10	L	0.1	Brown silty sand with gravel
B-9	10-12	L	0.1	Brown silty sand with gravel
B-9	12-14	L	0.2	Brown silty sand with a lot of gravel
B-9	14-15	--	--	No recovery
Bottom of Boring at 15' (Refusal), no groundwater encountered				
B-10	0-2.5	M	0.2	Brown silty sand with gravel
B-10	2.5-5	M	0.2	Brown silty sand with gravel
B-10	5-7.5	M	0.1	Brown silty sand with gravel
B-10	7.5-10	M	0.1	Brown silty sand with gravel
B-10	10-12.5	M	0.1	Brown silty sand with a lot of gravel
B-10	12.5-15	M	0.1	Brown silty sand with a lot of gravel
B-10	15-17.5	M	0.2	Brown silty sand with a lot of gravel
B-10	17.5-20	M	0.2	Brown silty sand with a lot of gravel
Bottom of Boring at 20' (Refusal), no groundwater encountered				
B-11	0-2	L	0.3	Brown silty sand with gravel
B-11	2-4	L	0.3	Brown silty sand with gravel
B-11	4-6	L	0.4	Brown silty sand with gravel
B-11	6-8	L	0.6	Brown silty sand with gravel
B-11	8-10	L	0.5	Brown silty sand with gravel
B-11	10-12	L	0.5	Brown silty sand with gravel
B-11	12-14	L	0.4	Brown silty sand with a lot of gravel
B-11	14-15	--	--	No recovery
Bottom of Boring at 15' (Refusal), no groundwater encountered				
B-12	0-2	L	0.3	Brown silty sand with gravel
B-12	2-4	L	0.3	Brown silty sand with gravel
B-12	4-6	L	0.3	Brown silty sand with gravel
B-12	6-8	L	0.6	Brown silty sand with gravel
B-12	8-10	L	0.4	Brown silty sand with gravel

SOIL BORING LOG - FIELD READINGS EBI Project #12120279 Project Name: Bridgeport Shopping Center BORING METHOD: Direct Push DATE: 02/26-27/13				
Sample #	**Depth (Ft)**	**Moisture (S-H-M-L)**	**PID Reading**	**Soil Description/Notes**
B-12	10-12	L	0.3	Brown silty sand with gravel
B-12	12-14	L	0.3	Brown silty sand with a lot of gravel
B-12	14-15	--	--	No recovery
Bottom of Boring at 15' (Refusal), no groundwater encountered				

APPENDIX C
LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Northern California ACCUTEST LABORATORIES

05/17/12

Technical Report for

EBI Consulting-Burlington

Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

12120136

Accutest Job Number: C21860

Sampling Date: 05/15/12

Report to:

EBI Consulting-Burlington
21 B Street
Burlington, MA 01803
rdeutsch@ebiconsulting.com

ATTN: Ryan Deutsch

Total number of pages in report: **19**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Test results relate only to samples analyzed.

Sections: 1 2 3 4

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Sample Summary

EBI Consulting-Burlington

Job No: C21860

Bridgepoint Shopper-316 SE 123rd,Vancouver,WA
Project No: 12120136

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C21860-1	05/15/12	09:10	PD	05/16/12	SO	Soil	B-1(12-14)
C21860-2	05/15/12	09:40	PD	05/16/12	SO	Soil	B-1(18-20)
C21860-3	05/15/12	10:34	PD	05/16/12	SO	Soil	B-2(4-6)
C21860-4	05/15/12	10:50	PD	05/16/12	SO	Soil	B-2(15-17)
C21860-5	05/15/12	12:30	PD	05/16/12	SO	Soil	B-3(4-6)
C21860-6	05/15/12	12:38	PD	05/16/12	SO	Soil	B-3(10-12)
C21860-7	05/15/12	13:20	PD	05/16/12	SO	Soil	B-4(4-6)
C21860-8	05/15/12	13:36	PD	05/16/12	SO	Soil	B-4(10-12

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1(12-14)		
Lab Sample ID:	C21860-1	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17032.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight
Run #1	9.58 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0026	0.00026	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0026	0.00057	mg/kg	
76-13-1	Freon 113	ND	0.0026	0.00026	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0026	0.00026	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0026	0.00031	mg/kg	
79-01-6	Trichloroethylene	ND	0.0026	0.00026	mg/kg	
75-01-4	Vinyl chloride	ND	0.0026	0.00052	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1(18-20)		
Lab Sample ID:	C21860-2	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17033.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight
Run #1	9.87 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0025	0.00025	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0025	0.00056	mg/kg	
76-13-1	Freon 113	ND	0.0025	0.00025	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0025	0.00025	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0025	0.00030	mg/kg	
79-01-6	Trichloroethylene	ND	0.0025	0.00025	mg/kg	
75-01-4	Vinyl chloride	ND	0.0025	0.00051	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2(4-6)		
Lab Sample ID:	C21860-3	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17047.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.90 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.16	0.016	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.16	0.035	mg/kg	
76-13-1	Freon 113	ND	0.16	0.016	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.16	0.016	mg/kg	
127-18-4	Tetrachloroethylene	0.434	0.16	0.019	mg/kg	
79-01-6	Trichloroethylene	ND	0.16	0.016	mg/kg	
75-01-4	Vinyl chloride	ND	0.16	0.032	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2(15-17)		
Lab Sample ID:	C21860-4	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17046.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.37 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.13	0.013	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.13	0.029	mg/kg	
76-13-1	Freon 113	ND	0.13	0.013	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.13	0.013	mg/kg	
127-18-4	Tetrachloroethylene	0.143	0.13	0.016	mg/kg	
79-01-6	Trichloroethylene	ND	0.13	0.013	mg/kg	
75-01-4	Vinyl chloride	ND	0.13	0.027	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3(4-6)		
Lab Sample ID:	C21860-5	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17036.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight
Run #1	8.86 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0028	0.00028	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0028	0.00062	mg/kg	
76-13-1	Freon 113	ND	0.0028	0.00028	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0028	0.00028	mg/kg	
127-18-4	Tetrachloroethylene	0.0672	0.0028	0.00034	mg/kg	
79-01-6	Trichloroethylene	ND	0.0028	0.00028	mg/kg	
75-01-4	Vinyl chloride	ND	0.0028	0.00056	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		60-130%
2037-26-5	Toluene-D8	105%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3(10-12)		
Lab Sample ID:	C21860-6	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17037.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight
Run #1	7.95 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0031	0.00031	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0031	0.00069	mg/kg	
76-13-1	Freon 113	ND	0.0031	0.00031	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0031	0.00031	mg/kg	
127-18-4	Tetrachloroethylene	0.0074	0.0031	0.00038	mg/kg	
79-01-6	Trichloroethylene	ND	0.0031	0.00031	mg/kg	
75-01-4	Vinyl chloride	ND	0.0031	0.00063	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4(4-6)		
Lab Sample ID:	C21860-7	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17038.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight
Run #1	8.13 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0031	0.00031	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0031	0.00068	mg/kg	
76-13-1	Freon 113	ND	0.0031	0.00031	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0031	0.00031	mg/kg	
127-18-4	Tetrachloroethylene	0.0297	0.0031	0.00037	mg/kg	
79-01-6	Trichloroethylene	ND	0.0031	0.00031	mg/kg	
75-01-4	Vinyl chloride	ND	0.0031	0.00062	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4(10-12		
Lab Sample ID:	C21860-8	**Date Sampled:**	05/15/12
Matrix:	SO - Soil	**Date Received:**	05/16/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17039.D	1	05/16/12	XB	n/a	n/a	VL532
Run #2							

	Initial Weight
Run #1	6.75 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0037	0.00037	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0037	0.00081	mg/kg	
76-13-1	Freon 113	ND	0.0037	0.00037	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0037	0.00037	mg/kg	
127-18-4	Tetrachloroethylene	0.0279	0.0037	0.00044	mg/kg	
79-01-6	Trichloroethylene	ND	0.0037	0.00037	mg/kg	
75-01-4	Vinyl chloride	ND	0.0037	0.00074	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	111%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST® LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

EBIMAB4346

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C21860

Client / Reporting Information | **Project Information**

Company Name: EBI
Address: 21 B St
City: Burlington State: MA Zip: 01803
Project Contact: Peter Dimond
Phone #: 503 530 9044
Samplers's Name: Peter Dimond

Project Name: Bridgeport Shopping
Street: 316 SE 123rd
City: Vancouver State: WA
Project #: 1212.0136
EMAIL:
Client Purchase Order #:

Requested Analysis

8260 - Chlorinated solvents

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MeOH	ENCORE	LAB USE ONLY
1	B-1 (12-14)	5-15	0910	PD	S	4							1		X 15035 kit meoH 2nd
2	B-1 (18-20)	"	0940	"	S	4							1		X
3	B-2 (4-6)	"	1034	"	S	4							1		X
4	B-2 (15-17)	"	1050	"	S	4							1		X
5	B-3 (4-6)	"	1230	"	S	4							1		X
6	B-3 (10-12)	"	1238	"	S	4							1		X
7	B-4 (4-6)	"	1320	"	S	4							1		X
8	B-4 (10-12)	"	1336	"	S	4							1		X

1 DAY

Turnaround Time (Business days)

Approved By:/ Date:

- [ ] 10 Day
- [x] 5 Day PD 5/15/15
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [x] 1 Day *(200% markup)* PD/5/15
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [ ] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		5/15/12 1430	1 Fed Ex	2 FEDEX	5/16/12 09:30	2 Lee Barnes
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres Y/N	Headspace Y/N N/A

Labels match Coc? Y / N | Separate Receiving Check List used: Y / N | On Ice Y/N | Cooler Temp. 3.7-0.4 = 3.3 °C

C21860: Chain of Custody
Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job# : C21860 Initial: EK

Review Chain of Custody — Chain of Custody is to be complete and legible.

- ☑ Are these regulatory (NPDES) samples? CWA — (Yes) / No
- ☑ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No — Existing Project? Yes / (No)
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☑ Address ☑ phone ☑ e-mail
    - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
    - Is Contact and/or Project Manager identified, including;
    - ☑ phone ☑ e-mail
    - ☐ Project name / number
- ☑ Special requirements? — Yes / (No)
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No — Approved by PM

Review Coolers:

- ☑ Were all Coolers temperatures measured at ≤6°C? — (Yes) / No
  - • If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on Ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method FedEx
- ☑ Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? (Yes) / No
- ☑ Proper Preservatives? (Yes) / No — 5035 KITS (10 meOH)
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☐ Headspace-VOAs? Greater than 6mm in diameter — Yes / No
  - List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues
-1 → -08		1 x 5035 KIT (incl. 2oz Jar) each
		* = 8-10 gram Soil in 2oz Jars.

