Report
Supplemental Remedial Investigation
Former American Linen Site
771 Valley Street
Seattle, Washington

July 8, 2002

For
American Linen

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SUPPLEMENTAL REMEDIAL INVESTIGATION
FORMER AMERICAN LINEN SITE
771 VALLEY STREET
SEATTLE, WASHINGTON
FOR
AMERICAN LINEN

1.0 INTRODUCTION

This report presents the results of our subsurface explorations and ground water monitoring services completed at the former American Linen site. The subject site is located at 771 Valley Street in Seattle, Washington. The site consists of the entire block within Valley Street, 8th Avenue North, Roy Street and Dexter Avenue North. The site location in relation to surrounding physical features is shown in the Vicinity Map, Figure 1. The site layout is shown in the attached Figure 2.

2.0 BACKGROUND

2.1 SITE USE HISTORY

The site currently is owned by American Linen Supply. Currently Merlino Baking Company, AutoHound, Huletz Auto and other tenants occupy the site. A two and three-story structure occupies the southeast, southwest and northwest quadrants of the site. This mostly contiguous structure was constructed in three separate phases; in 1927, 1947 and 1967. The building was used as an industrial laundry facility from the 1920s through the 1980s. We understand that dry cleaning solvents were used in three dry cleaning machines during the early 1980s. Based on our conversations with David Maryatt, a valve on one of the machines is alleged to have leaked causing a release of perchloroethylene (PCE, a.k.a. tetrachloroethylene) that impacted subsurface soil and ground water beneath the site. A PCE-contaminated ground water plume including PCEs breakdown products [trichloroethene (TCE) and vinyl chloride (VC)] extends offsite to the southeast based on ground water testing results from monitoring wells installed by others.

Soil and ground water beneath portions of the site also contain residual petroleum hydrocarbons that appear to be less extensive than the solvent contamination. Sources of confirmed and/or suspected petroleum hydrocarbons at the site include: (1) a former service station located in the northwest corner of the site, (2) former gasoline USTs and dispensers located in the northeast corner of the site and (3) four diesel/fuel oil USTs located in the southwest quadrant of the site. We understand that the diesel/fuel oil USTs were used to power a boiler that was used at the site from the 1940s to the 1980s. We further understand that diesel/fuel oil remains in these USTs. The USTs and dispensers related to the fueling facilities at the northeast corner of the site have been removed. However, it is unknown whether a remedial action to remove contaminated soil was completed in this area. It is likely that the UST facilities and petroleum-contaminated soil, if any, in the northwest corner of the site were removed during the construction phase of the existing building.

2.2 PREVIOUS STUDIES

Two site characterization studies were previously completed at the site. (1) A study completed by Roux Associates in 1992 on behalf of Cintas Corporation (a potential property purchaser) and (2) A study, dated July 12, 2000, completed by ThermoRetec on behalf of Nexus Properties (a potential property purchaser). The Roux study consisted of installation of six ground water monitoring wells on and adjacent to the site and follow-up ground water testing by Roux Associates and by Dalton Olmstead & Fuglevand who represented American Linen at the time. The ThermoRetec study consisted of the completion of 10 direct-push soil borings with soil and ground water testing.

Key results from these studies are summarized below:

- The monitoring wells and borings for these studies were constructed in the upper, shallow, unconfined aquifer. Ground water was generally observed in the wells at elevations of 30 to 35 feet relative to mean sea level (These elevations are based on topographic contours represented on City of Seattle GIS department orthophotos. The contours are based on the City of Seattle datum). The ground water flow direction of the upper aquifer is to the southeast. It appears that none of the monitoring wells or direct-push borings were constructed in the lower, semi-confined aquifer. Boring and monitoring well locations are presented in figures presented in each of these previous reports.
- Petroleum hydrocarbons were identified in ground water samples obtained from MW-1 through MW-5 with the highest concentrations observed in MW-1 through MW-3.
- Solvents (PCE and degradation compounds TCE and VC) were identified in ground water samples obtained from monitoring wells MW-1, MW-4 and MW-6 and direct-push borings B-2, B-6, B-7, B-9 and B-10. The highest PCE concentrations in ground water were observed in B-2, B-7, B-9 and B-10 [21,000 to 120,000 micrograms per liter (µg/l)]. The locations of these explorations were either in the vicinity of the former dry cleaning machines or downgradient to the southeast. The highest PCE concentration detected in ground water samples from the six monitoring wells was in MW-6 (690 µg/l). This well is located at the southeast corner of the site.
- PCE was detected at concentrations exceeding MTCA Method A cleanup levels in soil samples from the following direct-push borings: B-2 [11 feet below ground surface (bgs)], B-6 (18 feet bgs), B-8 (8 feet bgs), B-9 (4 and 8 feet bgs). Apparently, no soil samples were obtained during the 1992 Roux study. The ThermoRetec study speculated that at least one soil sample (B-9-4) had concentrations that may classify as a dangerous waste based on TCLP testing criteria.

Two other (off-site) studies that we reviewed assisted us in establishing the scope of services for the supplemental remedial investigation for the site. These reports included a geotechnical report by HWA Geosciences Inc dated November 20, 1998. This report provided valuable geologic and hydrogeologic information along Roy Street (south of the site). The study was completed as part of the Denny Way/Lake Union CSO Pipeline project. This report documented the presence of the second, lower, semi-confined aquifer beneath the site area at depths of 25 to

35 feet bgs. Based on GeoEngineers' current study it appears that 15 feet of lower permeability silt and silty sand could separate the two aquifers. However, it is also possible that the aquifers may interconnect beneath portions of the site. The second report was a Phase II ESA dated September 1998 by Black & Veatch for the Denny Way/Lake Union CSO Pipeline project. This report included the installation of ground water monitoring wells south and southeast of the subject site. Solvents were detected in ground water samples obtained from several of the monitoring wells located south and southeast of the subject site based on this study. For example concentrations of PCE ranging from 11,000 down to less than 2 micrograms per liter and concentrations of VC ranging from 380 down to less than 2 micrograms per liter were observed in wells installed within Roy Street between 8th and 9th Avenues North.

3.0 PURPOSE

The purpose of the supplemental remedial investigation is to address data gaps and further evaluate site conditions at two locations at the site: (1) immediately downgradient of the former dry cleaning machines, and (2) about 125 feet downgradient of the dry cleaning machines. The first downgradient location was selected to identify the depth of contaminated soil and to evaluate for the potential presence of DNAPL. The second downgradient location is southeast of direct-push boring B-9 where the highest concentrations of solvent-contaminated soil and ground water were identified. The data gaps to be evaluated as part of this study include: (1) the vertical extent of solvent contaminated soil, (2) an evaluation of ground water quality in the deep aquifer beneath the site, (3) the potential for excavated soil to be classified as dangerous waste (DW), and (4) the potential presence of DNAPL. To evaluate the potential for DNAPL in the shallow and/or deep aquifers, the strategy selected was to install both shallow and deep wells at the location where the highest evidence of solvent contamination was identified based on field screening. Because the focus of this phase of work was to establish "order of magnitude" remedial action cost estimates, this phase of services did not focus on: (1) the potential for petroleum hydrocarbon contamination, (2) establishing the lateral extent of solvent-contaminated soil, or (3) re-evaluating ground water concentrations in existing monitoring wells. The following table describes the purpose, strategy and testing program completed during this phase of work. Additional details are described in Section 4.0.

Boring No.	Environmental Concern	Purpose[1]			Media To Be Tested	Chemical of Concern
		Extent	DW	DNAPL		
MW-1 & MW-2 (shallow & deep)	Former dry cleaning machines	√	√	√	Soil and ground water	PCE, TCE, VC
		Evaluate vertical extent of solvent contaminated soil immediately downgradient of former dry cleaning machines. Test most contaminated sample identified by TCLP. Characterize dangerous waste potential. Install shallow and deep wells. Measure depth and thickness of DNAPL, if present.				

Boring No.	Environmental Concern	Purpose[1]			Media To Be Tested	Chemical of Concern
		Extent	DW	DNAPL		
SB-4 & MW-3 (1 boring & 1 deep well)	Former dry cleaning machines and drain	√	√	√	Soil and ground water	PCE, TCE, VC
		Evaluate potential presence of solvent contaminated soil downgradient of former dry cleaning machines and drain. Confirm solvent concentration in vicinity of B-9. If significant solvent contamination is detected, test sample by TCLP. Characterize dangerous waste potential. Install deep well. Measure depth and thickness of DNAPL, if present.				

4.0 SCOPE OF SERVICES

Our scope of services for the supplemental remedial investigation consisted of the following:

1. Prepare a site safety plan for use by GeoEngineers field representatives.
2. Arrange for a utility check of the site using the one-call service and a subcontracted utility locating service.
3. Monitor the drilling of four exploratory borings at two selected locations at the site using hollow-stem auger drilling equipment. Borings were drilled to depths between 18 and 38 feet bgs for the purpose of installing shallow and deep monitoring wells and for obtaining soil samples at depths greater than 18 feet bgs. These depths were selected because: 1) PCE was detected in soil at 18 feet bgs in direct-push boring B-6; 2) a deeper aquifer is present at approximately 30 feet bgs based on nearby off-site explorations; and 3) a semi-permeable sand layer underlain by less permeable glacial till (possible aquitard) is present between about 30 and 40 feet bgs.
4. Obtain soil samples at approximately 2.5-foot-depth intervals from the exploratory borings for field screening of volatile organic compounds and petroleum hydrocarbons.
5. Submit selected soil samples from each boring for chemical analyses of Environmental Protection Agency (EPA) Method 8260B. Submitted the most contaminated soil sample from two of the borings for Toxicity Characteristic Leaching Procedure (TCLP) using EPA Method 8260B.
6. Construct monitoring wells in three of the borings using 1-1/4-inch diameter PVC casing. Two wells were screened within the lower aquifer at depths between 25 and 35 feet bgs. A third well was screened within the shallow aquifer at depths between 8 and 18 feet bgs.
7. Obtain ground water samples from GMW-1 through GMW-3 for the chemical analyses of EPA Method 8260B.
8. Measure the organic vapor concentration in each monitoring well casing using a Microtip™ Photoionization detector.
9. Evaluate the field and laboratory data with regard to MTCA cleanup levels.

applicable for this site if cleanup levels other than Method A are utilized and/or residual concentrations of contaminants in soil and/or ground water remain beneath the site. The type of site development/use planned at this site may also influence the need for vapor testing and/or a vapor risk analysis.

- **Ecological Evaluation** - An ecological exclusion evaluation is presented in this study.
- **Points of Compliance** - Standard points of compliance will be referenced. Standard points of compliance for each media are defined as throughout the site. It is possible that conditional points of compliance could be negotiated with Ecology for this site for certain media. However, more information will be required related to the off-site extent of contaminants, future site use and relationship of contaminated media (soil, ground water, surface water and air) before conditional points of compliance can be considered.

6.0 SUBSURFACE EXPLORATION RESULTS

6.1 GENERAL

GeoEngineers monitored the drilling and completion of monitoring wells MW-1 through MW-3 and SB-4 between July 18 and July 20, 2001. Monitoring wells MW-1 and MW-2 are located within the northwest quadrant of the building (Huletz Auto Electric) and MW-3 and SB-4 are located within the southeast quadrant (parking garage) of the on-site building. The approximate locations of the monitoring wells and soil boring are shown in Figure 2.

A representative of GeoEngineers observed the drilling, logged the soil encountered and obtained representative soil samples for chemical analytical testing from one boring at each location; Huletz Auto (MW-1) and parking garage (SB-4). These two borings were drilled in areas located downgradient (southeast) of the former dry cleaning machines (alleged source of PCE contamination) and previously documented PCE contaminated soil and ground water. The purpose of these borings was to evaluate vertical and lateral extent of contamination and to supplement results from previous site characterization studies. Additionally, the purpose of these borings was to identify the depth and thickness of the lower, semi-confined aquifer and to install ground water monitoring wells with well screen within the lower aquifer. Because there were difficulties installing a well in boring SB-4, this boring was abandoned and a subsequent boring was drilled and well (MW-3) installed at this location. Both MW-1 and MW-3 were installed to depths down to about 35 feet bgs, the approximate base of the lower aquifer. Finally, a shallow well (MW-2) was installed into the upper, unconfined aquifer in the area immediately downgradient (southeast) of the former dry cleaning machines adjacent to MW-1. This area was selected for installation of the shallow well because soil exhibited the highest evidence of contamination based on field screening at this location. The purpose of this well is to evaluate ground water conditions and the potential for DNAPL in the shallow aquifer in the immediate vicinity of the alleged release of PCE.

Boring logs and monitoring well construction records for MW-1, MW-2, MW-3 and SB-4 are presented in Appendix A. Chemical analytical data for the soil samples are summarized in

Table 1. Chemical analytical data and our review of laboratory quality control (QC) documentation are included in Appendix B.

6.2 SOIL

The soil borings encountered approximately 6 feet of fill beneath 5 inches of surface concrete. The fill is comprised of medium dense silty sand and varying amounts of gravel, bricks and glass. Native soil beneath the fill can be divided into upper and lower zones separated by a very stiff to hard silt located between about 17 and 20 feet bgs. This silt horizon was present in both borings (MW-1 and SB-4) and may separate an upper, unconfined aquifer from a lower, semi-confined aquifer. Soil above the silt horizon consists of medium dense silty fine sand and silty gravel layers. Soil below the silt horizon consists of interlayed very dense to hard silty fine sand and silt layers. A lower hard silt layer was present in boring MW-1 at a depth of 35 to 38 feet bgs and in boring SB-4 at a depth of 36 to 38 feet bgs. This silt layer may represent a lower boundary of a lower aquifer beneath the site.[1]

6.2.1 Volatile Organic Compounds (VOCs)

Field screening results indicated evidence of volatile organic compounds at various depths and concentrations throughout each of the borings (see Table 1 and Boring Logs MW-1 and SB-4).

PCE was detected in soil at concentrations exceeding the MTCA Method A cleanup level [0.05 milligrams per kilograms (mg/kg)] in all the soil samples that we submitted from both borings (MW-1 and SB-4). The soil samples were submitted from depths between 8 and 38 feet bgs. The highest concentrations observed in each boring based on chemical analytical results are as follows:

- Soil in MW-1 at a depth of 20 feet bgs had a detected concentration of 237 mg/kg PCE.
- Soil in SB-4 at a depth of 17.5 feet bgs had a detected concentration of 13.2 mg/kg PCE.

It appears that the highest soil concentrations are present in soil that becomes very dense/hard; near the base of the upper, unconfined aquifer. Elevated concentrations at this depth are consistent with the migration characteristics of solvents, which are denser than water. Solvents tend to "sink" and concentrate in the lower portions of aquifers. Additionally solvents tend to accumulate in erosional lows in soil that has a lower permeability. TCE, a breakdown component of PCE, also was detected in many of the soil samples at concentrations exceeding MTCA cleanup levels. Several nonchlorinated VOCs were detected in the soil samples obtained during this study. However, the concentrations either did not exceed MTCA cleanup levels or were orders of magnitude less than the primary contaminants of concern (PCE, TCE and VC) at this site. Chemical analytical results are presented in Table 1 and in the analytical data sheets presented in Appendix B.

[1] Note that this interpretation is based on two borings generally located in a northwest to southeast trend. To more adequately evaluate the presence of a multiple aquifer system beneath this site would require additional explorations.

6.2.2 Dangerous Waste Designation

The two soil samples (MW1-8-20 and SB4-7-17.5) with the greatest PCE concentrations also were submitted for analysis of Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311/8260B, specifically quantified for PCE, TCE and VC. PCE was detected at 99.3 milligrams per liter (mg/l) and 0.182 mg/l in soil samples MW-1-8-20 and SB4-7-17.5, respectively. Based on these results, soil represented by sample MW-1-8-20 (which resulted in a TCLP concentration of 99.3 mg/l), would designate as a DW per the criteria designation in the Washington State Dangerous Waste regulations [Washington Administrative Code (WAC) 173-303] because it exceeds 0.7 mg/l. Please note that this characterization only is applicable if the soil is excavated. The TCLP result for sample SB4-7-17.5 did not exceed the DW criteria. The result of this testing indicates that soil samples with PCE concentrations between 13.2 and 237 mg/kg likely would fail the TCLP test and result in classification as a DW, if excavated.

6.3 GROUND WATER

GeoEngineers measured depths to ground water in MW-1 through MW-3 on July 24 and August 22, 2001. Ground water was observed at approximately 11 to 13 ft bgs in MW-1 and MW-3 (the two wells screened within the lower aquifer) and approximately 10 ft bgs in MW-2 (the well screened within the upper aquifer). Ground water samples were obtained from these wells on July 24, 2001. Significant concentrations of PCE, TCE and VC were detected in ground water samples obtained from monitoring wells MW-1, MW-2 and MW-3. The highest concentration (176,000 µg/l) of PCE was detected in ground water from MW-2. MW-2 is located immediately downgradient from the former dry cleaning machines. MW-2 is screened within the upper aquifer. PCE, TCE and VC concentrations decreased in samples obtained from the lower aquifer. Additionally, solvent concentrations decreased in the lower aquifer downgradient (southeast) of MW-1 and MW-2. Although solvent concentrations that could exceed the solubility limit were observed, DNAPL was not detected during our field measurements.

Several nonchlorinated VOCs were detected in the ground water samples obtained during this study. However, the concentrations either did not exceed MTCA cleanup levels or were orders of magnitude less than the primary contaminants of concern (PCE, TCE and VC) at this site. The nonchlorinated VOCs are generally similar to those detected in previous studies. The ground water chemical analytical data are summarized in Table 2. Ground water sampling procedures are described in Appendix A. Chemical analytical data and our review of laboratory QC documentation are included in Appendix B.

7.0 TERRESTRIAL ECOLOGICAL EVALUATION

Based on our review of the terrestrial ecological evaluation exclusions section of the MTCA regulation dated February 12, 2001, it is our opinion that this site is excluded from a terrestrial ecological evaluation. The entire site currently is covered by buildings and/or a paved parking lot therefore, "Exclusion B" of WAC 173-340-7491 is applicable for this site. This exclusion indicates that a site may be excluded from further terrestrial ecological evaluation "if all soil

contaminated with hazardous substances is, or will be, covered by buildings, paved roads, pavement or other physical barriers that will prevent plants or wildlife from being exposed to the soil contamination."

8.0 CONCLUSIONS

This study is intended to supplement prior studies of the subject site and has provided new information regarding the: (1) vertical extent of soil contamination, (2) identification and depth of aquifers beneath the site, (3) presence of DNAPL in the aquifers and (4) potential for DW. Based on the results of this study and prior studies in the site vicinity, it is our opinion that:

- The depth of PCE contaminated soil extends beneath the southern half of the subject site. PCE concentrations exceeding the MTCA Method A cleanup level were detected to the total depth of exploration (approximately 38 feet bgs) in MW-1 and SB-4. A distance of approximately 110 feet separates these boring locations.
- It is unlikely that PCE concentrations of regulatory significance in soil extend beyond 50 feet bgs because (1) concentrations show a declining trend with depth and (2) soil becomes very dense and silty at deeper depths (based on previous studies). The soil samples obtained from a depth of 37.5 feet in MW-1 and SB-4 contained much lower PCE concentrations than the shallower samples tested and were relatively close to the MTCA Method A cleanup level (see results presented in Table 1).
- The two aquifers identified in the site vicinity by other studies also may be present beneath the site. The upper aquifer (water levels approximately 10 feet bgs) appears to be unconfined. The lower aquifer appears to be semi-confined. Ground water in lower aquifer was first encountered during drilling at depths of approximately 25 and 33 feet bgs. Ground water levels in the deep wells (screened within the lower aquifer) were measured at approximately 11 to 13 feet bgs during subsequent ground water monitoring. This may indicate connection between the upper and lower aquifers beneath a portion of the site. Additional exploration will be necessary to confirm the presence of a multiple aquifer system beneath other portions of the site.
- The presence of high concentrations of PCE in both aquifers indicates that they likely are hydraulically connected at some location beneath the site.
- The direction of ground water flow beneath the site is toward the east-southeast (based primarily on prior studies).
- Much of the PCE-contaminated soil from near the ground surface to 35 feet bgs in the vicinity of the former dry cleaning machines likely would classify as a dangerous waste (DW) based on the toxicity characteristic (fails TCLP tests), if excavated. It also is possible that most of the soil and ground water contaminated with PCE at the site may be a "listed" DW. Certain materials can be defined as "listed" DW based solely on how the contamination originated and not it's current concentration. The applicability of DW listings can be a subjective process and often requires complex negotiations with regulators.

- Although DNAPL was not detected in our wells, the concentrations of PCE detected in the ground water samples from MW-1, MW-2 and MW-3 are in the range that could indicate that DNAPL is present.