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C21860: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C21860
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL532-MB	L17031.D	1	05/16/12	XB	n/a	n/a	VL532

The QC reported here applies to the following samples: **Method:** SW846 8260B

C21860-1, C21860-2, C21860-3, C21860-4, C21860-5, C21860-6, C21860-7, C21860-8

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
76-13-1	Freon 113	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	104%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C21860
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL532-BS	L17028.D	1	05/16/12	XB	n/a	n/a	VL532
VL532-BSD	L17029.D	1	05/16/12	XB	n/a	n/a	VL532

The QC reported here applies to the following samples: **Method:** SW846 8260B

C21860-1, C21860-2, C21860-3, C21860-4, C21860-5, C21860-6, C21860-7, C21860-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	40	41.5	104	43.0	108	4	60-130/30
156-59-2	cis-1,2-Dichloroethylene	40	38.4	96	43.0	108	11	60-130/30
76-13-1	Freon 113	40	38.4	96	47.0	118	20	60-130/30
71-55-6	1,1,1-Trichloroethane	40	42.8	107	46.8	117	9	60-130/30
127-18-4	Tetrachloroethylene	40	39.4	99	41.7	104	6	60-130/30
79-01-6	Trichloroethylene	40	40.8	102	45.1	113	10	60-130/30
75-01-4	Vinyl chloride	40	40.1	100	50.0	125	22	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	106%	106%	60-130%
2037-26-5	Toluene-D8	104%	112%	60-130%
460-00-4	4-Bromofluorobenzene	104%	106%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C21860
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C21858-15MS	L17049.D	1	05/17/12	XB	n/a	n/a	VL532
C21858-15MSD	L17050.D	1	05/17/12	XB	n/a	n/a	VL532
C21858-15	L17048.D	1	05/16/12	XB	n/a	n/a	VL532

The QC reported here applies to the following samples: **Method:** SW846 8260B

C21860-1, C21860-2, C21860-3, C21860-4, C21860-5, C21860-6, C21860-7, C21860-8

CAS No.	Compound	C21858-15 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	ND		39.3	34.5	88	35.0	90	1	60-130/30
156-59-2	cis-1,2-Dichloroethylene	ND		39.3	34.7	88	35.3	90	2	60-130/30
76-13-1	Freon 113	ND		39.3	37.4	95	32.6	83	14	60-130/30
71-55-6	1,1,1-Trichloroethane	ND		39.3	40.3	103	37.0	95	9	60-130/30
127-18-4	Tetrachloroethylene	63.2		39.3	82.8	50* [a]	81.8	48* [a]	1	60-130/30
79-01-6	Trichloroethylene	ND		39.3	33.5	85	31.1	80	7	60-130/30
75-01-4	Vinyl chloride	ND		39.3	40.7	104	36.7	94	10	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C21858-15	Limits
1868-53-7	Dibromofluoromethane	108%	116%	108%	60-130%
2037-26-5	Toluene-D8	99%	101%	101%	60-130%
460-00-4	4-Bromofluorobenzene	105%	104%	92%	60-130%

(a) Outside laboratory control limits.

New Jersey ACCUTEST LABORATORIES

05/17/12

Technical Report for

EBI Consulting

12120136, Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Accutest Job Number: JB6590

Sampling Date: 05/15/12

Report to:

EBI Consulting
21 B Street
Burlington, MA 01803
RDeutsch@ebiconsulting.com; RMurley@ebiconsulting.com

ATTN: Ryan Deutsh

Total number of pages in report: **10**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Paul Ioannidis
Lab Director

Client Service contact: Kristyn Morrison 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

Sections: 1 2 3

Table of Contents

Sample Summary

EBI Consulting

Job No: JB6590

12120136, Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JB6590-1	05/15/12	12:12	PD	05/16/12	AIR	Soil Vapor Comp.	B-3 (SV)
JB6590-2	05/15/12	13:14	PD	05/16/12	AIR	Soil Vapor Comp.	B-4 (SV)

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID: B-3 (SV)
Lab Sample ID: JB6590-1 **Date Sampled:** 05/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A700,A510 **Date Received:** 05/16/12
Method: TO-15 **Percent Solids:** n/a
Project: 12120136, Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W36495.D	1.7	05/17/12	YMH	n/a	n/a	VW1480
Run #2	2W35297.D	85	05/16/12	YMH	n/a	n/a	V2W1481

	Initial Volume
Run #1	25.0 ml
Run #2	200 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	153.8	Carbon tetrachloride	ND [a]	210	42	ug/m3				
56-23-5	153.8	Carbon tetrachloride	ND	34	6.9	ug/m3		ND	5.4	ppbv
156-59-2	96.94	cis-1,2-Dichloroethylene	ND [a]	130	25	ug/m3				
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	21	4.0	ug/m3		ND	5.4	ppbv
71-55-6	133.4	1,1,1-Trichloroethane	ND [a]	190	21	ug/m3				
71-55-6	133.4	1,1,1-Trichloroethane	ND	29	3.3	ug/m3		ND	5.4	ppbv
79-00-5	133.4	1,1,2-Trichloroethane	ND [a]	190	28	ug/m3				
79-00-5	133.4	1,1,2-Trichloroethane	ND	29	4.5	ug/m3		ND	5.4	ppbv
127-18-4	165.8	Tetrachloroethylene	12500 [a]	46	33	ug/m3		1850 [a]	6.8	ppbv
79-01-6	131.4	Trichloroethylene	ND [a]	37	30	ug/m3				
79-01-6	131.4	Trichloroethylene	11	5.9	4.8	ug/m3		2.1	1.1	ppbv
75-01-4	62.5	Vinyl chloride	ND [a]	87	14	ug/m3				
75-01-4	62.5	Vinyl chloride	ND	14	2.2	ug/m3		ND	5.4	ppbv

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%	83%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: B-4 (SV)
Lab Sample ID: JB6590-2 **Date Sampled:** 05/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A575,A578,A599 **Date Received:** 05/16/12
Method: TO-15 **Percent Solids:** n/a
Project: 12120136, Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W36496.D	72.5	05/17/12	YMH	n/a	n/a	VW1480
Run #2	2W35298.D	145	05/16/12	YMH	n/a	n/a	V2W1481

	Initial Volume
Run #1	400 ml
Run #2	100 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	153.8	Carbon tetrachloride	ND [a]	750	140	ug/m3				
56-23-5	153.8	Carbon tetrachloride	ND	94	18	ug/m3		ND	15	ppbv
156-59-2	96.94	cis-1,2-Dichloroethylene	ND [a]	480	87	ug/m3				
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	59	11	ug/m3		ND	15	ppbv
71-55-6	133.4	1,1,1-Trichloroethane	ND [a]	650	71	ug/m3				
71-55-6	133.4	1,1,1-Trichloroethane	ND	82	8.7	ug/m3		ND	15	ppbv
79-00-5	133.4	1,1,2-Trichloroethane	ND [a]	650	93	ug/m3				
79-00-5	133.4	1,1,2-Trichloroethane	ND	82	12	ug/m3		ND	15	ppbv
127-18-4	165.8	Tetrachloroethylene	50000 [a]	160	110	ug/m3		7380 [a]	23	ppbv
79-01-6	131.4	Trichloroethylene	ND [a]	120	100	ug/m3				
79-01-6	131.4	Trichloroethylene	ND	16	13	ug/m3		ND	2.9	ppbv
75-01-4	62.5	Vinyl chloride	ND [a]	310	49	ug/m3				
75-01-4	62.5	Vinyl chloride	ND	38	5.9	ug/m3		ND	15	ppbv

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%	87%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

Cert Air

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

FED-EX Tracking #	Bottle Order Control #	PAGE 1 OF 1
8003-3508 6433	KM-5/9/2012-22	
Lab Quote #	Lab Job # JB6590	

Client / Reporting Information

Company Name: EBI	Project Name: Bridgeport Shopping Center
Address: 21 B St	Street: 316 SE 123rd Ave
City: Burlington State: MA Zip: 01803	City: Vancouver State: WA
Project Contact: Peter Diamond, Ryan Deutsch E-mail: pdiamond@ebiconsulting.com, rdeutsch@ebiconsulting.com	Project #: 12120136
Phone #: 503 530-9044 Fax #:	Client Purchase Order #:
Sampler(s) Name(s): Peter Diamond	

Weather Parameters

Temperature (Fahrenheit)
Start: Maximum:
Stop: Minimum:

Atmoshpheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:

Other weather comment:

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Requested Analysis: TO-15
-1	B-3 (SV)	SV	1434	1L	FC372	5/15/12	1207	30	75	PD	5/15	1212	14	75	PD	X
-2	B-4 (SV)	SV	A575	1L	FC375	5/15/12	1309	30	75	PD	5/15	1314	2	75	PD	X

Turnaround Time (Business Days)

Standard - 15 Days	
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	X
Other	

Approved By: PD

Date: 5/15/2012

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	
Reduced T2	
Full T1	
Other:	

Comments / Remarks

SUMMA

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1	Ryan Macosko 12:45	5/10/12	FedEx	FedEx		
3	Ryan / Peter Diamond 14:30	5/15/12	FEDEX	FEDEX	5-16-12 930	
5				Custody Seal #		

3.1 3

JB6590: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB6590 **Client:** **Project:**

Date / Time Received: 5/16/2012 **Delivery Method:** **Airbill #'s:**

Cooler Temps (Initial/Adjusted):

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			
4. No. Coolers:	0		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Summa Canister and Flow Controller Log

Job Number: JB6590
Account: EBIMAB EBI Consulting
Project: 12120136, Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Received: 05/16/12

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A700	1	29.4	05/09/12	HT	CP5439	3W27983.D	JB6590-1	05/16/12	HT	11		1	1.69
A575	1	29.4	05/09/12	HT	CP5426	W36422.D	JB6590-2	05/16/12	HT	5.5			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
FC372	05/09/12	HT	167	.083	05/16/12	HT	167
FC375	05/09/12	HT	167	.083	05/16/12	HT	167

Accutest Bottle Order(s):
KM-5/9/2012-22

Prep Date	Room Temp(F)	Bar Pres "Hg
05/09/12	70	29.92

Northern California ACCUTEST LABORATORIES

03/06/13

Technical Report for

EBI Consulting-Burlington

Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

12120279

Accutest Job Number: C26424

Sampling Dates: 02/26/13 - 02/27/13

Report to:

EBI Consulting-Burlington
21 B Street
Burlington, MA 01803
rdeutsch@ebiconsulting.com

ATTN: Ryan Deutsch

Total number of pages in report: **36**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

James J. Rhudy
Lab Director

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Sections: 1 2 3 4 5

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Sample Summary

EBI Consulting-Burlington

Job No: C26424

Bridgepoint Shopper-316 SE 123rd,Vancouver,WA
Project No: 12120279

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C26424-1	02/26/13	08:45	CB	02/28/13	SO	Soil	B-5(2-4)
C26424-2	02/26/13	09:20	CB	02/28/13	SO	Soil	B-5(12-14)
C26424-3	02/26/13	09:15	CB	02/28/13	SO	Soil	B-6(5-7.5)
C26424-4	02/26/13	10:15	CB	02/28/13	SO	Soil	B-6(17.5-20)
C26424-5	02/26/13	11:00	CB	02/28/13	SO	Soil	B-7(5-7.5)
C26424-6	02/26/13	11:30	CB	02/28/13	SO	Soil	B-7(17.5-20)
C26424-7	02/26/13	12:25	CB	02/28/13	SO	Soil	B-8(5-7.5)
C26424-8	02/26/13	13:10	CB	02/28/13	SO	Soil	B-8(17.5-20)
C26424-9	02/26/13	13:00	CB	02/28/13	SO	Soil	B-9(2-4)
C26424-10	02/26/13	13:50	CB	02/28/13	SO	Soil	B-9(12-14)
C26424-11	02/26/13	13:20	CB	02/28/13	SO	Soil	B-10(2.5-5)
C26424-12	02/26/13	14:30	CB	02/28/13	SO	Soil	B-10(17.5-20)
C26424-13	02/26/13	15:30	CB	02/28/13	SO	Soil	B-11(6-8)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

EBI Consulting-Burlington

Job No: C26424

Bridgepoint Shopper-316 SE 123rd,Vancouver,WA
Project No: 12120279

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C26424-14	02/26/13	15:40	CB	02/28/13	SO	Soil	B-11(12-14)
C26424-15	02/27/13	09:20	CB	02/28/13	SO	Soil	B-12(6-8)
C26424-16	02/27/13	09:50	CB	02/28/13	SO	Soil	B-12(12-14)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: C26424
Account: EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA
Collected: 02/26/13 thru 02/27/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C26424-1	**B-5(2-4)**					
Tetrachloroethylene		0.00068 J	0.0048	0.00058	mg/kg	SW846 8260B
C26424-2	**B-5(12-14)**					
No hits reported in this sample.						
C26424-3	**B-6(5-7.5)**					
No hits reported in this sample.						
C26424-4	**B-6(17.5-20)**					
No hits reported in this sample.						
C26424-5	**B-7(5-7.5)**					
No hits reported in this sample.						
C26424-6	**B-7(17.5-20)**					
No hits reported in this sample.						
C26424-7	**B-8(5-7.5)**					
No hits reported in this sample.						
C26424-8	**B-8(17.5-20)**					
No hits reported in this sample.						
C26424-9	**B-9(2-4)**					
Tetrachloroethylene		0.0017 J	0.0046	0.00055	mg/kg	SW846 8260B
C26424-10	**B-9(12-14)**					
No hits reported in this sample.						
C26424-11	**B-10(2.5-5)**					
No hits reported in this sample.						

Summary of Hits

Job Number: C26424
Account: EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA
Collected: 02/26/13 thru 02/27/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C26424-12	**B-10(17.5-20)**					
No hits reported in this sample.						
C26424-13	**B-11(6-8)**					
No hits reported in this sample.						
C26424-14	**B-11(12-14)**					
No hits reported in this sample.						
C26424-15	**B-12(6-8)**					
Tetrachloroethylene		0.00057 J	0.0044	0.00052	mg/kg	SW846 8260B
C26424-16	**B-12(12-14)**					
No hits reported in this sample.						

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	B-5(2-4)		
Lab Sample ID:	C26424-1	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23249.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.19 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0048	0.00048	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0048	0.0011	mg/kg	
76-13-1	Freon 113	ND	0.0048	0.00048	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0048	0.00048	mg/kg	
127-18-4	Tetrachloroethylene	0.00068	0.0048	0.00058	mg/kg	J
79-01-6	Trichloroethylene	ND	0.0048	0.00048	mg/kg	
75-01-4	Vinyl chloride	ND	0.0048	0.00096	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-5(12-14)		
Lab Sample ID:	C26424-2	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23250.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	4.98 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0050	0.00050	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0050	0.0011	mg/kg	
76-13-1	Freon 113	ND	0.0050	0.00050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0050	0.00050	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0050	0.00060	mg/kg	
79-01-6	Trichloroethylene	ND	0.0050	0.00050	mg/kg	
75-01-4	Vinyl chloride	ND	0.0050	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-6(5-7.5)		
Lab Sample ID:	C26424-3	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23251.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.79 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0043	0.00043	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0043	0.00095	mg/kg	
76-13-1	Freon 113	ND	0.0043	0.00043	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0043	0.00043	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0043	0.00052	mg/kg	
79-01-6	Trichloroethylene	ND	0.0043	0.00043	mg/kg	
75-01-4	Vinyl chloride	ND	0.0043	0.00086	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-6(17.5-20)		
Lab Sample ID:	C26424-4	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23252.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.33 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0047	0.00047	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0047	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0047	0.00047	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0047	0.00047	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0047	0.00056	mg/kg	
79-01-6	Trichloroethylene	ND	0.0047	0.00047	mg/kg	
75-01-4	Vinyl chloride	ND	0.0047	0.00094	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-7(5-7.5)		
Lab Sample ID:	C26424-5	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23253.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.44 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0046	0.00046	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0046	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0046	0.00046	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0046	0.00046	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0046	0.00055	mg/kg	
79-01-6	Trichloroethylene	ND	0.0046	0.00046	mg/kg	
75-01-4	Vinyl chloride	ND	0.0046	0.00092	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-7(17.5-20)		
Lab Sample ID:	C26424-6	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd, Vancouver, WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23254.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.90 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0042	0.00042	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0042	0.00093	mg/kg	
76-13-1	Freon 113	ND	0.0042	0.00042	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0042	0.00042	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0042	0.00051	mg/kg	
79-01-6	Trichloroethylene	ND	0.0042	0.00042	mg/kg	
75-01-4	Vinyl chloride	ND	0.0042	0.00085	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-8(5-7.5)		
Lab Sample ID:	C26424-7	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23255.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.41 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0046	0.00046	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0046	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0046	0.00046	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0046	0.00046	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0046	0.00055	mg/kg	
79-01-6	Trichloroethylene	ND	0.0046	0.00046	mg/kg	
75-01-4	Vinyl chloride	ND	0.0046	0.00092	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-8(17.5-20)
Lab Sample ID: C26424-8
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Date Sampled: 02/26/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23256.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.37 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0047	0.00047	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0047	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0047	0.00047	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0047	0.00047	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0047	0.00056	mg/kg	
79-01-6	Trichloroethylene	ND	0.0047	0.00047	mg/kg	
75-01-4	Vinyl chloride	ND	0.0047	0.00093	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-9(2-4)		
Lab Sample ID:	C26424-9	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23257.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.48 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0046	0.00046	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0046	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0046	0.00046	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0046	0.00046	mg/kg	
127-18-4	Tetrachloroethylene	0.0017	0.0046	0.00055	mg/kg	J
79-01-6	Trichloroethylene	ND	0.0046	0.00046	mg/kg	
75-01-4	Vinyl chloride	ND	0.0046	0.00091	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-9(12-14)
Lab Sample ID: C26424-10
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Date Sampled: 02/26/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23258.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.16 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0048	0.00048	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0048	0.0011	mg/kg	
76-13-1	Freon 113	ND	0.0048	0.00048	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0048	0.00048	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0048	0.00058	mg/kg	
79-01-6	Trichloroethylene	ND	0.0048	0.00048	mg/kg	
75-01-4	Vinyl chloride	ND	0.0048	0.00097	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-10(2.5-5)
Lab Sample ID: C26424-11
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Date Sampled: 02/26/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23259.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	6.83 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0037	0.00037	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0037	0.00081	mg/kg	
76-13-1	Freon 113	ND	0.0037	0.00037	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0037	0.00037	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0037	0.00044	mg/kg	
79-01-6	Trichloroethylene	ND	0.0037	0.00037	mg/kg	
75-01-4	Vinyl chloride	ND	0.0037	0.00073	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-10(17.5-20)
Lab Sample ID: C26424-12
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Date Sampled: 02/26/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23260.D	1	03/04/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.85 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0043	0.00043	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0043	0.00094	mg/kg	
76-13-1	Freon 113	ND	0.0043	0.00043	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0043	0.00043	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0043	0.00051	mg/kg	
79-01-6	Trichloroethylene	ND	0.0043	0.00043	mg/kg	
75-01-4	Vinyl chloride	ND	0.0043	0.00085	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-11(6-8)
Lab Sample ID: C26424-13
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Date Sampled: 02/26/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23261.D	1	03/05/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.29 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0047	0.00047	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0047	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0047	0.00047	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0047	0.00047	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0047	0.00057	mg/kg	
79-01-6	Trichloroethylene	ND	0.0047	0.00047	mg/kg	
75-01-4	Vinyl chloride	ND	0.0047	0.00095	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-11(12-14)		
Lab Sample ID:	C26424-14	**Date Sampled:**	02/26/13
Matrix:	SO - Soil	**Date Received:**	02/28/13
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	Bridgepoint Shopper-316 SE 123rd,Vancouver,WA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L23262.D	1	03/05/13	XB	n/a	n/a	VL737
Run #2							

	Initial Weight
Run #1	5.46 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0046	0.00046	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0046	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0046	0.00046	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0046	0.00046	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0046	0.00055	mg/kg	
79-01-6	Trichloroethylene	ND	0.0046	0.00046	mg/kg	
75-01-4	Vinyl chloride	ND	0.0046	0.00092	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-12(6-8)
Lab Sample ID: C26424-15
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Date Sampled: 02/27/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M38287.D	1	03/04/13	XB	n/a	n/a	VM1161
Run #2							

	Initial Weight
Run #1	5.73 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0044	0.00044	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0044	0.00096	mg/kg	
76-13-1	Freon 113	ND	0.0044	0.00044	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0044	0.00044	mg/kg	
127-18-4	Tetrachloroethylene	0.00057	0.0044	0.00052	mg/kg	J
79-01-6	Trichloroethylene	ND	0.0044	0.00044	mg/kg	
75-01-4	Vinyl chloride	ND	0.0044	0.00087	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	89%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-12(12-14)
Lab Sample ID: C26424-16
Matrix: SO - Soil
Method: SW846 8260B
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Date Sampled: 02/27/13
Date Received: 02/28/13
Percent Solids: n/a [a]

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M38288.D	1	03/04/13	XB	n/a	n/a	VM1161
Run #2							

	Initial Weight
Run #1	4.54 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	0.0055	0.00055	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0055	0.0012	mg/kg	
76-13-1	Freon 113	ND	0.0055	0.00055	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0055	0.00055	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0055	0.00066	mg/kg	
79-01-6	Trichloroethylene	ND	0.0055	0.00055	mg/kg	
75-01-4	Vinyl chloride	ND	0.0055	0.0011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Pg 1 of 2

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

EBIMAB43346

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C26424

Client / Reporting Information

Company Name: EBI Consulting
Address: 21 B St
City: Burlington State: MA Zip: 01803
Project Contact: Ryan Deutsch
Phone #:
Samplers's Name: Chad Bechtel

Project Information

Project Name: Bridgeport Shopping Center
Street: 316 SE 123rd Ave
City: Vancouver State: WA
Project #: 12120279
EMAIL:
Client Purchase Order #:

Requested Analysis

* VOCs 8260 (Cl2 Sol. Only)