We understand that the site is being considered for sale and redevelopment. The PCE-related contamination and selected remedial actions will be large factors in both the transfer and redevelopment of this property. Based on the results of our studies to date and our experience, it is our opinion that:

- Once Ecology has reviewed the current site data, they likely will give this site a high priority ranking and take an active role in enforcing applicable MTCA requirements.
- Further study and possible remedial action will be necessary to specifically address the potential impacts of the ground water contaminant plume on downgradient receptors such as Lake Union.
- Remedial excavation of the contaminated soil will be logistically difficult and expensive, relative to other remedial options, because:
  1) the permit process is likely to be onerous
  2) the contamination is deep
  3) contaminant concentrations are high and widespread
  4) ground water is affected and would need to be controlled during excavation
  5) hazardous vapors would need to be controlled during excavation so that workers and nearby sites are not exposed, and
  6) a significant portion of the soil and ground water handled during construction likely will designate as DW; increasing costs and limiting disposal options.
- A formal remedial investigation/feasibility study (RI/FS) will need to be completed for the site to satisfy MTCA and select a remedy. This RI/FS likely will require additional exploration of soil and ground water conditions both on- and off-site to further assess issues such as the site's impact on downgradient receptors and the effectiveness of in-situ remedial systems.
- In-situ remedial systems and/or institutional controls (such as a deed restriction) will be necessary to mitigate the effects of remaining contaminated soil, volatile organic vapors and/or the ground water contaminant plume even if some level of remedial excavation (with off-site soil disposal/treatment) is completed.

9.0 LIMITATIONS

This report has been prepared for use by American Linen. GeoEngineers has performed this study of the former American Linen site at 771 Valley Street in general accordance with the scope and limitations of our fee estimate dated May 4, 2001.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with the generally accepted environmental science practices this area at the time this report was prepared. It is always possible that contamination is present in areas that were not

explored as part of this study. No warranty or other conditions, express or implied, should be understood.

Please refer to Appendix C titled "Report Limitations and Guidelines for Use" for additional information pertaining to use of this report.

We appreciate the opportunity to be of continued service to American Linen. Please contact us if you have questions regarding this report.

Yours very truly,

GeoEngineers, Inc.

David A. Cook
Associate

for KRF

Kurt R. Fraese
Principal

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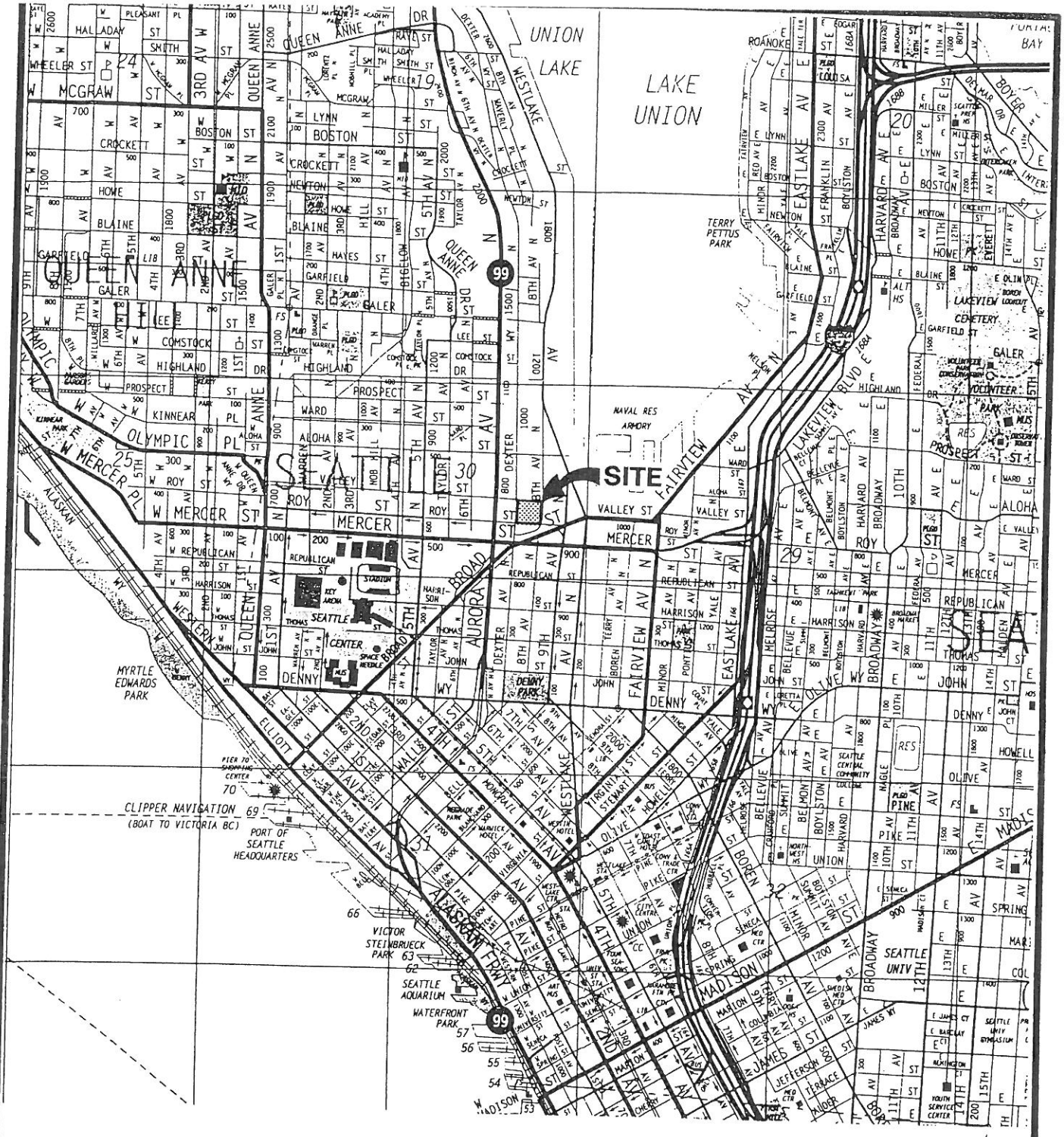
Attachments

5.0 REGULATORY FRAMEWORK

The Washington State Model Toxics Control Act (MTCA) cleanup regulations, originally promulgated in 1991, were amended on February 12, 2001. These regulations establish cleanup standards for the cleanup of hazardous waste sites. The purpose of the regulation is to ensure that cleanup of hazardous substances is protective of human health and the environment. Cleanup requirements are established using a two-step process. Step 1 involves establishing cleanup standards such as selection of cleanup levels and points of compliance and/or conditional points of compliance. Step 2 involves selection of an appropriate cleanup action for the site. This study provides supplemental subsurface information that can be used to begin to establish cleanup standards for the site. However, in our opinion additional remedial investigation information likely will be required before a final decision can be made regarding selection of cleanup levels and/or points of compliance for this site. Additional information will be required before an appropriate cleanup action can be selected for this site. This may include the identification of future site uses.

Based on our understanding of the current site conditions and amended MTCA cleanup regulations, the following preliminary regulatory framework will be utilized throughout this report:

- **Soil Cleanup Levels - Method A cleanup levels will be referenced.** Method A cleanup levels are commonly the most stringent, represent common contaminants and are based on protection of human health and ground water. Achieving Method A cleanup levels after a cleanup action would allow non-restricted use of the property. As an alternative, Method B cleanup levels could be used. However, Method B cleanup levels are based on deriving a cleanup level by utilizing risk analysis equations. These equations must be utilized to calculate cleanup levels for compounds not present in the Method A "look-up" tables. For example, a Method B site specific cleanup level may need to be calculated for vinyl chloride if it is determined that it will drive the cleanup action process (vinyl chloride is not present in the Method A table). Finally, the Method B cleanup calculation is based on protection of human health. Therefore, a risk assessment may need to be conducted to evaluate whether the calculated Method B cleanup level is also protective of terrestrial and aquatic ecological receptors and is protective of compounds leaching to ground water. As discussed above, Method A (non-restricted use) cleanup levels will be referenced in this report. Method A cleanup levels were selected because future site use is not known at this time and relatively common contaminants are present at the site. Future use of cleanup levels for soil to Methods A and/or B. Selection of cleanup levels (Methods A, B or combination of both) for a final remedy for this site may include but may not be limited to factors such as: risk of exposure related to future site use, type of cleanup method selected, regulatory acceptability and cost.
- **Ground Water Cleanup Levels** - Method A cleanup levels will be referenced. (see soil cleanup level discussion for Method B ground water cleanup levels).
- **Vapor Cleanup Levels** - Since no organic vapor analysis has been conducted at the site, vapor cleanup levels will not be addressed in this report. Future risk from vapors may be



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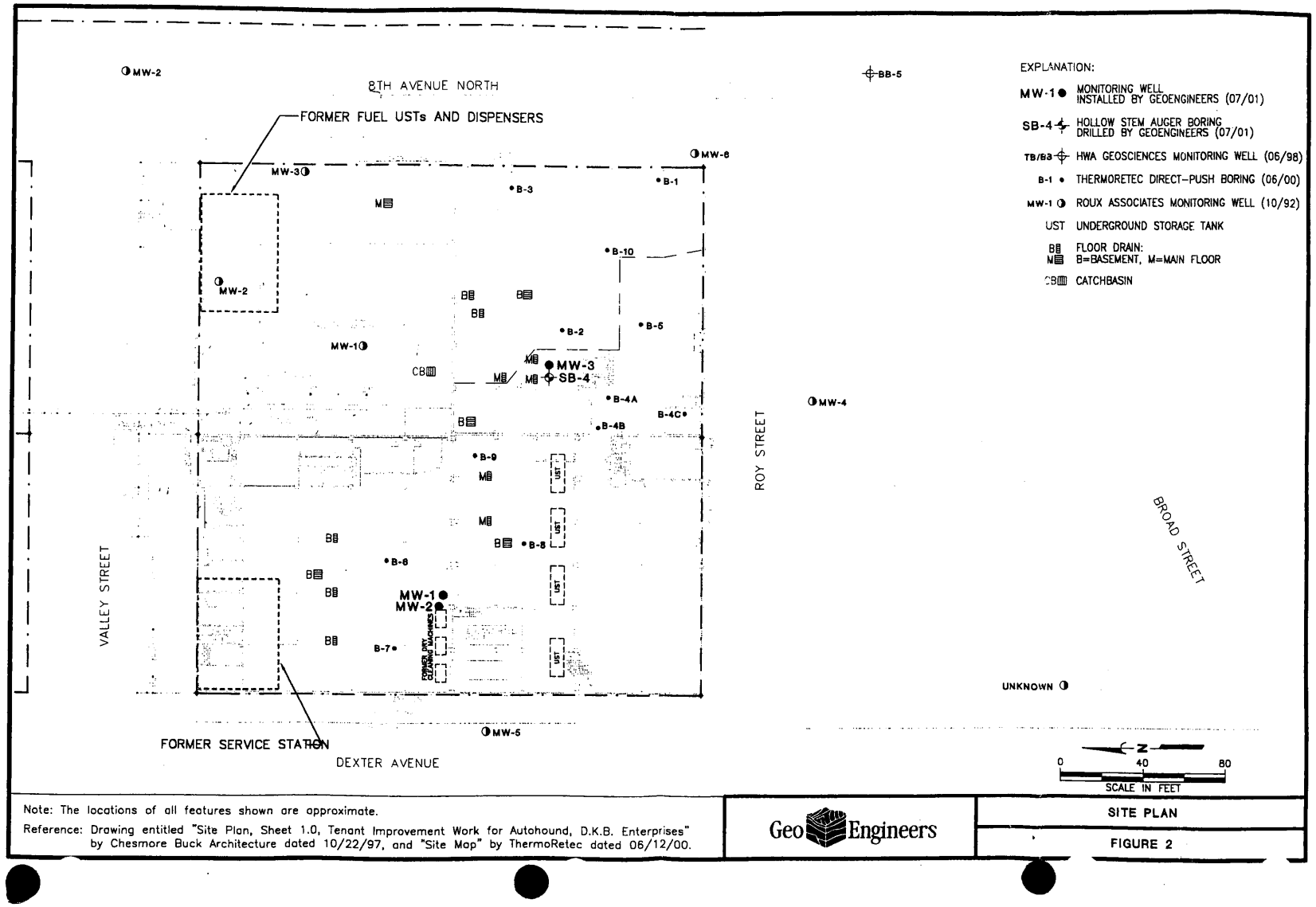
Geo Engineers