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	* VOCs 8260 (Cl2 Sol. Only)	LAB USE ONLY
1	B-5 (2-4)	2/26/13	0845	CB	SO	4					3		1		X	
2	B-5 (12-14)		0920												X	
3	B-6 (5-7.5)		0915												X	
4	B-6 (17.5-20)		1015												X	
5	B-7 (5-7.5)		1100												X	
6	B-7 (17.5-20)		1130												X	
7	B-8 (5-7.5)		1225												X	
8	B-8 (17.5-20)		1310												X	
9	B-9 (2-4)		1300												X	
10	B-9 (12-14)		1350												X	

Turnaround Time (Business days)

Approved By:/ Date:

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

* Cl2 Sol. Only = Chlorinated Solvents Only

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Chad Bechtel	2/27/13 1030	FedEx	FEDEX	2/28/13 0855	Leel Baum
2						
3						
4						
5				Custody Seal #		

Appropriate Bottle / Preservative Y / N
Headspace Y / N N/A
On Ice (Y) N
Cooler Temp. 5.1 °C
Labels match Coc (Y) N
Separate Receiving Check List used (Y) N

C26424: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C26424

Client / Reporting Information

Company Name: EBI Consulting
Address: 21 B St
City: Burlington State: MA Zip: 01803
Project Contact: Ryan Deutsch
Phone #:
Samplers's Name: Chad Bechtel

Project Information

Project Name: Bridgeport Shopping Center
Street: 316 SE 123rd Ave
City: Vancouver State: WA
Project #: 12120279
EMAIL:
Client Purchase Order #:

Requested Analysis

* VOCs 8260 (Cl_2 Sol. Only)

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	H2SO4	HNO3	NONE	NaHSO4	MEOH	ENCORE	* VOCs 8260 (Cl_2 Sol. Only)	LAB USE ONLY
11	B-10 (2.5-5)	2/26/13	1320	CB	SO	4					3		1		X	
12	B-10 (17.5-20)		1430												X	
13	B-11 (6-8)		1530												X	
14	B-11 (12-14)		1540												X	
15	B-12 (6-8)	2/27/13	0920												X	
16	B-12 (12-14)		0950												X	

EOC - Chad Bechtel

Turnaround Time (Business days)

Approved By / Date:

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

* Cl_2 Sol. Only = Chlorinated Solvents Only

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1	Chad Bechtel	2/27/13 1030	Fed Ex			
2				FEDEX	2/28/13 0855	Lee Barton
3	Relinquished by:	Date Time:	Received By:			
4	Relinquished By:	Date Time:	Received By:			
5	Relinquished by:	Date Time:	Received By:	Custody Seal #		

Appropriate Bottle / Pres. Y / N | Headspace Y / N | On Ice Y / N | Cooler Temp.
Labels match Coc? Y / N | Separate Receiving Check List used: Y / N

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C26424 **Client:** EBI CONSULTING **Project:** BRIDGEPORT SHOPPING CENTER

Date / Time Received: 2/28/2013 **Delivery Method:** FedEx **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (5.1/5.1); 0

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☐		☑	3. COC Present:	☑		☐
2. Custody Seals Intact:	☐		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:408.588.0200
2105 Lundy Avenue
F: 408.588.0201
San Jose, CA 95131
www/accutest.com

C26424: Chain of Custody
Page 3 of 3

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1161-MB	M38285.D	1	03/04/13	XB	n/a	n/a	VM1161

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-15, C26424-16

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
76-13-1	Freon 113	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%

Method Blank Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL737-MB	L23248.D	1	03/04/13	XB	n/a	n/a	VL737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-1, C26424-2, C26424-3, C26424-4, C26424-5, C26424-6, C26424-7, C26424-8, C26424-9, C26424-10, C26424-11, C26424-12, C26424-13, C26424-14

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
76-13-1	Freon 113	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	106%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1161-BS	M38282.D	1	03/04/13	XB	n/a	n/a	VM1161
VM1161-BSD	M38283.D	1	03/04/13	XB	n/a	n/a	VM1161

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-15, C26424-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	40	39.8	100	39.5	99	1	82-127/22
156-59-2	cis-1,2-Dichloroethylene	40	41.2	103	40.3	101	2	79-123/20
76-13-1	Freon 113	40	39.5	99	40.0	100	1	79-127/20
71-55-6	1,1,1-Trichloroethane	40	42.0	105	41.5	104	1	79-129/21
127-18-4	Tetrachloroethylene	40	37.6	94	35.8	90	5	80-125/25
79-01-6	Trichloroethylene	40	38.1	95	37.6	94	1	81-122/20
75-01-4	Vinyl chloride	40	42.1	105	42.0	105	0	71-133/23

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	97%	95%	70-130%
2037-26-5	Toluene-D8	93%	89%	70-130%
460-00-4	4-Bromofluorobenzene	93%	89%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL737-BS	L23245.D	1	03/04/13	XB	n/a	n/a	VL737
VL737-BSD	L23246.D	1	03/04/13	XB	n/a	n/a	VL737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-1, C26424-2, C26424-3, C26424-4, C26424-5, C26424-6, C26424-7, C26424-8, C26424-9, C26424-10, C26424-11, C26424-12, C26424-13, C26424-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	40	34.5	86	36.3	91	5	82-127/22
156-59-2	cis-1,2-Dichloroethylene	40	35.1	88	36.6	92	4	79-123/20
76-13-1	Freon 113	40	35.4	89	36.6	92	3	79-127/20
71-55-6	1,1,1-Trichloroethane	40	36.0	90	37.6	94	4	79-129/21
127-18-4	Tetrachloroethylene	40	36.0	90	37.7	94	5	80-125/25
79-01-6	Trichloroethylene	40	34.1	85	36.0	90	5	81-122/20
75-01-4	Vinyl chloride	40	33.5	84	36.5	91	9	71-133/23

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	106%	103%	70-130%
2037-26-5	Toluene-D8	109%	108%	70-130%
460-00-4	4-Bromofluorobenzene	102%	99%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1161-LCS	M38284.D	1	03/04/13	XB	n/a	n/a	VM1161

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-15, C26424-16

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL737-LCS	L23247.D	1	03/04/13	XB	n/a	n/a	VL737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-1, C26424-2, C26424-3, C26424-4, C26424-5, C26424-6, C26424-7, C26424-8, C26424-9, C26424-10, C26424-11, C26424-12, C26424-13, C26424-14

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	107%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C26411-1MS	L23264.D	1	03/05/13	XB	n/a	n/a	VL737
C26411-1MSD	L23265.D	1	03/05/13	XB	n/a	n/a	VL737
C26411-1	L23263.D	1	03/05/13	XB	n/a	n/a	VL737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-1, C26424-2, C26424-3, C26424-4, C26424-5, C26424-6, C26424-7, C26424-8, C26424-9, C26424-10, C26424-11, C26424-12, C26424-13, C26424-14

CAS No.	Compound	C26411-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	ND		38.3	23.1	60* [a]	23.7	61* [a]	3	82-127/22
156-59-2	cis-1,2-Dichloroethylene	ND		38.3	28.4	74* [a]	27.6	71* [a]	3	79-123/20
76-13-1	Freon 113	ND		38.3	28.1	73* [a]	27.5	71* [a]	2	79-127/20
71-55-6	1,1,1-Trichloroethane	ND		38.3	29.3	76* [a]	28.6	74* [a]	2	79-129/21
127-18-4	Tetrachloroethylene	ND		38.3	47.6	124	39.3	102	19	80-125/25
79-01-6	Trichloroethylene	ND		38.3	36.2	94	29.1	75* [a]	22* [a]	81-122/20
75-01-4	Vinyl chloride	ND		38.3	30.2	79	29.5	76	2	71-133/23

CAS No.	Surrogate Recoveries	MS	MSD	C26411-1	Limits
1868-53-7	Dibromofluoromethane	108%	107%	98%	70-130%
2037-26-5	Toluene-D8	107%	108%	106%	70-130%
460-00-4	4-Bromofluorobenzene	103%	104%	101%	70-130%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C26424
Account: EBIMAB EBI Consulting-Burlington
Project: Bridgepoint Shopper-316 SE 123rd,Vancouver,WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C26485-4MS	M38302.D	1	03/05/13	XB	n/a	n/a	VM1161
C26485-4MSD	M38322.D	1	03/05/13	XB	n/a	n/a	VM1161
C26485-4	M38289.D	1	03/04/13	XB	n/a	n/a	VM1161

The QC reported here applies to the following samples: **Method:** SW846 8260B

C26424-15, C26424-16

CAS No.	Compound	C26485-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	ND		39.4	39.8	101	40.6	104	2	82-127/22
156-59-2	cis-1,2-Dichloroethylene	ND		39.4	40.3	102	39.4	101	2	79-123/20
76-13-1	Freon 113	ND		39.4	39.9	101	39.8	102	0	79-127/20
71-55-6	1,1,1-Trichloroethane	ND		39.4	42.4	107	42.3	108	0	79-129/21
127-18-4	Tetrachloroethylene	ND		39.4	36.6	93	35.4	91	3	80-125/25
79-01-6	Trichloroethylene	ND		39.4	38.1	97	37.7	97	1	81-122/20
75-01-4	Vinyl chloride	ND		39.4	43.5	110	42.7	109	2	71-133/23

CAS No.	Surrogate Recoveries	MS	MSD	C26485-4	Limits
1868-53-7	Dibromofluoromethane	101%	104%	96%	70-130%
2037-26-5	Toluene-D8	96%	97%	97%	70-130%
460-00-4	4-Bromofluorobenzene	92%	98%	90%	70-130%

* = Outside of Control Limits.

New Jersey ACCUTEST LABORATORIES

03/07/13

Technical Report for

EBI Consulting

Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

12120279

Accutest Job Number: JB30002

Sampling Dates: 02/26/13 - 02/27/13

Report to:

EBI Consulting
21 B Street
Burlington, MA 01803
RDeutsch@ebiconsulting.com

ATTN: Ryan Deutsh

Total number of pages in report: **55**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

EBI Consulting

Job No: JB30002

Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Project No: 12120279

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JB30002-1	02/26/13	09:02	CB	02/28/13	AIR	Soil Vapor Comp.	B-5 SV(5)
JB30002-2	02/26/13	09:08	CB	02/28/13	AIR	Soil Vapor Comp.	B-6 SV(5)
JB30002-3	02/26/13	09:50	CB	02/28/13	AIR	Soil Vapor Comp.	B-5 SV(15)
JB30002-4	02/26/13	10:00	CB	02/28/13	AIR	Soil Vapor Comp.	B-6 SV(15)
JB30002-5	02/26/13	10:52	CB	02/28/13	AIR	Soil Vapor Comp.	B-7 SV(5)
JB30002-6	02/26/13	11:20	CB	02/28/13	AIR	Soil Vapor Comp.	B-7 SV(15)
JB30002-7	02/26/13	12:17	CB	02/28/13	AIR	Soil Vapor Comp.	B-8 SV(5)
JB30002-8	02/26/13	12:57	CB	02/28/13	AIR	Soil Vapor Comp.	B-8 SV(15)
JB30002-9	02/26/13	13:20	CB	02/28/13	AIR	Soil Vapor Comp.	B-9 SV(5)
JB30002-10	02/26/13	14:12	CB	02/28/13	AIR	Soil Vapor Comp.	B-9 SV(15)
JB30002-11	02/26/13	13:45	CB	02/28/13	AIR	Soil Vapor Comp.	B-10 SV(5)
JB30002-12	02/26/13	14:20	CB	02/28/13	AIR	Soil Vapor Comp.	B-10 SV(15)
JB30002-13	02/26/13	15:23	CB	02/28/13	AIR	Soil Vapor Comp.	B-11 SV(5)

Sample Summary
(continued)

EBI Consulting

Job No: JB30002

Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Project No: 12120279

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JB30002-14	02/26/13	15:57	CB	02/28/13	AIR	Soil Vapor Comp.	B-11 SV(15)
JB30002-15	02/27/13	09:08	CB	02/28/13	AIR	Soil Vapor Comp.	B-12 SV(5)
JB30002-16	02/27/13	10:27	CB	02/28/13	AIR	Soil Vapor Comp.	B-12 SV(15)

Summary of Hits

Job Number: JB30002
Account: EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Collected: 02/26/13 thru 02/27/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB30002-1	**B-5 SV(5)**					
Tetrachloroethylene [a]		10.0	0.32	0.19	ppbv	TO-15
Tetrachloroethylene [a]		67.8	2.2	1.3	ug/m3	TO-15
JB30002-2	**B-6 SV(5)**					
Tetrachloroethylene		0.54	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		3.7	1.1	0.66	ug/m3	TO-15
JB30002-3	**B-5 SV(15)**					
Tetrachloroethylene [a]		2.0	0.32	0.19	ppbv	TO-15
Tetrachloroethylene [a]		14	2.2	1.3	ug/m3	TO-15
JB30002-4	**B-6 SV(15)**					
Tetrachloroethylene		0.74	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		5.0	1.1	0.66	ug/m3	TO-15
JB30002-5	**B-7 SV(5)**					
Tetrachloroethylene		0.38	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		2.6	1.1	0.66	ug/m3	TO-15
JB30002-6	**B-7 SV(15)**					
Tetrachloroethylene		0.98	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		6.6	1.1	0.66	ug/m3	TO-15
JB30002-7	**B-8 SV(5)**					
Tetrachloroethylene		0.36	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		2.4	1.1	0.66	ug/m3	TO-15
JB30002-8	**B-8 SV(15)**					
Tetrachloroethylene		0.75	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		5.1	1.1	0.66	ug/m3	TO-15
JB30002-9	**B-9 SV(5)**					
Tetrachloroethylene		31.0	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		210	1.1	0.66	ug/m3	TO-15

Summary of Hits

Job Number: JB30002
Account: EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Collected: 02/26/13 thru 02/27/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB30002-10	**B-9 SV(15)**					
Tetrachloroethylene [a]		5.1	0.32	0.19	ppbv	TO-15
Tetrachloroethylene [a]		35	2.2	1.3	ug/m3	TO-15
JB30002-11	**B-10 SV(5)**					
Tetrachloroethylene		0.61	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		4.1	1.1	0.66	ug/m3	TO-15
JB30002-12	**B-10 SV(15)**					
Tetrachloroethylene		1.0	0.16	0.097	ppbv	TO-15
Trichloroethylene		0.24	0.16	0.14	ppbv	TO-15
Tetrachloroethylene		6.8	1.1	0.66	ug/m3	TO-15
Trichloroethylene		1.3	0.86	0.75	ug/m3	TO-15
JB30002-13	**B-11 SV(5)**					
Tetrachloroethylene		23.6	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		160	1.1	0.66	ug/m3	TO-15
JB30002-14	**B-11 SV(15)**					
Tetrachloroethylene [a]		3.3	0.32	0.19	ppbv	TO-15
Tetrachloroethylene [a]		22	2.2	1.3	ug/m3	TO-15
JB30002-15	**B-12 SV(5)**					
Tetrachloroethylene		4.3	0.16	0.097	ppbv	TO-15
Tetrachloroethylene		29	1.1	0.66	ug/m3	TO-15
JB30002-16	**B-12 SV(15)**					
Tetrachloroethylene [a]		6.4	0.32	0.19	ppbv	TO-15
Trichloroethylene [a]		1.3	0.32	0.29	ppbv	TO-15
Tetrachloroethylene [a]		43	2.2	1.3	ug/m3	TO-15
Trichloroethylene [a]		7.0	1.7	1.6	ug/m3	TO-15

(a) Diluted due to high concentration of non-target compound.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: B-5 SV(5)
Lab Sample ID: JB30002-1 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A426 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3W32545.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	1.6	0.16	ppbv		ND	10	1.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	0.20	ppbv		ND	6.3	0.79	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	0.22	ppbv		ND	12	1.7	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	0.19	ppbv		ND	8.7	1.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	10.0	0.32	0.19	ppbv		67.8	2.2	1.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.32	0.29	ppbv		ND	1.7	1.6	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	0.17	ppbv		ND	4.1	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	112%		65-128%

(a) Diluted due to high concentration of non-target compound.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-6 SV(5)
Lab Sample ID: JB30002-2 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A505 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32522.D	1	03/04/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.54	0.16	0.097	ppbv		3.7	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-5 SV(15)
Lab Sample ID: JB30002-3 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A521 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3W32546.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	1.6	0.16	ppbv		ND	10	1.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	0.20	ppbv		ND	6.3	0.79	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	0.22	ppbv		ND	12	1.7	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	0.19	ppbv		ND	8.7	1.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.0	0.32	0.19	ppbv		14	2.2	1.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.32	0.29	ppbv		ND	1.7	1.6	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	0.17	ppbv		ND	4.1	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		65-128%

(a) Diluted due to high concentration of non-target compound.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-6 SV(15)
Lab Sample ID: JB30002-4 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A582 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32524.D	1	03/04/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.74	0.16	0.097	ppbv		5.0	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-7 SV(5)
Lab Sample ID: JB30002-5 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A715 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32527.D	1	03/04/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.38	0.16	0.097	ppbv		2.6	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-7 SV(15)
Lab Sample ID: JB30002-6 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A436 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32528.D	1	03/04/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.98	0.16	0.097	ppbv		6.6	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-8 SV(5)
Lab Sample ID: JB30002-7 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A801 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32529.D	1	03/05/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.36	0.16	0.097	ppbv		2.4	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-8 SV(15)
Lab Sample ID: JB30002-8 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A396 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32530.D	1	03/05/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.75	0.16	0.097	ppbv		5.1	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-9 SV(5)
Lab Sample ID: JB30002-9 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A799 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32547.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	31.0	0.16	0.097	ppbv		210	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-9 SV(15)
Lab Sample ID: JB30002-10 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A383 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3W32549.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	1.6	0.16	ppbv		ND	10	1.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	0.20	ppbv		ND	6.3	0.79	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	0.22	ppbv		ND	12	1.7	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	0.19	ppbv		ND	8.7	1.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	5.1	0.32	0.19	ppbv		35	2.2	1.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.32	0.29	ppbv		ND	1.7	1.6	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	0.17	ppbv		ND	4.1	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		65-128%

(a) Diluted due to high concentration of non-target compound.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-10 SV(5)
Lab Sample ID: JB30002-11 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A415 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32533.D	1	03/05/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.61	0.16	0.097	ppbv		4.1	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-10 SV(15)
Lab Sample ID: JB30002-12 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A501 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32534.D	1	03/05/13	YXC	n/a	n/a	V3W1261
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.0	0.16	0.097	ppbv		6.8	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	0.24	0.16	0.14	ppbv		1.3	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-11 SV(5)
Lab Sample ID: JB30002-13 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A783 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32550.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	23.6	0.16	0.097	ppbv		160	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-11 SV(15)
Lab Sample ID: JB30002-14 **Date Sampled:** 02/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A786 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3W32552.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	1.6	0.16	ppbv		ND	10	1.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	0.20	ppbv		ND	6.3	0.79	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	0.22	ppbv		ND	12	1.7	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	0.19	ppbv		ND	8.7	1.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	3.3	0.32	0.19	ppbv		22	2.2	1.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.32	0.29	ppbv		ND	1.7	1.6	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	0.17	ppbv		ND	4.1	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		65-128%

(a) Diluted due to high concentration of non-target compound.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-12 SV(5)
Lab Sample ID: JB30002-15 **Date Sampled:** 02/27/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A502 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W32560.D	1	03/05/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.078	ppbv		ND	5.0	0.49	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.097	ppbv		ND	4.4	0.53	ug/m3
127-18-4	165.8	Tetrachloroethylene	4.3	0.16	0.097	ppbv		29	1.1	0.66	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.14	ppbv		ND	0.86	0.75	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.087	ppbv		ND	2.0	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	112%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B-12 SV(15)
Lab Sample ID: JB30002-16 **Date Sampled:** 02/27/13
Matrix: AIR - Soil Vapor Comp. Summa ID: A792 **Date Received:** 02/28/13
Method: TO-15 **Percent Solids:** n/a
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3W32561.D	1	03/06/13	YXC	n/a	n/a	V3W1262
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	1.6	0.16	ppbv		ND	10	1.0	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	0.20	ppbv		ND	6.3	0.79	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	0.22	ppbv		ND	12	1.7	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	0.19	ppbv		ND	8.7	1.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	6.4	0.32	0.19	ppbv		43	2.2	1.3	ug/m3
79-01-6	131.4	Trichloroethylene	1.3	0.32	0.29	ppbv		7.0	1.7	1.6	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	0.17	ppbv		ND	4.1	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		65-128%

(a) Diluted due to high concentration of non-target compound.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

Air

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking # 8026 9619 5950 | Bottle Order Control # VP-2/19/2013-2 | PAGE 1 OF 2

Lab Quote # | Lab Job # JB30002

Client / Reporting Information

Company Name: EBI Consulting
Address: 21 B St
City: Burlington, MA State: | Zip: 01803
Project Contact: Ryan Deutsch E-mail:
Phone #: Fax #:

Project Name: Bridgeport Shopping Center
Street: 316 SE 123rd Ave
City: Vancouver State: WA
Project #: 12120279
Client Purchase Order #:

Sampler(s) Name(s): Chad Beckstel

Weather Parameters

Temperature (Fahrenheit)
Start: Maximum:
Stop: Minimum:
Atmoshpheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:
Other weather comment:

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Requested Analysis: Standard TO-15 Reporting List (Cl2 Sol. Only)
1	B-5 SV (5)	SV	A426	1L	FC366	2/26/13	0852	-30		CB	2/26/13	0902	0		CB	X
2	B-6 SV (5)		A505	1L	FC516		0858	-30		CB		0908	0		CB	X
3	B-5 SV (15)		A521	1L	FC466		0930	-30		CB		0950	0		CB	X
4	B-6 SV (15)		A582	1L	FC263		0947	-30		CB		1000	0		CB	X
5	B-7 SV (5)		A715	1L	FC428		1040	-30		CB		1052	0		CB	X
6	B-7 SV (15)		A436	1L	FC186		1110	-30		CB		1120	0		CB	X
7	B-8 SV (5)		A801	1L	FC514		1202	-30		CB		1217	0		CB	X
8	B-8 SV (15)		A396	1L	FC329		1241	-30		CB		1257	0		CB	X
9	B-9 SV (5)		A799	1L	FC159		1307	-30		CB		1320	0		CB	X
10	B-9 SV (15)		A383	1L	FC286		1359	-30		CB		1412	0		CB	X