VICINITY MAP

FIGURE 1

TMK:HLA



REDMOND\P:\8673001\CAD\01\8673001101A.DWG TMK:HLA 07/30/01

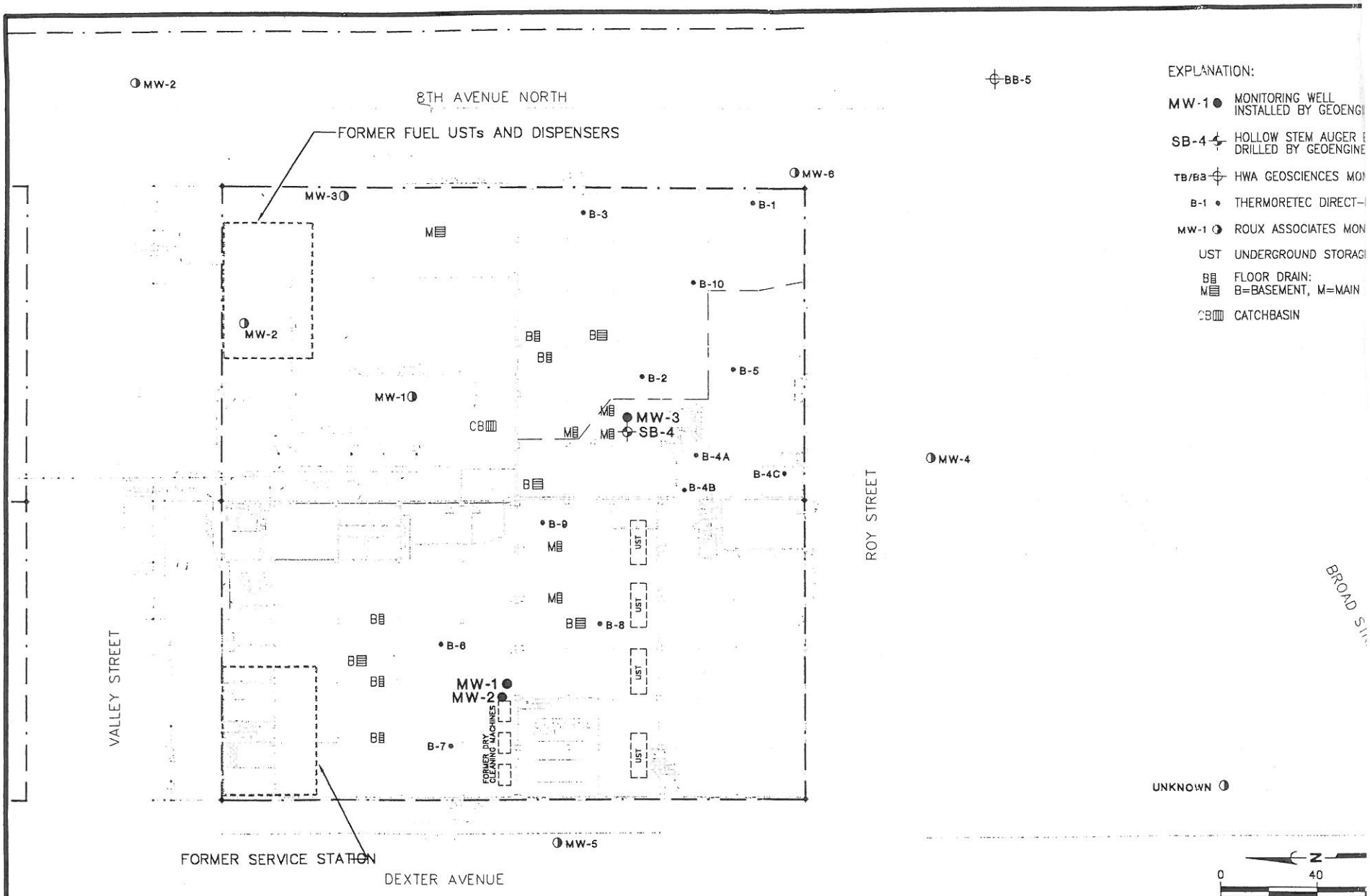
Note: The locations of all features shown are approximate.

Reference: Drawing entitled "Site Plan, Sheet 1.0, Tenant Improvement Work for Autohound, D.K.B. Enterprises" by Chesmore Buck Architecture dated 10/22/97, and "Site Map" by ThermoRetec dated 06/12/00.

GeoEngineers

SITE PLAN

FIGURE 2



REDMOND\P:\867300\CAD\01\867300101A.DWG TMK:HLA 07/30/01

Note: The locations of all features shown are approximate.

Reference: Drawing entitled "Site Plan, Sheet 1.0, Tenant Improvement Work for Autohound, D.K.B. Enterprises" by Chesmore Buck Architecture dated 10/22/97, and "Site Map" by ThermoRetec dated 06/12/00.

GeoEngineers

SITE PLAN

FIGURE 2

TABLE 1
SOIL FIELD SCREENING AND CHEMICAL ANALYTICAL DATA
MONITORING WELL AND SOIL BORINGS
FORMER AMERICAN LINEN SITE
SEATTLE, WASHINGTON

Sample Number[2,3]	Date Sampled	Sample Depth (feet bgs)	Field Screening Results[1]		Chlorinated Solvents (EPA Method 8260B) (mg/kg)		
			Headspace Vapors (ppm)	Sheen	PCE	TCE	VC
MW1-3-8	07/20/01	8.0	3,673	SS	19.9	<0.0230	<0.0130
MW1-8-20[4]	07/20/01	20.0	694	SS	237	0.0622	<0.0130
MW1-11-27.5	07/20/01	27.5	44.5	NS	16.4	0.0706	<0.0130
MW1-13-32.5	07/20/01	32.5	50.6	NS	33.1	0.394	<0.0260
MW1-15-37.5	07/20/01	37.5	0.6	NS	0.678	<0.0230	<0.0130
SB4-4-10	07/18/01	10.0	0	NS	0.528	<0.0230	<0.0130
SB4-7-17.5[4]	07/18/01	17.5	104	NS	13.2	<0.0230	<0.0130
SB4-13-32.5	07/18/01	32.5	46.2	NS	5.70	0.175	<0.0130
SB4-15-37.5	07/18/01	37.5	6.2	NS	0.581	<0.0230	<0.0130
MTCA Method A Soil Cleanup Level					0.05	0.03	NE

Notes:

[1]See Appendix A for a description of field screening methods. NS = no sheen, SS = slight sheen.

[2]MW1-3-8 means monitoring well number 1, third soil sample, obtained at 8 feet below ground surface.

[3]Additional analytes were detected for MW1-3-8 (acetone=0.214 mg/kg, MC=0.0634 mg/kg); MW1-8-20 (MC=0671 mg/kg, Naphthalene=0.0661 mg/kg, 1,2,4-trimethylbenzene=0.169 mg/kg); MW1-11-27.5 (MC=0.0612 mg/kg, 1,2,4-trimethylbenzene=0.0576 mg/kb); MW1-13-32.5 (MC=0.165 mg/kg, 1,2,4-trimethylbenzene= 0.305 mg/kg); MW1-15-37.5 (Chloroform=0.0558 mg/kg, MC=0.0484 mg/kg, n-Propylbenzene=0.0300 mg/kg, 1,2,4-trimethylbenzene=0.174 mg/kg, 1,3,5-trimethylbenzene=0.0452 mg/kg); SB4-4-10 (MC=0.0793 mg/kg); SB4-7-17.5 (MC=0.0818 mg/kg, 1,2,4-trimethylbenzene=0.110 mg/kg); SB4-13-32.5 (MC=0.253 mg/kg, 1,2,4-trimethlybenzene=0.123 mg/kg) and SB4-15-37.5 (MC=0.0842 mg/kg, 1,2,4-trimethylbenzene=0.0611).

[4]Sample also analyzed for TCLP by EPA Method 1311/8260B with regard to PCE, TCE and VC. PCE was detected at 99.3 mg/l in soil sample MW1-8-20 and at 0.182 mg/l in soil sample SB4-7-17.5.

PCE = perchloroethylene (aka tetrachloroethene), TCE = trichloroethylene, VC = vinyl chloride

ppm = parts per million

mg/kg = milligrams per kilogram

NE = not established

MTCA = Model Toxics Control Act

TCLP = Toxicity Characteristic Leaching Procedure

Chemical analysis performed by North Creek Analytical of Bothell, Washington. Analytical reports in Appendix B.

TABLE 2
GROUND WATER CHEMICAL ANALYTICAL DATA[1]
VOLATILE ORGANIC COMPOUNDS
FORMER AMERICAN LINEN SITE
SEATTLE, WASHINGTON

Monitoring Well[2]	Date Sampled	Headspace Vapors[3] (ppm)	DNAPL Thickness (feet)	Depth to Water	Volatile Organic Compounds[4, 5] (µg/l)									
					Benzene	1,1-Dichloroethane (EDC)	Ethylbenzene	Naphthalene	Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	Vinyl Chloride (VC)	m,p-Xylene	o-Xylene
MW-1	7/24/2001 <1	<1	Not observed 10.54	10.54	0.449	1.17	0.798	0.776	85,500	17.6 to <100 E	1,130	74.5 to <100 E	2.87	2.65
MW-2	7/24/2001 <1	<1	Not observed 9.93	9.93	0.375	<0.200	2.01	3.02	176,000	48.3 to <2,000 E	237 E	0.457	7.07	5.81
MW-3	7/24/2001 9.1	9.1	Not observed 13.05	13.05	0.524	0.933	0.459	0.643	47,700	6.93 to <2,000 E	385 E	42.5 E	1.09	1.01
MTCA Method A cleanup levels					5	5	700	160	5	1,000	5	0.2	1,000	

Notes:

[1]Chemical analyses conducted by North Creek Analytical of Bothell, Washington. The laboratory report is provided in Appendix B.