Turnaround Time (Business days)

Standard - 15 Days	
10 Day	
5 Day	X
3 Day	
2 Day	
1 Day	
Other	

Approved By:

Date:

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	X
Reduced T2	
Full T1	
Other:	

Comments / Remarks

* Cl_2 Sol. Only = Chlorinated Solvents Only

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory: 1 Clay Mauvais	Date Time: 2/26/13 1130	Received By: 1 Fed Ex	Relinquished By: 2 Fed Ex	Date Time: 2/26/13 0700	Received By: 2 Chad Beckstel		
Relinquished by: 3 Chad Beckstel	Date Time: 2/27/13 1030	Received By: 3 Fed Ex	Relinquished By: 4 FedEx	Date Time: 2/26/13 1000	Received By: 4 [signature]		
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 671, 674, 676, 678				

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Air Sampling Field Data Sheet

FED-EX Tracking # 8526[illegible]950 | Bottle Order Control # VP - 2/19/2013-2 | PAGE 2 OF 2

Lab Quote # | Lab Job # JB 30002

Client / Reporting Information

Company Name: EBI Consultants
Address: 21 B St
City: Burlington State: MA Zip: 01803
Project Contact: Ryan Deutsch E-mail:
Phone #: Fax #:
Sampler(s) Name(s): Chad Bechtel

Project Name: Bridgeport Shopping Center
Street: 316 SE 123rd Ave
City: Vancouver State: WA
Project #: 12120279
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit) Start: Maximum: Stop: Minimum:
Atmoshpheric Pressure (inches of Hg) Start: Maximum: Stop: Minimum:
Other weather comment:

Requested Analysis

Standard TO-15 Reporting List (Cl2 Sol. Only)

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Standard TO-15 Reporting List (Cl2 Sol. Only)
11	B-10 SV (5)	SV	A415	1L	FC191	2/26/13	1333	-30		CB	2/26/13	1345	0		CB	X
12	B-10 SV (15)	"	A501	"	FC490	"	1404	-30		CB	"	1420	0		CB	X
13	B-11 SV (5)	"	A783	"	FC576	"	1510	-30		CB	"	1523	0		CB	X
14	B-11 SV (15)	"	A786	"	FC053	"	1544	-30		CB	"	1557	0		CB	X
15	B-12 SV (5)	"	A502	"	FC350	2/27/13	0855	-30		CB	2/27/13	0908	0		CB	X
16	B-12 SV (15)	"	A792	"	FC088	"	1015	-30		CB	"	1027	0		CB	X

Turnaround Time (Business days)

Standard - 15 Days	
10 Day	
5 Day	X
3 Day	
2 Day	
1 Day	
Other	

Approved By: Date:

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	X
Reduced T2	
Full T1	
Other:	

Comments / Remarks

* Cl2 Sol. Only = Chlorinated solvents Only

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory 1: Ray Mavromin	Date Time: 2/24/13 1130	Received By: 1 FedEx	Relinquished By: 2 FedEx	Date Time: 2/26/13 0700	Received By: 2 Chad Bechtel		
Relinquished by: 3 Chad Bechtel	Date Time: 2/27/13 1030	Received By: 3 FedEx	Relinquished By: 4 FedEx	Date Time: 2/28/13 1400	Received By: 4		
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #				

C

JB30002: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB30002 **Client:** **Project:**

Date / Time Received: 2/28/2013 **Delivery Method:** **Airbill #'s:**

Cooler Temps (Initial/Adjusted):

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			
4. No. Coolers:	0		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Summa Canister and Flow Controller Log

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Received: 02/28/13

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A426	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-1	03/01/13	RC	0			1
A505	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-2	03/01/13	RC		1		1
A521	1	29.4	02/19/13	RC	CP5971	3W32199.D	JB30002-3	03/01/13	RC		.5		1
A582	1	29.4	02/19/13	RC	CP5971	3W32199.D	JB30002-4	03/01/13	RC		1		1
A715	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-5	03/01/13	RC		1		1
A436	1	29.4	02/19/13	RC	CP5986	3W32353.D	JB30002-6	03/01/13	RC		.5		1
A801	1	29.4	02/19/13	RC	CP5987	3W32358.D	JB30002-7	03/01/13	RC		.5		1
A396	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-8	03/01/13	RC		.5		1
A799	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-9	03/01/13	RC	0			1
A383	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-10	03/01/13	RC		.5		1
A415	1	29.4	02/19/13	RC	CP5971	3W32199.D	JB30002-11	03/01/13	RC		.5		1
A501	1	29.4	02/19/13	RC	CP5970	3W32193.D	JB30002-12	03/01/13	RC	0			1
A783	1	29.4	02/19/13	RC	CP5987	3W32358.D	JB30002-13	03/01/13	RC		.5		1
A786	1	29.4	02/19/13	RC	CP5971	3W32199.D	JB30002-14	03/01/13	RC	0			1
A502	1	29.4	02/19/13	RC	CP5987	3W32358.D	JB30002-15	03/01/13	RC	0			1
A792	1	29.4	02/19/13	RC	CP5987	3W32358.D	JB30002-16	03/01/13	RC	3			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
FC053	02/19/13	RC	82	.167	03/01/13	RC	79.1
FC088	02/19/13	RC	82	.167	03/01/13	RC	82.5
FC159	02/19/13	RC	82	.167	03/01/13	RC	82.8
FC186	02/19/13	RC	82	.167	03/01/13	RC	82.2
FC191	02/19/13	RC	82	.167	03/01/13	RC	81.5
FC263	02/19/13	RC	82	.167	03/01/13	RC	83
FC286	02/19/13	RC	82	.167	03/01/13	RC	79.2
FC329	02/19/13	RC	82	.167	03/01/13	RC	82.8
FC350	02/19/13	RC	82	.167	03/01/13	RC	83.5
FC366	02/19/13	RC	82	.167	03/01/13	RC	82.9
FC376	02/19/13	RC	82	.167	03/01/13	RC	82
FC428	02/19/13	RC	82	.167	03/01/13	RC	82
FC466	02/19/13	RC	82	.167	03/01/13	RC	83.5
FC490	02/19/13	RC	82	.167	03/01/13	RC	82.6
FC514	02/19/13	RC	82	.167	03/01/13	RC	82.1
FC516	02/19/13	RC	82	.167	03/01/13	RC	82.6

Accutest Bottle Order(s):
VP-2/19/2013-2

Summa Canister and Flow Controller Log

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA
Received: 02/28/13

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min

Prep Date	Room Temp(F)	Bar Pres "Hg
02/19/13	70	29.92

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1261-MB	3W32517.D	1	03/04/13	YXC	n/a	n/a	V3W1261

The QC reported here applies to the following samples: **Method:** TO-15

JB30002-2, JB30002-4, JB30002-5, JB30002-6, JB30002-7, JB30002-8, JB30002-11, JB30002-12

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	65-128%

Method Blank Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1262-MB	3W32542.D	1	03/05/13	YXC	n/a	n/a	V3W1262

The QC reported here applies to the following samples: **Method:** TO-15

JB30002-1, JB30002-3, JB30002-9, JB30002-10, JB30002-13, JB30002-14, JB30002-15, JB30002-16

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	90%	65-128%

Method Blank Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1248-MB	3W32170.D	1	02/06/13	YXC	n/a	n/a	V3W1248

The QC reported here applies to the following samples: **Method:** TO-15

V3W1248-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	85%	65-128%

Method Blank Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1249-MB	3W32198.D	1	02/07/13	YXC	n/a	n/a	V3W1249

The QC reported here applies to the following samples: **Method:** TO-15

V3W1249-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	65-128%

Method Blank Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1255-MB	3W32352.D	1	02/15/13	YXC	n/a	n/a	V3W1255

The QC reported here applies to the following samples: **Method:** TO-15

V3W1255-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	89%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1261-BS	3W32515.D	1	03/04/13	YXC	n/a	n/a	V3W1261
V3W1261-BSD	3W32516.D	1	03/04/13	YXC	n/a	n/a	V3W1261

The QC reported here applies to the following samples: **Method:** TO-15

JB30002-2, JB30002-4, JB30002-5, JB30002-6, JB30002-7, JB30002-8, JB30002-11, JB30002-12

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	10	8.4	84	9.0	90	7	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.8	98	10.6	106	8	70-130/30
76-13-1	Freon 113	10	9.7	97	10.2	102	5	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.2	82	8.9	89	8	70-130/30
127-18-4	Tetrachloroethylene	10	9.4	94	9.9	99	5	70-130/30
79-01-6	Trichloroethylene	10	8.4	84	9.0	90	7	70-130/30
75-01-4	Vinyl chloride	10	9.6	96	9.7	97	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	112%	112%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1262-BS	3W32540.D	1	03/05/13	YXC	n/a	n/a	V3W1262
V3W1262-BSD	3W32541.D	1	03/05/13	YXC	n/a	n/a	V3W1262

The QC reported here applies to the following samples: **Method:** TO-15

JB30002-1, JB30002-3, JB30002-9, JB30002-10, JB30002-13, JB30002-14, JB30002-15, JB30002-16

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	10	8.4	84	8.5	85	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.9	99	10	100	1	70-130/30
76-13-1	Freon 113	10	9.3	93	9.4	94	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.4	84	8.4	84	0	70-130/30
127-18-4	Tetrachloroethylene	10	8.7	87	8.9	89	2	70-130/30
79-01-6	Trichloroethylene	10	8.5	85	8.4	84	1	70-130/30
75-01-4	Vinyl chloride	10	9.8	98	10.3	103	5	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	109%	111%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1248-BS	3W32168.D	1	02/06/13	YXC	n/a	n/a	V3W1248
V3W1248-BSD	3W32169.D	1	02/06/13	YXC	n/a	n/a	V3W1248

The QC reported here applies to the following samples: **Method:** TO-15

V3W1248-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	10	8.2	82	7.7	77	6	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.1	91	8.6	86	6	70-130/30
76-13-1	Freon 113	10	8.6	86	8.1	81	6	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.1	81	7.6	76	6	70-130/30
127-18-4	Tetrachloroethylene	10	8.4	84	8.1	81	4	70-130/30
79-01-6	Trichloroethylene	10	8.1	81	7.7	77	5	70-130/30
75-01-4	Vinyl chloride	10	8.9	89	9.5	95	7	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	108%	109%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1249-BS	3W32196.D	1	02/07/13	YXC	n/a	n/a	V3W1249
V3W1249-BSD	3W32197.D	1	02/07/13	YXC	n/a	n/a	V3W1249