[2]Approximate monitoring well locations is shown in Figure 2.

[3] Measured using a Photovac Microtip[tm] Photionization detector.

[4]Analyzed by EPA Method 8260B. Because of the high concentrations of PCE, TCE and VC in these samples each sample was rerun by NCA at different dilution levels in order to adequately quantify these compounds. Additionally, only those analytes that were detected and have MTCA Method A cleanup levels are presented in this table. Refer to the laboratory report in Appendix B for a complete list of method analytes and detection limits.

[5]Additional analytes that were detected are presented in the laboratory data sheets in Appendix B. The contaminants of concern based on known sources of contamination are presented in this table.

µg/l = microgram per liter

E = estimated value

Shading indicates a concentration greater than the MTCA Method A cleanup level.

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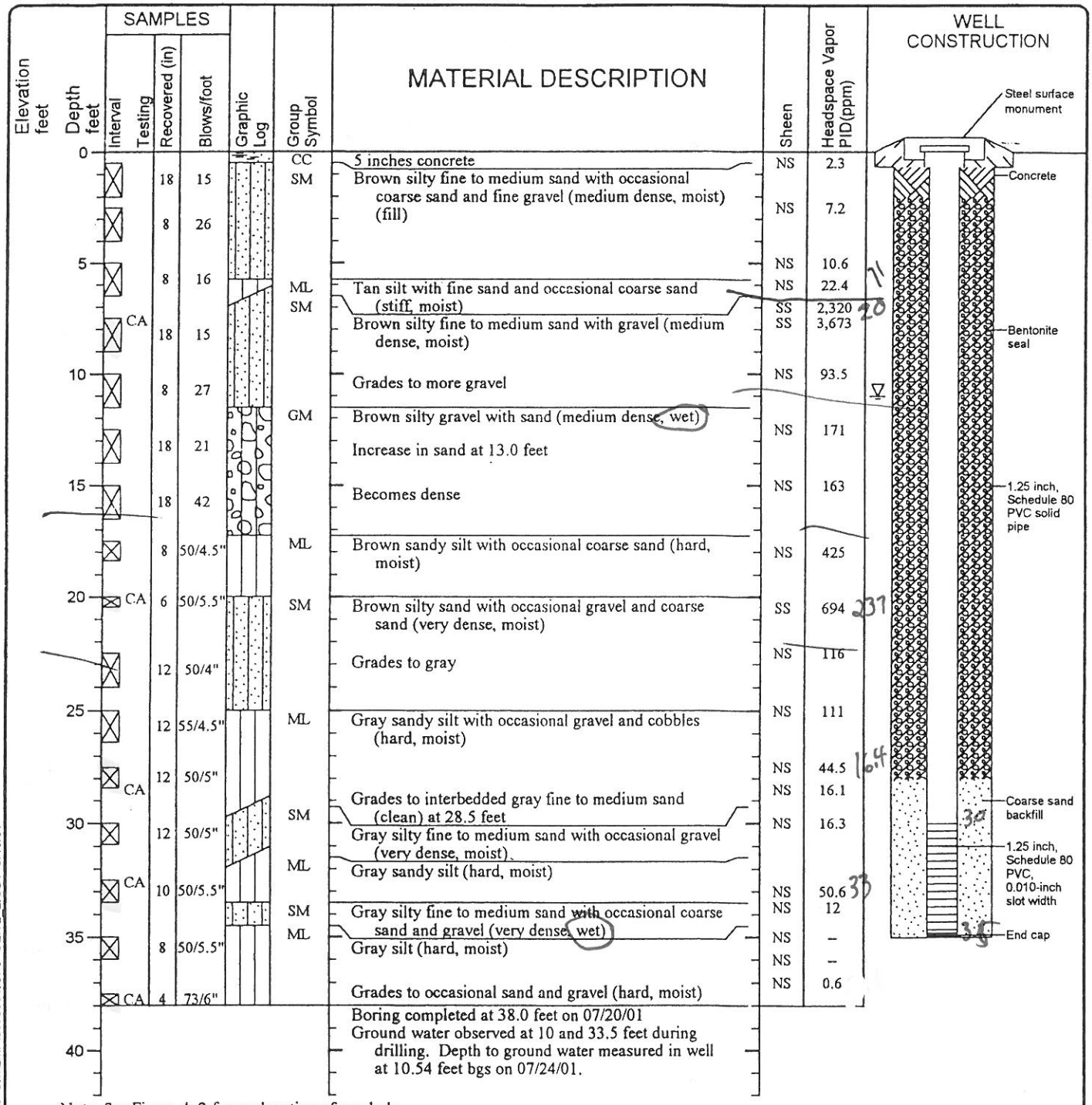
Drilled	07/20/01	By	TMK	By	TMK
Drilling Contractor	Davies Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	SPT
Total Boring Depth (ft)	38	Hammer Data	140 (lb) hammer/ 30 (in) drop	Drilling Equipment	Limited Access Rig
Well Depth (ft)	36	Top of Well Elevation (ft)		Ground Water Level (ft. bgs)	10, 33.5
System/ Datum	N/A	Easting	Not Determined	Northing	Not Determined



Note: See Figure A-2 for explanation of symbols

LOG OF MONITORING WELL MW-1

Geo Engineers

Project:	American Linen
Project Location:	Seattle, Washington
Project Number:	8673-001-01

Figure: A-3
Sheet 1 of 1

8673-001-01 GEI_ENVWELL_2.1.0 C:\TEMP\8673001.GPJ GEIV2_2.GDT 9/13/01

Drilled	07/20/01	By	TMK	By	TMK
Drilling Contractor	Davies Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	SPT
Total Boring Depth (ft)	18	Hammer Data	140 (lb) hammer/ 30 (in) drop	Drilling Equipment	Limited Access Rig
Well Depth (ft)	18	Top of Well Elevation (ft)		Ground Water Level (ft. bgs)	10
System/ Datum	N/A	Easting	Not Determined	Northing	Not Determined

Elevation feet	Depth feet	SAMPLES: Interval Testing	SAMPLES: Recovered (in)	SAMPLES: Blows/foot	Graphic Log	Group Symbol	MATERIAL DESCRIPTION	Sheen	Headspace Vapor PID(ppm)	WELL CONSTRUCTION
	0						See MW-1 for details			Steel surface monument; Concrete; Bentonite seal; Coarse sand backfill; 1.25 inch, Schedule 80 PVC solid pipe; 1.25 inch, Schedule 80 PVC, 0.010-inch slot width; End cap
	5									
	10									
	15									
	20						Boring completed at 18.0 feet on 07/20/01 Ground water measured in well at 9.93 feet bgs on 07/24/01			
	25									
	30									
	35									
	40									

Note: See Figure A-2 for explanation of symbols

8673-001-01 GEI_ENVWELL_2.1.0 C:\TEMP\8673001.GPJ GEIV2_2.GDT 9/13/01

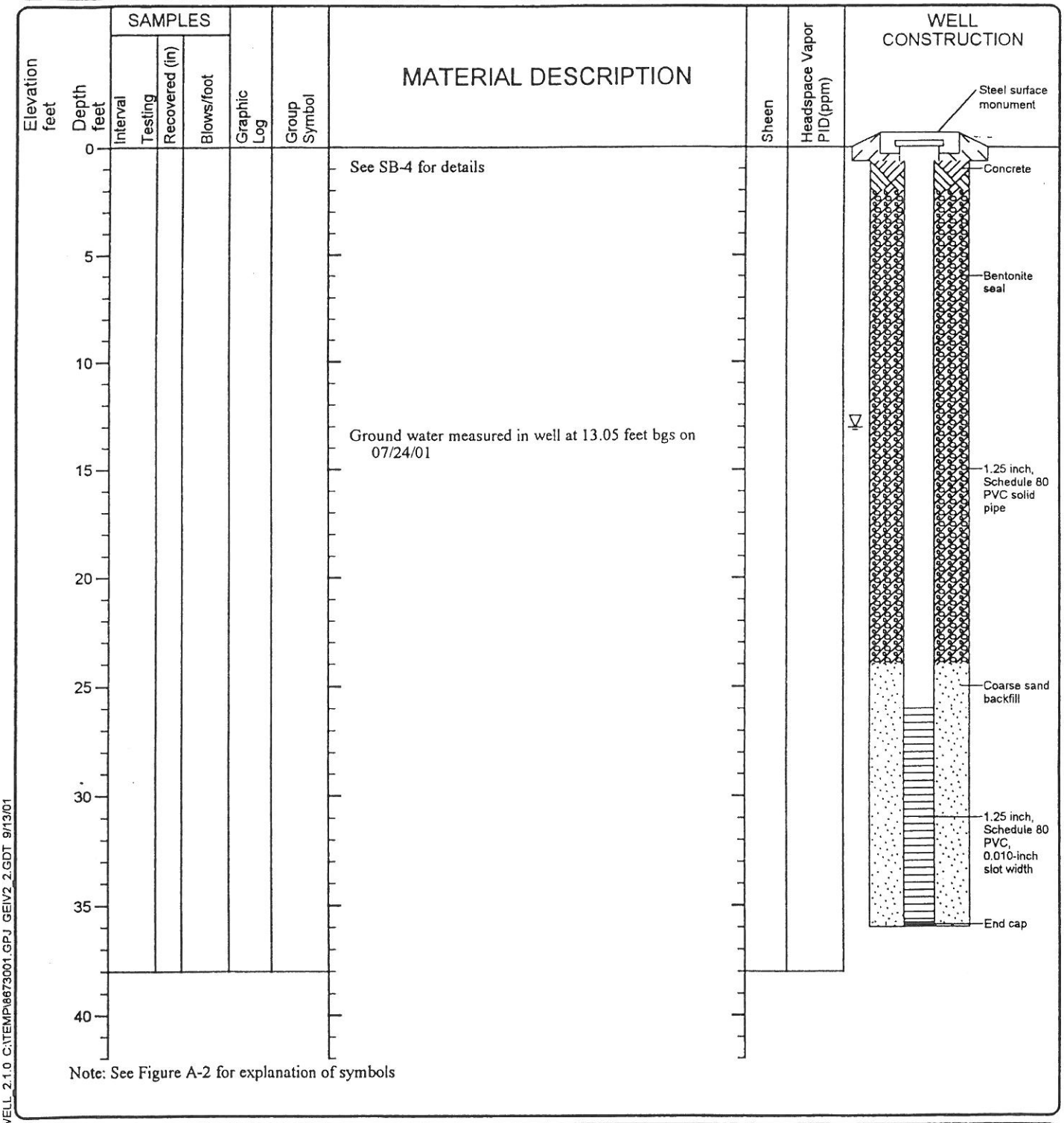
LOG OF MONITORING WELL MW-2

Geo Engineers

Project: American Linen
Project Location: Seattle, Washington
Project Number: 8673-001-01