The QC reported here applies to the following samples: **Method:** TO-15

V3W1249-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	10	8.7	87	8.5	85	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.6	96	9.3	93	3	70-130/30
76-13-1	Freon 113	10	8.9	89	8.8	88	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.5	85	8.3	83	2	70-130/30
127-18-4	Tetrachloroethylene	10	8.9	89	8.8	88	1	70-130/30
79-01-6	Trichloroethylene	10	8.6	86	8.6	86	0	70-130/30
75-01-4	Vinyl chloride	10	10.1	101	9.5	95	6	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	105%	105%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1255-BS	3W32350.D	1	02/15/13	YXC	n/a	n/a	V3W1255
V3W1255-BSD	3W32351.D	1	02/15/13	YXC	n/a	n/a	V3W1255

The QC reported here applies to the following samples: **Method:** TO-15

V3W1255-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	10	8.4	84	8.6	86	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.0	90	9.2	92	2	70-130/30
76-13-1	Freon 113	10	9.2	92	9.3	93	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.1	81	8.2	82	1	70-130/30
127-18-4	Tetrachloroethylene	10	9.1	91	9.4	94	3	70-130/30
79-01-6	Trichloroethylene	10	8.1	81	8.2	82	1	70-130/30
75-01-4	Vinyl chloride	10	8.6	86	8.7	87	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	113%	113%	65-128%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB30002-4DUP	3W32525.D	1	03/04/13	YXC	n/a	n/a	V3W1261
JB30002-4	3W32524.D	1	03/04/13	YXC	n/a	n/a	V3W1261

The QC reported here applies to the following samples: **Method:** TO-15

JB30002-2, JB30002-4, JB30002-5, JB30002-6, JB30002-7, JB30002-8, JB30002-11, JB30002-12

CAS No.	Compound	JB30002-4 ppbv	Q	DUP ppbv	Q	RPD	Limits
56-23-5	Carbon tetrachloride	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
76-13-1	Freon 113	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
127-18-4	Tetrachloroethylene	0.74		0.67		10	17
79-01-6	Trichloroethylene	ND		ND		nc	13
75-01-4	Vinyl chloride	ND		ND		nc	20

CAS No.	Surrogate Recoveries	DUP	JB30002-4	Limits
460-00-4	4-Bromofluorobenzene	94%	95%	65-128%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB30002-13DUP	3W32551.D	1	03/05/13	YXC	n/a	n/a	V3W1262
JB30002-13	3W32550.D	1	03/05/13	YXC	n/a	n/a	V3W1262

The QC reported here applies to the following samples: **Method:** TO-15

JB30002-1, JB30002-3, JB30002-9, JB30002-10, JB30002-13, JB30002-14, JB30002-15, JB30002-16

CAS No.	Compound	JB30002-13 ppbv	Q	DUP ppbv	Q	RPD	Limits
56-23-5	Carbon tetrachloride	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
76-13-1	Freon 113	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
127-18-4	Tetrachloroethylene	23.6		23.3		1	17
79-01-6	Trichloroethylene	ND		ND		nc	13
75-01-4	Vinyl chloride	ND		ND		nc	20

CAS No.	Surrogate Recoveries	DUP	JB30002-13	Limits
460-00-4	4-Bromofluorobenzene	113%	114%	65-128%

* = Outside of Control Limits.

Summa Cleaning Certification

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1248-SCC	3W32193.D	1	02/07/13	YXC	n/a	n/a	V3W1248

The QC reported here (Summa A577) applies to the following samples: **Method:** TO-15

Batch CP5970 cleaned 02/01/13: JB30002-1(A426), JB30002-2(A505), JB30002-5(A715), JB30002-8(A396), JB30002-9(A799), JB30002-10(A383), JB30002-12(A501)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	80%	65-128%

Summa Cleaning Certification

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1249-SCC	3W32199.D	1	02/07/13	YXC	n/a	n/a	V3W1249

The QC reported here (Summa A386) applies to the following samples: **Method:** TO-15

Batch CP5971 cleaned 02/01/13: JB30002-3(A521), JB30002-4(A582), JB30002-11(A415), JB30002-14(A786)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	65-128%

Summa Cleaning Certification

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1255-SCC	3W32353.D	1	02/15/13	YXC	n/a	n/a	V3W1255

The QC reported here (Summa A793) applies to the following samples: **Method:** TO-15

Batch CP5986 cleaned 02/08/13: JB30002-6(A436)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	90%	65-128%

Summa Cleaning Certification

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1255-SCC	3W32358.D	1	02/15/13	YXC	n/a	n/a	V3W1255

The QC reported here (Summa A424) applies to the following samples: **Method:** TO-15

Batch CP5987 cleaned 02/08/13: JB30002-7(A801), JB30002-13(A783), JB30002-15(A502), JB30002-16(A792)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
56-23-5	Carbon tetrachloride	ND	0.20	0.020	ppbv		ND	1.3	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	ug/m3
76-13-1	Freon 113	ND	0.20	0.028	ppbv		ND	1.5	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.024	ppbv		ND	0.27	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.036	ppbv		ND	0.21	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.022	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	65-128%

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1230-BFB
Lab File ID: 3W31646.D
Instrument ID: GCMS3W
Injection Date: 01/10/13
Injection Time: 18:34

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	18543	17.3		Pass
75	30.0 - 66.0% of mass 95	47640	44.5		Pass
95	Base peak, 100% relative abundance	106938	100.0		Pass
96	5.0 - 9.0% of mass 95	6923	6.47		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	95336	89.2		Pass
175	4.0 - 9.01% of mass 174	7257	6.79	(7.61) [a]	Pass
176	93.0 - 101.0% of mass 174	93208	87.2	(97.8) [a]	Pass
177	5.0 - 9.0% of mass 176	6140	5.74	(6.59) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1230-IC1230	3W31647.D	01/10/13	19:13	00:39	Initial cal 0.5
V3W1230-IC1230	3W31648.D	01/10/13	19:51	01:17	Initial cal 0.2
V3W1230-IC1230	3W31649.D	01/10/13	20:30	01:56	Initial cal 15
V3W1230-ICC1230	3W31650.D	01/10/13	21:08	02:34	Initial cal 10
V3W1230-IC1230	3W31651.D	01/10/13	21:46	03:12	Initial cal 5
V3W1230-IC1230	3W31654.D	01/10/13	23:42	05:08	Initial cal 20
V3W1230-IC1230	3W31655.D	01/11/13	00:22	05:48	Initial cal 40
V3W1230-IC1230	3W31658.D	01/11/13	10:02	15:28	Initial cal 0.1
V3W1230-IC1230	3W31659.D	01/11/13	10:41	16:07	Initial cal 0.04

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1248-BFB
Lab File ID: 3W32166.D
Instrument ID: GCMS3W
Injection Date: 02/06/13
Injection Time: 08:57

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13927	17.8		Pass
75	30.0 - 66.0% of mass 95	34381	43.9		Pass
95	Base peak, 100% relative abundance	78373	100.0		Pass
96	5.0 - 9.0% of mass 95	5614	7.16		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	71208	90.9		Pass
175	4.0 - 9.01% of mass 174	5508	7.03	(7.74) [a]	Pass
176	93.0 - 101.0% of mass 174	68901	87.9	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	4635	5.91	(6.73) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1248-CC1230	3W32167.D	02/06/13	09:35	00:38	Continuing cal 10
V3W1248-BS	3W32168.D	02/06/13	10:14	01:17	Blank Spike
V3W1248-BSD	3W32169.D	02/06/13	11:00	02:03	Blank Spike Duplicate
V3W1248-MB	3W32170.D	02/06/13	12:29	03:32	Method Blank
V3W1248-SCC	3W32171.D	02/06/13	13:10	04:13	Summa Cleaning Certification
V3W1248-SCC	3W32176.D	02/06/13	16:59	08:02	Summa Cleaning Certification
ZZZZZZ	3W32177.D	02/06/13	17:39	08:42	(unrelated sample)
JB27870-1	3W32178.D	02/06/13	18:20	09:23	(used for QC only; not part of job JB30002)
JB27870-1DUP	3W32179.D	02/06/13	18:59	10:02	Duplicate
V3W1248-SCC	3W32185.D	02/06/13	23:05	14:08	Summa Cleaning Certification
ZZZZZZ	3W32186.D	02/06/13	23:44	14:47	(unrelated sample)
V3W1248-SCC	3W32193.D	02/07/13	04:28	19:31	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1249-BFB
Lab File ID: 3W32194.D
Instrument ID: GCMS3W
Injection Date: 02/07/13
Injection Time: 09:09

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13260	17.8		Pass
75	30.0 - 66.0% of mass 95	33538	45.0		Pass
95	Base peak, 100% relative abundance	74464	100.0		Pass
96	5.0 - 9.0% of mass 95	5078	6.82		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	66754	89.6		Pass
175	4.0 - 9.01% of mass 174	5187	6.97	(7.77) [a]	Pass
176	93.0 - 101.0% of mass 174	66229	88.9	(99.2) [a]	Pass
177	5.0 - 9.0% of mass 176	4340	5.83	(6.55) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1249-CC1230	3W32195.D	02/07/13	09:54	00:45	Continuing cal 10
V3W1249-BS	3W32196.D	02/07/13	10:59	01:50	Blank Spike
V3W1249-BSD	3W32197.D	02/07/13	11:39	02:30	Blank Spike Duplicate
V3W1249-MB	3W32198.D	02/07/13	13:16	04:07	Method Blank
V3W1249-SCC	3W32199.D	02/07/13	14:08	04:59	Summa Cleaning Certification
JB28163-1	3W32204.D	02/07/13	17:27	08:18	(used for QC only; not part of job JB30002)
JB28163-1DUP	3W32205.D	02/07/13	18:09	09:00	Duplicate
ZZZZZZ	3W32206.D	02/07/13	18:48	09:39	(unrelated sample)
ZZZZZZ	3W32207.D	02/07/13	19:27	10:18	(unrelated sample)
V3W1249-SCC	3W32208.D	02/07/13	20:08	10:59	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1255-BFB
Lab File ID: 3W32348.D
Instrument ID: GCMS3W
Injection Date: 02/15/13
Injection Time: 09:10

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13911	17.0		Pass
75	30.0 - 66.0% of mass 95	36674	44.8		Pass
95	Base peak, 100% relative abundance	81877	100.0		Pass
96	5.0 - 9.0% of mass 95	5634	6.88		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	80096	97.8		Pass
175	4.0 - 9.01% of mass 174	6200	7.57	(7.74) [a]	Pass
176	93.0 - 101.0% of mass 174	77512	94.7	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	5127	6.26	(6.61) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1255-CC1230	3W32349.D	02/15/13	09:49	00:39	Continuing cal 10
V3W1255-BS	3W32350.D	02/15/13	10:37	01:27	Blank Spike
V3W1255-BSD	3W32351.D	02/15/13	11:45	02:35	Blank Spike Duplicate
V3W1255-MB	3W32352.D	02/15/13	13:16	04:06	Method Blank
V3W1255-SCC	3W32353.D	02/15/13	14:21	05:11	Summa Cleaning Certification
ZZZZZZ	3W32354.D	02/15/13	15:01	05:51	(unrelated sample)
ZZZZZZ	3W32355.D	02/15/13	15:40	06:30	(unrelated sample)
ZZZZZZ	3W32356.D	02/15/13	16:20	07:10	(unrelated sample)
ZZZZZZ	3W32357.D	02/15/13	16:59	07:49	(unrelated sample)
V3W1255-SCC	3W32358.D	02/15/13	17:40	08:30	Summa Cleaning Certification
ZZZZZZ	3W32359.D	02/15/13	18:19	09:09	(unrelated sample)
ZZZZZZ	3W32360.D	02/15/13	18:58	09:48	(unrelated sample)
JB28757-1	3W32361.D	02/15/13	19:39	10:29	(used for QC only; not part of job JB30002)
JB28757-1DUP	3W32362.D	02/15/13	20:20	11:10	Duplicate
ZZZZZZ	3W32363.D	02/15/13	21:00	11:50	(unrelated sample)
ZZZZZZ	3W32364.D	02/15/13	21:40	12:30	(unrelated sample)
ZZZZZZ	3W32365.D	02/15/13	22:20	13:10	(unrelated sample)
ZZZZZZ	3W32366.D	02/15/13	23:01	13:51	(unrelated sample)
ZZZZZZ	3W32367.D	02/15/13	23:42	14:32	(unrelated sample)
V3W1255-SCC	3W32368.D	02/16/13	00:23	15:13	Summa Cleaning Certification
ZZZZZZ	3W32369.D	02/16/13	01:05	15:55	(unrelated sample)
ZZZZZZ	3W32370.D	02/16/13	01:46	16:36	(unrelated sample)
ZZZZZZ	3W32371.D	02/16/13	02:27	17:17	(unrelated sample)
ZZZZZZ	3W32372.D	02/16/13	03:08	17:58	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1255-BFB
Lab File ID: 3W32348.D
Instrument ID: GCMS3W
Injection Date: 02/15/13
Injection Time: 09:10

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	3W32373.D	02/16/13	03:49	18:39	(unrelated sample)
ZZZZZZ	3W32374.D	02/16/13	04:30	19:20	(unrelated sample)
ZZZZZZ	3W32375.D	02/16/13	05:11	20:01	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1261-BFB
Lab File ID: 3W32512.D
Instrument ID: GCMS3W
Injection Date: 03/04/13
Injection Time: 09:28

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	18135	22.4		Pass
75	30.0 - 66.0% of mass 95	40626	50.2		Pass
95	Base peak, 100% relative abundance	80880	100.0		Pass
96	5.0 - 9.0% of mass 95	5896	7.29		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	68984	85.3		Pass
175	4.0 - 9.01% of mass 174	5649	6.98	(8.19) [a]	Pass
176	93.0 - 101.0% of mass 174	67829	83.9	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4255	5.26	(6.27) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1261-CC1230	3W32514.D	03/04/13	10:50	01:22	Continuing cal 10
V3W1261-BS	3W32515.D	03/04/13	12:47	03:19	Blank Spike
V3W1261-BSD	3W32516.D	03/04/13	14:16	04:48	Blank Spike Duplicate
V3W1261-MB	3W32517.D	03/04/13	15:37	06:09	Method Blank
ZZZZZZ	3W32518.D	03/04/13	16:41	07:13	(unrelated sample)
V3W1261-SCC	3W32519.D	03/04/13	17:23	07:55	Summa Cleaning Certification
ZZZZZZ	3W32520.D	03/04/13	18:03	08:35	(unrelated sample)
JB30002-2	3W32522.D	03/04/13	19:21	09:53	B-6 SV(5)
JB30002-4	3W32524.D	03/04/13	20:41	11:13	B-6 SV(15)
JB30002-4DUP	3W32525.D	03/04/13	21:22	11:54	Duplicate
JB30002-5	3W32527.D	03/04/13	22:44	13:16	B-7 SV(5)
JB30002-6	3W32528.D	03/04/13	23:24	13:56	B-7 SV(15)
JB30002-7	3W32529.D	03/05/13	00:05	14:37	B-8 SV(5)
JB30002-8	3W32530.D	03/05/13	00:46	15:18	B-8 SV(15)
JB30002-11	3W32533.D	03/05/13	02:45	17:17	B-10 SV(5)
JB30002-12	3W32534.D	03/05/13	03:23	17:55	B-10 SV(15)

Instrument Performance Check (BFB)

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Sample: V3W1262-BFB
Lab File ID: 3W32538.D
Instrument ID: GCMS3W
Injection Date: 03/05/13
Injection Time: 08:36

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	16075	18.0		Pass
75	30.0 - 66.0% of mass 95	40053	44.8		Pass
95	Base peak, 100% relative abundance	89424	100.0		Pass
96	5.0 - 9.0% of mass 95	6159	6.89		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	85370	95.5		Pass
175	4.0 - 9.01% of mass 174	6321	7.07	(7.40) [a]	Pass
176	93.0 - 101.0% of mass 174	84362	94.3	(98.8) [a]	Pass
177	5.0 - 9.0% of mass 176	5604	6.27	(6.64) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1262-CC1230	3W32539.D	03/05/13	09:16	00:40	Continuing cal 10
V3W1262-BS	3W32540.D	03/05/13	09:55	01:19	Blank Spike
V3W1262-BSD	3W32541.D	03/05/13	10:35	01:59	Blank Spike Duplicate
V3W1262-MB	3W32542.D	03/05/13	12:04	03:28	Method Blank
V3W1262-SCC	3W32543.D	03/05/13	12:45	04:09	Summa Cleaning Certification
ZZZZZZ	3W32544.D	03/05/13	13:23	04:47	(unrelated sample)
JB30002-1	3W32545.D	03/05/13	14:02	05:26	B-5 SV(5)
JB30002-3	3W32546.D	03/05/13	14:41	06:05	B-5 SV(15)
JB30002-9	3W32547.D	03/05/13	15:20	06:44	B-9 SV(5)
JB30002-10	3W32549.D	03/05/13	16:40	08:04	B-9 SV(15)
JB30002-13	3W32550.D	03/05/13	17:19	08:43	B-11 SV(5)
JB30002-13DUP	3W32551.D	03/05/13	17:58	09:22	Duplicate
JB30002-14	3W32552.D	03/05/13	18:37	10:01	B-11 SV(15)
ZZZZZZ	3W32553.D	03/05/13	19:16	10:40	(unrelated sample)
ZZZZZZ	3W32554.D	03/05/13	19:55	11:19	(unrelated sample)
V3W1262-SCC	3W32555.D	03/05/13	20:36	12:00	Summa Cleaning Certification
ZZZZZZ	3W32559.D	03/05/13	23:17	14:41	(unrelated sample)
JB30002-15	3W32560.D	03/05/13	23:56	15:20	B-12 SV(5)
JB30002-16	3W32561.D	03/06/13	00:35	15:59	B-12 SV(15)
ZZZZZZ	3W32562.D	03/06/13	01:16	16:40	(unrelated sample)
ZZZZZZ	3W32563.D	03/06/13	01:57	17:21	(unrelated sample)
ZZZZZZ	3W32564.D	03/06/13	02:38	18:02	(unrelated sample)
ZZZZZZ	3W32565.D	03/06/13	03:18	18:42	(unrelated sample)
ZZZZZZ	3W32566.D	03/06/13	03:57	19:21	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JB30002-1	3W32545.D	112.0
JB30002-2	3W32522.D	94.0
JB30002-3	3W32546.D	111.0
JB30002-4	3W32524.D	95.0
JB30002-5	3W32527.D	93.0
JB30002-6	3W32528.D	92.0
JB30002-7	3W32529.D	94.0
JB30002-8	3W32530.D	95.0
JB30002-9	3W32547.D	114.0
JB30002-10	3W32549.D	109.0
JB30002-11	3W32533.D	93.0
JB30002-12	3W32534.D	95.0
JB30002-13	3W32550.D	114.0
JB30002-14	3W32552.D	111.0
JB30002-15	3W32560.D	112.0
JB30002-16	3W32561.D	109.0
JB30002-13DUP	3W32551.D	113.0
JB30002-4DUP	3W32525.D	94.0
V3W1248-SCC	3W32193.D	80.0
V3W1249-SCC	3W32199.D	87.0
V3W1255-SCC	3W32353.D	90.0
V3W1255-SCC	3W32358.D	87.0
V3W1261-BS	3W32515.D	112.0
V3W1261-BSD	3W32516.D	112.0
V3W1261-MB	3W32517.D	91.0
V3W1262-BS	3W32540.D	109.0
V3W1262-BSD	3W32541.D	111.0
V3W1262-MB	3W32542.D	90.0
V3W1248-BS	3W32168.D	108.0
V3W1248-BSD	3W32169.D	109.0
V3W1248-MB	3W32170.D	85.0
V3W1249-BS	3W32196.D	105.0
V3W1249-BSD	3W32197.D	105.0
V3W1249-MB	3W32198.D	87.0
V3W1255-BS	3W32350.D	113.0
V3W1255-BSD	3W32351.D	113.0
V3W1255-MB	3W32352.D	89.0

Volatile Surrogate Recovery Summary

Job Number: JB30002
Account: EBIMAB EBI Consulting
Project: Bridgeport Shopping Center, 316 SE 123rd Avenue, Vancouver, WA

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Surrogate Compounds	Recovery Limits

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

APPENDIX D
OTHER RELEVANT DOCUMENTATION

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

November 20, 2012

Mr. David E. Hamilton
Norris & Stevens Receiver for Bridgeport Retail Center
621 SW Morrison Suite 800
Portland OR 97205

Dear Mr. Hamilton:

Your complete application for the Voluntary Cleanup Program (VCP) was accepted on November 19, 2012. The purpose of this letter is to acknowledge receipt of your application and to provide you with the name of the Site manager assigned to your cleanup site.

Site Name:	Royal Shine Cleaners
Site Manager:	Hans Qiu
VCP Identification:	SW1262

Our database has been updated to reflect your participation in the Voluntary Cleanup Program. I have enclosed a signed copy of the VCP agreement for this project for your records. If you have any questions, your Site Manager can be reached at 360-407-6265.

I need to advise you of our new Data Submittal Requirements defined in Policy 840 (enclosed). This policy mandates that all Environmental Monitoring Data generated during Contaminate Site Investigation and Cleanup activities shall be required to be submitted to Ecology in both written and electronic format. Policy Item #3 (attached) applies to the Voluntary Cleanup Program and reads: *"All reports on Independent Remedial Actions submitted after October 1, 2005, under Ecology's VCP program shall not be reviewed until the data have been submitted in compliance with this policy."* Questions regarding this policy and how it affects your Voluntary Cleanup Program project can be discussed with your site manager.

Thank you for your commitment to the environment and the Voluntary Cleanup Program.

Sincerely,

Scott Rose, L.G.
Acting VCP Unit Manager
Southwest Regional Office
Toxics Cleanup Program

SR/ksc:acceptance letter SW1262

Enclosures

cc: Richard George, EBI
Hans Qiu, Ecology
Dolores Mitchell, Ecology