Figure: A-4
Sheet 1 of 1

Drilled	7/18/01	By	[illegible]	By	[illegible]
Drilling Contractor	Davies Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	SPT
Total Boring Depth (ft)	38	Hammer Data	140 (lb) hammer/ 30 (in) drop	Drilling Equipment	Limited Access Rig
Well Depth (ft)	36	Top of Well Elevation (ft)		Ground Water Level (ft. bgs)	10, 32.5
System/ Datum	N/A	Easting	Not Determined	Northing	Not Determined



Note: See Figure A-2 for explanation of symbols

8673-001-01 GEI ENVWELL 2.1.0 C:\TEMP\8673001.GPJ GEIV2_2.GDT 9/13/01

LOG OF MONITORING WELL MW-3

Geo Engineers

Project: American Linen
Project Location: Seattle, Washington
Project Number: 8673-001-01

Figure: A-6
Sheet 1 of 1

Drilled	07/18/01	By	TMK	By	TMK
Drilling Contractor	Davies Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	SPT
Auger Data	4.25 inch I.D.	Hammer Data	140 (lb) hammer/ 30 (in) drop	Drilling Equipment	Limited Access Rig
Total Depth (ft)	38	Surface Elevation (ft)	Not Measured	Ground Water Level (ft. bgs)	10, 32.5
Datum/ System	N/A	Easting	Not Determined	Northing	Not Determined

Elevation feet	Depth feet	SAMPLES Interval	Testing	Recovered (in)	Blows/foot	Water Level	Graphic Log	Group Symbol	MATERIAL DESCRIPTION	Sheen	Headspace Vapor PID(ppm)	NOTES
	0							CC	5 inches concrete	NS	0	
								SM	Brown silty fine to medium sand with occasional gravel, bricks, glass (very loose, moist) (fill)	NS	0	
				5	3							
	5			12	2				Grades to more silt	NS	0	
								ML	Brown sandy silt (medium stiff, moist)	NS	4.1	
				18	6							
	10							SM	Brown silty fine to medium sand with occasional coarse sand and gravel (medium dense, moist to wet)	NS	0	
			CA	12	27							
				12	41				Grades to more silt (dense)	NS	33.2	
	15							GM	Brown silty gravel with fine to coarse sand (medium dense, wet)	NS	19.9	
				6	20			ML	Tan silt with occasional fine to medium sand (very stiff, moist)	NS	104	
			CA	18	27							
	20			12	50/5"			SM	Gray silty sand with pebbles and cobbles (very dense, moist)	NS	67.6	
				10	50/4"			ML	Gray silt with occasional coarse sand and fine gravel (hard, moist)	NS	28.1	
	25			4	50/5"				Grades to wet and no gravel	NS	4.6	
				5	50/6"			SM	Gray silty fine to medium sand with occasional fine gravel and coarse sand (very dense, moist)	NS	10.5	
	30			4	100/6"							
			CA	18	50/3"				Grades to silty fine to coarse sand (wet)	NS	46.2	
								ML	Gray sandy silt (hard, wet)			
	35			18	--			SM	Gray silty fine to coarse sand with occasional gravel (very dense, wet)	NS	29	
								ML	Gray silt with trace fine to medium sand (hard, moist)			
			CA	4	100/4"					NS	6.2	
	40								Boring completed at 38.0 feet on 07/18/01 Ground water encountered at approximately 10 and 32.5 feet during drilling. See MW-3 for ground water measurement on 07/24/01.			

Note: See Figure A-2 for explanation of symbols

8673-001-01 GEI ENVBORING 2.1.0 C:\TEMP\8673001.GPJ GEIV2_1.GDT 9/13/01

LOG OF BORING SB-4

Geo Engineers

Project: American Linen
Project Location: Seattle, Washington
Project Number: 8673-001-01

Figure: A-5
Sheet 1 of 1

APPENDIX A

FIELD PROCEDURES
DRILLING AND MONITORING WELL INSTALLATION PROGRAM

APPENDIX A

FIELD PROCEDURES
DRILLING AND MONITORING WELL INSTALLATION PROGRAM

GENERAL

Subsurface conditions in the site vicinity were explored by completing four borings using hollow-stem auger drilling equipment. A scientist from our staff selected the exploration locations, examined and classified the soils encountered, and prepared a detailed log of each exploration. Soils encountered were visually classified in general accordance with ASTM D-2488-93, which is described in Figure A-1. The boring logs are presented in Figures A-3 and A-6. Ground water monitoring wells were constructed in three of the four borings. Well construction and ground water sampling procedures are described below.

DRILLING AND SOIL SAMPLING

Subsurface conditions on the site were explored during this phase of study by drilling four hollow-stem auger borings (MW-1 through MW-3 and SB-4) in July 2001. The hollow stem auger borings were drilled to depths ranging from approximately 18 to 38 feet bgs using limited-access, hollow-stem auger equipment owned and operated by Davies Drilling of Seattle, Washington. The hollow-stem auger drilling equipment was cleaned with a hot-water pressure washer before each boring was drilled. The sampling equipment was decontaminated before each sampling attempt with a Liquinox wash, a fresh water rinse and a distilled water rinse.

Soil samples from the borings were obtained from approximate 2.5-foot depth intervals using a heavy-duty split-barrel sampler equipped with stainless steel sleeves. The sampler was driven a maximum of 18 inches by a 140-pound weight falling a vertical distance of approximately 30 inches. The number of blows needed to advance the sampler the final 12 inches or other specified distance is indicated to the left of the corresponding sample notation on the boring log.

A portion of each sample was placed in a plastic bag for field screening. A clean laboratory prepared jar was used to collect samples from each sampling interval. Samples were kept cold in a cooler for potential chemical analysis. Chain-of-custody procedures were followed in transport of selected samples to the analytical laboratory.

FIELD SCREENING OF SOIL SAMPLES

A scientist from our staff field screened soil samples obtained from the borings. Field screening results are used as a general guideline to delineate areas of possible petroleum-related and solvent-related contamination. In addition, screening results are used to aid in the selection of soil samples for chemical analysis. The screening methods used include (1) visual screening, (2) water sheen screening, and (3) headspace vapor screening.

Visual screening consists of inspecting the soil for stains indicative of petroleum-related contamination. Visual screening is generally more effective when contamination is related to heavy petroleum hydrocarbons such as motor oil, or when hydrocarbon concentrations are high. Water sheen screening and headspace vapor screening are more sensitive methods that have been

effective in detecting contamination at concentrations less than regulatory cleanup levels. However, field screening results are site-specific. The effectiveness of field screening varies with temperature, moisture content, organic content, soil type and age of contaminant. The presence or absence of a sheen or headspace vapors does not necessarily indicate the presence or absence of petroleum hydrocarbons.

Water sheen screening involves placing soil in water and observing the water surface for signs of sheen. Sheen screening may detect both volatile and nonvolatile petroleum hydrocarbons. Sheen classifications are as follows:

No Sheen (NS)	No visible sheen on water surface.
Slight Sheen (SS)	Light, colorless, dull sheen; spread is irregular, not rapid; sheen dissipates rapidly. Natural organic matter in the soil may produce a slight sheen.
Moderate Sheen (MS)	Light to heavy sheen; may have some color/iridescence; spread is irregular to flowing, may be rapid; few remaining areas of no sheen on water surface.
Heavy Sheen (HS)	Heavy sheen with color/iridescence; spread is rapid; entire water surface may be covered with sheen.

Headspace vapor screening may identify volatile petroleum hydrocarbon and solvent compounds and involves placing a soil sample in a plastic sample bag. Air is captured in the bag and the bag is shaken to expose the soil to the air trapped in the bag. The probe of a Photovac Microtip PID (TIP) is inserted in the bag, and the TIP measures the concentration of combustible vapors present within the sample bag headspace. The TIP measures combustible vapors in ppm and is calibrated to 100 ppm isobutylene. The TIP measures concentrations up to 2,000 ppm. A lower threshold of significance of 1.0 ppm was used in this application.

MONITORING WELL CONSTRUCTION

A ground water monitoring well was constructed in three of the four borings at the completion of drilling. One ¼-inch-diameter, Schedule 80 polyvinyl chloride (PVC) pipe was installed in the borings. Selected portions of the PVC pipe casing installed in the borings are machine-slotted (0.010-inch slot width) to allow entry of water, free product and vapors into the well casing. Medium sand was placed in the borehole annulus surrounding the slotted portion of the wells. A bentonite seal is placed between the well casing sand pack and the ground surface to prevent cross-contamination between zones and surface water infiltration in the borings. The well casings are protected within a surface monument with a slip cap. Monitoring wells were developed by GeoEngineers at the conclusion of monitoring well installation by removing approximately five well volumes of ground water using a polyethylene bailer and peristaltic pump methods. Development water was placed in 55-gallon drums located on site pending off-site disposal.

MONITORING WELL SURVEY

GeoEngineers did not survey the well casings of MW-1 through MW-3 during this study. However, we recommend surveying the wells at a later date when supplemental ground water monitoring and sampling may be necessary. At that time we recommend either tying the new wells into the assumed elevations of the existing wells or resurveying all wells at the site.

GROUND WATER/DNAPL MEASUREMENTS

The depths to ground water relative to the casing rims were measured in monitoring wells MW-1, MW-2 and MW-3. The measurements were made with an electric water level indicator. The potential presence of DNAPL was measured with a Water Mark® interface probe using a solvent-sensitive probe. The equipment used to measure depths to ground water and DNAPL thickness was cleaned with a Liqui-Nox® solution wash and a distilled water rinse prior to use in each well.

ORGANIC VAPOR CONCENTRATIONS

Organic vapor concentrations were measured in each monitoring well casing using a Photovac Microtip photoionization detector (PID) equipped with a flexible drop hose lowered to within 1 foot of the static water level.

GROUND WATER SAMPLING

Ground water samples were obtained from monitoring wells MW-1, MW-2 and MW-3 on July 24, 2001. Each monitoring well was purged and ground water samples were collected using low-flow/low-turbidity sampling techniques, to minimize sediment suspension in ground water samples and because the well recharge rates are low at the site. Dedicated polyethylene tubing was installed to within 1 foot of the bottom of each well and connected to a peristaltic pump at the well head. Wells generally were considered purged when approximately three well volumes were removed from each well.

A hydrochloric acid preservative was present in the laboratory-supplied sample containers used for samples evaluated for the presence halogenated volatile organic compounds (HVOCs). The sample containers were labeled and placed in a cooler with ice for transport, under chain-of-custody documentation, to North Creek Analytical in Bothell, Washington for chemical analysis.

WASTEWATER

Purge, development and decontamination water that was generated during drilling and installation activities of MW-1 through MW-3 currently is stored on-site in four 55-gallon drums, pending off-site disposal.

SOIL CUTTINGS

Soil cuttings that were generated during the subsurface explorations were placed in five 55-gallon drums that currently are stored on-site, pending off-site disposal. An additional 55-gallon drum containing concrete and PVC piping debris from the site activities also is pending offsite disposal.

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE GRAINED SOILS More Than 50% Retained on No. 200 Sieve	GRAVEL More Than 50% of Coarse Fraction Retained on No. 4 Sieve	CLEAN GRAVEL	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
			GP	POORLY-GRADED GRAVEL
		GRAVEL WITH FINES	GM	SILTY GRAVEL
			GC	CLAYEY GRAVEL
	SAND More Than 50% of Coarse Fraction Passes No. 4 Sieve	CLEAN SAND	SW	WELL-GRADED SAND, FINE TO COARSE SAND
			SP	POORLY-GRADED SAND
		SAND WITH FINES	SM	SILTY SAND
			SC	CLAYEY SAND
FINE GRAINED SOILS More Than 50% Passes No. 200 Sieve	SILT AND CLAY Liquid Limit Less Than 50	INORGANIC	ML	SILT
			CL	CLAY
		ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY
	SILT AND CLAY Liquid Limit 50 or More	INORGANIC	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
			CH	CLAY OF HIGH PLASTICITY, FAT CLAY
		ORGANIC	OH	ORGANIC CLAY, ORGANIC SILT
HIGHLY ORGANIC SOILS			PT	PEAT

NOTES:

1. Field classification is based on visual examination of soil in general accordance with ASTM D2488-93.
2. Soil classification using laboratory tests is in general accordance with ASTM D2487-98.
3. Descriptions of soil density or consistency are based on interpretation of blow count data, visual appearance of soils, and/or test data.

SOIL MOISTURE MODIFIERS:

Dry - Absence of moisture, dusty, dry to the touch

Moist - Damp, but no visible water

Wet - Visible free water or saturated, usually soil is obtained from below water table

Geo Engineers

SOIL CLASSIFICATION SYSTEM

FIGURE A-1

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LABORATORY TESTS

AL	Atterberg limits
CA	Chemical analysis
CP	Compaction
CS	Consolidation
DS	Direct shear
GS	Grain size
%F	Percent fines
HA	Hydrometer analysis
SK	Permeability
SM	Moisture content
MD	Moisture and density
ST	Swelling test
TX	Triaxial compression
UC	Unconfined compression

FIELD SCREENING TESTS

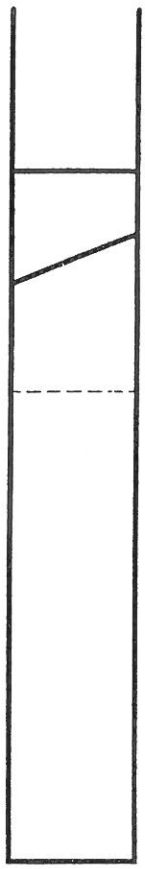
Visual Sheen Test Classifications

NS	No Visible Sheen
SS	Slight sheen
MS	Moderate sheen
HS	Heavy sheen
--	Not tested

Vapor Measurements

TLV	TLV™ sniffer
PID	Photo ionization detector
FID	Flame ionization detector
OVA	Organic vapor analyzer
--	Not tested

SOIL GRAPHICS



SM — Soil Group Symbol (See Note 2)

Distinct Contact Between Soil Strata

Gradual or Approximate Location of Change Between Soil Strata

Approximate Location of Change Within a Soil Strata

Measured ground water level

Ground water encountered during drilling

Perched water encountered during drilling

Measured Free Product

Bottom of Boring

BLOW-COUNT

Blows required to drive sampler 6 inches using a 140-pound hammer falling 30-inches — 15

Blows required to drive sampler 6 inches using a 140-pound hammer falling 30-inches — 15

"P" indicates sampler pushed against with weight of hammer or against weight of drill rig

SAMPLE GRAPHICS

Location of sampling interval with relatively undisturbed recovery

Location of sampling interval with disturbed recovery

Location of sampling interval with no recovery

Location of sample obtained in general accordance with Standard Penetration Test (ASTM D-1586) procedures

Location of SPT sampling attempt with no recovery

NOTES:

1. The reader must refer to the discussion in the report text, the Key to Log Symbols and the exploration logs for a proper understanding of subsurface conditions.
2. Soil classification system is summarized in Figure A-1.

8673-001-01 KEY_TO_SYMBOLS C:\TEMP\8673001.GPJ GEIV2.GDT 9/12/01

KEY TO LOG SYMBOLS

Geo Engineers

Project: American Linen
Project Location: Seattle, Washington
Project Number: 8673-001-01

Figure: A-2
Sheet 1 of 1

APPENDIX B

CHEMICAL ANALYTICAL PROGRAM

APPENDIX B

CHEMICAL ANALYTICAL PROGRAM

ANALYTICAL METHODS

Chain-of-custody procedures were followed during the transport of the soil and water samples to North Creek Analytical Inc. of Bothell, Washington. The samples were held in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference and laboratory quality control records are included in this appendix. The analytical results are also summarized in the text and tables of this report.

ANALYTICAL DATA REVIEW

The laboratory maintains an internal quality assurance program as documented in its laboratory quality assurance manual. The laboratory uses a combination of blanks, surrogate recoveries, duplicates, matrix spike recoveries, matrix spike duplicate recoveries, blank spike recoveries and blank spike duplicate recoveries to evaluate the validity of the analytical results. The laboratory also uses data quality goals for individual chemicals or groups of chemicals based on the long-term performance of the test methods. The data quality goals were included in the laboratory reports. The laboratory compared each group of samples with the existing data quality goals and noted any exceptions in the laboratory report. The data quality exceptions documented by the laboratory in the laboratory reports were reviewed by GeoEngineers using the applicable data validation guidelines from the following documents: "Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses" dated July 1988 (EPA document number EPA540/R94/083) and USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" dated February 1994 (EPA document number EPA540/R94/012).

ANALYTICAL DATA REVIEW SUMMARY

Several data quality exceptions were noted by NCA. These exceptions were related to the high concentrations of solvents observed in the soil and ground water samples that were tested. Because of the high concentrations, several dilutions were required to adequately quantify PCE in these samples. Based on our review of the analytical data and our conversations with NCA it is our opinion that the data are acceptable for the purposes of this report.

APPENDIX C

REPORT LIMITATIONS AND GUIDELINES FOR USE

APPENDIX C

REPORT LIMITATIONS AND GUIDELINES FOR USE

This Appendix provides information to help you manage your risks with respect to the use of this report.

ENVIRONMENTAL SERVICES ARE PERFORMED FOR SPECIFIC PURPOSES, PERSONS AND PROJECTS

This report has been prepared for use by American Linen. This report is not intended for use by others, and the information contained herein is not applicable to other sites.

GeoEngineers structures our services to meet the specific needs of our clients. For example, an environmental site assessment study conducted for a property owner may not fulfill the needs of a prospective purchaser of the same property. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and project site. No one except American Linen should rely on this environmental report without first conferring with GeoEngineers. This report should not be applied for any purpose or project except the one originally contemplated.

THIS ENVIRONMENTAL REPORT IS BASED ON A UNIQUE SET OF PROJECT-SPECIFIC FACTORS

GeoEngineers considered a number of unique, project-specific factors when establishing the scope of services for this project and report. Unless GeoEngineers specifically indicates otherwise, do not rely on this report if it was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

If important changes are made after the date of this report, GeoEngineers should be given the opportunity to review our interpretations and recommendations and provide written modifications or confirmation, as appropriate.

RELIANCE CONDITIONS FOR THIRD PARTIES

If a lending agency or other parties intend to place legal reliance on the product of our services, we require that those parties indicate in writing their acknowledgement that the scope of services provided, and the general conditions under which the services were rendered including the limitation of professional liability, are understood and accepted by them. This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions.

ENVIRONMENTAL REGULATIONS ARE ALWAYS EVOLVING

Some substances may be present in the site vicinity in quantities or under conditions that may have led, or may lead, to contamination of the subject site, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards for appropriate inquiry, or regulatory definitions of hazardous substance, change or if more stringent environmental standards are developed in the future.

UNCERTAINTY MAY REMAIN EVEN AFTER THIS PHASE II ESA IS COMPLETED

No ESA can wholly eliminate uncertainty regarding the potential for contamination in connection with a property. Our interpretation of subsurface conditions in this study is based on field observations and chemical analytical data from widely-spaced sampling locations. It is always possible that contamination exists in areas that were not explored, sampled or analyzed.

SUBSURFACE CONDITIONS CAN CHANGE

This environmental report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by manmade events such as construction on or adjacent to the site, by new releases of hazardous substances, or by natural events such as floods, earthquakes, slope instability or ground water fluctuations. Always contact GeoEngineers before applying this report to determine if it is still applicable.

MOST ENVIRONMENTAL FINDINGS ARE PROFESSIONAL OPINIONS

Our interpretations of subsurface conditions are based on field observations and chemical analytical data from widely spaced sampling locations at the site. Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. GeoEngineers reviewed field and laboratory data and then applied our professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ – sometimes significantly – from those indicated in this report. Our report, conclusions and interpretations should not be construed as a warranty of the subsurface conditions.

DO NOT REDRAW THE EXPLORATION LOGS

Environmental scientists prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in an environmental report should never be redrawn for inclusion in other design drawings. Only photographic or electronic reproduction is acceptable, but recognize that separating logs from the report can elevate risk.

READ THESE PROVISIONS CLOSELY

Some clients, design professionals and contractors may not recognize that the geoscience practices (geotechnical engineering, geology and environmental science) are far less exact than other engineering and natural science disciplines. This lack of understanding can create unrealistic expectations that could lead to disappointments, claims and disputes. GeoEngineers includes these explanatory "limitations" provisions in our reports to help reduce such risks. Please confer with GeoEngineers if you are unclear how these "Report Limitations and Guidelines for Use" apply to your project or site.

GEOTECHNICAL, GEOLOGIC AND GEOENVIRONMENTAL REPORTS SHOULD NOT BE INTERCHANGED

The equipment, techniques and personnel used to perform an environmental study differ significantly from those used to perform a geotechnical or geologic study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually relate any environmental findings, conclusions or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding a specific project.

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27 August 2001

Dave Cook
Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle, WA 98101

RE: American Linen/Seattle

Enclosed are **amended** results of analyses for samples received by the laboratory on 07/24/01 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott A. Woerman
Project Manager

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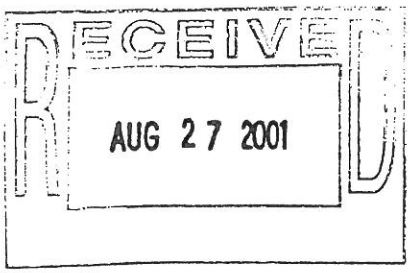
Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

ANALYTICAL REPORT FOR SAMPLES - Amended

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	B1G0573-01	Water	07/24/01 12:30	07/24/01 16:10
MW-2	B1G0573-02	Water	07/24/01 12:15	07/24/01 16:10
MW-3	B1G0573-03	Water	07/24/01 11:15	07/24/01 16:10
P072401	B1G0573-04	Water	07/24/01 12:45	07/24/01 16:10



th Creek Analytical - Bothell

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
Acetone	ND	25.0	ug/l	1	1H06042	08/06/01	08/06/01	EPA 8260B	
Benzene	**0.449**	0.200	"	"	"	"	"	"	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.200	"	"	"	"	"	"	
Bromodichloromethane	ND	0.200	"	"	"	"	"	"	
Bromoform	**0.358**	0.200	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	2.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.200	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.200	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon disulfide	**0.649**	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.200	"	"	"	"	"	"	
orobenzene	ND	0.200	"	"	"	"	"	"	
loroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.200	"	"	"	"	"	"	
hloromethane	ND	1.00	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.200	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.200	"	"	"	"	"	"	
Dibromomethane	ND	0.200	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	**1.17**	0.200	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.200	"	"	"	"	"	"	
1,1-Dichloroethene	**77.5**	0.200	"	"	"	"	"	"	E
cis-1,2-Dichloroethene	**23.3**	0.200	"	"	"	"	"	"	E
trans-1,2-Dichloroethene	**0.956**	0.200	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.200	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.200	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.200	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.200	"	"	"	"	"	"	

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01) Water	**Sampled: 07/24/01 12:30**	**Received: 07/24/01 16:10**							
Ethylbenzene	**0.798**	0.200	ug/l	1	1H06042	08/06/01	08/06/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
2-Hexanone	ND	2.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.200	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	2.00	"	"	"	"	"	"	
Naphthalene	**0.776**	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	**1.01**	0.200	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	**2430**	0.200	"	"	"	"	"	"	E
uene	**17.6**	0.200	"	"	"	"	"	"	E
',2,3-Trichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,1,1-Trichloroethane	**0.549**	0.200	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.200	"	"	"	"	"	"	
Trichloroethene	**490**	0.200	"	"	"	"	"	"	E
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.18**	0.200	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**0.588**	0.500	"	"	"	"	"	"	
Vinyl chloride	**74.5**	0.200	"	"	"	"	"	"	E
m,p-Xylene	**2.87**	0.500	"	"	"	"	"	"	
o-Xylene	**2.65**	0.250	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*110 %*	*77-133*			"	"	"	"	
Surrogate: Toluene-d8	*155 %*	*80-120*			"	"	"	"	*S-04*
Surrogate: 4-BFB	*90.8 %*	*80-120*			"	"	"	"	
Acetone	ND	2500	"	100	1H07035	08/07/01	08/07/01	"	
Benzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Bromomethane	ND	200	"	"	"	"	"	"	
2-Butanone	ND	1000	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	

th Creek Analytical - Bothell

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	Amended Report
Seattle WA, 98101	Project Manager: Dave Cook	Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
sec-Butylbenzene	ND	100	ug/l	100	1H07035	08/07/01	08/07/01	EPA 8260B	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
Carbon disulfide	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Chloroform	ND	100	"	"	"	"	"	"	
Chloromethane	ND	500	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	100	"	"	"	"	"	"	
romomethane	ND	100	"	"	"	"	"	"	
,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	1000	"	"	"	"	"	"	
Isopropylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
Methylene chloride	ND	500	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	1000	"	"	"	"	"	"	
Naphthalene	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	

th Creek Analytical - Bothell

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
Styrene	ND	100	ug/l	100	1H07035	08/07/01	08/07/01	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**50000**	100	"	"	"	"	"	"	E
Toluene	ND	100	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
Trichloroethene	**1130**	100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	200	"	"	"	"	"	"	
o-Xylene	ND	100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*116 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*99.0 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*106 %*	*77-120*			"	"	"	"	
MW-1 (B1G0573-01RE1) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
Acetone	ND	50000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
Benzene	ND	2000	"	"	"	"	"	"	
Bromobenzene	ND	2000	"	"	"	"	"	"	
Bromochloromethane	ND	2000	"	"	"	"	"	"	
Bromodichloromethane	ND	2000	"	"	"	"	"	"	
Bromoform	ND	2000	"	"	"	"	"	"	
Bromomethane	ND	4000	"	"	"	"	"	"	
2-Butanone	ND	20000	"	"	"	"	"	"	
n-Butylbenzene	ND	2000	"	"	"	"	"	"	
sec-Butylbenzene	ND	2000	"	"	"	"	"	"	
tert-Butylbenzene	ND	2000	"	"	"	"	"	"	
Carbon disulfide	ND	2000	"	"	"	"	"	"	
Carbon tetrachloride	ND	2000	"	"	"	"	"	"	
Chlorobenzene	ND	2000	"	"	"	"	"	"	
Chloroethane	ND	2000	"	"	"	"	"	"	
Chloroform	ND	2000	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	Amended Report
Seattle WA, 98101	Project Manager: Dave Cook	Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01RE1) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
Chloromethane	ND	10000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
2-Chlorotoluene	ND	2000	"	"	"	"	"	"	
4-Chlorotoluene	ND	2000	"	"	"	"	"	"	
Dibromochloromethane	ND	2000	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10000	"	"	"	"	"	"	
1,2-Dibromoethane	ND	2000	"	"	"	"	"	"	
Dibromomethane	ND	2000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2000	"	"	"	"	"	"	
Dichloroethene	ND	2000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2000	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2000	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2000	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2000	"	"	"	"	"	"	
Ethylbenzene	ND	2000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2000	"	"	"	"	"	"	
2-Hexanone	ND	20000	"	"	"	"	"	"	
Isopropylbenzene	ND	2000	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2000	"	"	"	"	"	"	
Methylene chloride	ND	10000	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	20000	"	"	"	"	"	"	
Naphthalene	ND	2000	"	"	"	"	"	"	
n-Propylbenzene	ND	2000	"	"	"	"	"	"	
Styrene	ND	2000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2000	"	"	"	"	"	"	
Tetrachloroethene	**103000**	2000	"	"	"	"	"	"	E
Toluene	ND	2000	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2000	"	"	"	"	"	"	

th Creek Analytical - Bothell

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01RE1) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
1,1,1-Trichloroethane	ND	2000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
1,1,2-Trichloroethane	ND	2000	"	"	"	"	"	"	
Trichloroethene	ND	2000	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2000	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2000	"	"	"	"	"	"	
Vinyl chloride	ND	2000	"	"	"	"	"	"	
m,p-Xylene	ND	4000	"	"	"	"	"	"	
o-Xylene	ND	2000	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*122 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*101 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*104 %*	*77-120*			"	"	"	"	
V-1 (B1G0573-01RE2) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
Acetone	ND	125000	ug/l	5000	1H07035	08/07/01	08/07/01	EPA 8260B	
Benzene	ND	5000	"	"	"	"	"	"	
Bromobenzene	ND	5000	"	"	"	"	"	"	
Bromochloromethane	ND	5000	"	"	"	"	"	"	
Bromodichloromethane	ND	5000	"	"	"	"	"	"	
Bromoform	ND	5000	"	"	"	"	"	"	
Bromomethane	ND	10000	"	"	"	"	"	"	
2-Butanone	ND	50000	"	"	"	"	"	"	
n-Butylbenzene	ND	5000	"	"	"	"	"	"	
sec-Butylbenzene	ND	5000	"	"	"	"	"	"	
tert-Butylbenzene	ND	5000	"	"	"	"	"	"	
Carbon disulfide	ND	5000	"	"	"	"	"	"	
Carbon tetrachloride	ND	5000	"	"	"	"	"	"	
Chlorobenzene	ND	5000	"	"	"	"	"	"	
Chloroethane	ND	5000	"	"	"	"	"	"	
Chloroform	ND	5000	"	"	"	"	"	"	
Chloromethane	ND	25000	"	"	"	"	"	"	
2-Chlorotoluene	ND	5000	"	"	"	"	"	"	
4-Chlorotoluene	ND	5000	"	"	"	"	"	"	
Dibromochloromethane	ND	5000	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25000	"	"	"	"	"	"	
1,2-Dibromoethane	ND	5000	"	"	"	"	"	"	
Dibromomethane	ND	5000	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01RE2) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
1,2-Dichlorobenzene	ND	5000	ug/l	5000	1H07035	08/07/01	08/07/01	EPA 8260B	
1,3-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5000	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5000	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5000	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5000	"	"	"	"	"	"	
`-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
.s-1,3-Dichloropropene	ND	5000	"	"	"	"	"	"	
Ethylbenzene	ND	5000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5000	"	"	"	"	"	"	
2-Hexanone	ND	50000	"	"	"	"	"	"	
Isopropylbenzene	ND	5000	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5000	"	"	"	"	"	"	
Methylene chloride	ND	25000	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	50000	"	"	"	"	"	"	
Naphthalene	ND	5000	"	"	"	"	"	"	
n-Propylbenzene	ND	5000	"	"	"	"	"	"	
Styrene	ND	5000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5000	"	"	"	"	"	"	
Tetrachloroethene	**85500**	5000	"	"	"	"	"	"	
Toluene	ND	5000	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5000	"	"	"	"	"	"	
Trichloroethene	ND	5000	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5000	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5000	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B1G0573-01RE2) Water Sampled: 07/24/01 12:30 Received: 07/24/01 16:10									
Vinyl chloride	ND	5000	ug/l	5000	1H07035	08/07/01	08/07/01	EPA 8260B	
m,p-Xylene	ND	10000	"	"	"	"	"	"	
o-Xylene	ND	5000	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*114 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*99.5 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*103 %*	*77-120*			"	"	"	"	
MW-2 (B1G0573-02) Water Sampled: 07/24/01 12:15 Received: 07/24/01 16:10									
Acetone	ND	25.0	ug/l	1	1H06042	08/06/01	08/06/01	EPA 8260B	
Benzene	**0.375**	0.200	"	"	"	"	"	"	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.200	"	"	"	"	"	"	
Bromodichloromethane	**0.338**	0.200	"	"	"	"	"	"	
Bromoform	**0.509**	0.200	"	"	"	"	"	"	
momethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	2.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.200	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.200	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon disulfide	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.200	"	"	"	"	"	"	
Chlorobenzene	ND	0.200	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	**4.29**	0.200	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.200	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.200	"	"	"	"	"	"	
Dibromomethane	ND	0.200	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.200	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.200	"	"	"	"	"	"	
1,1-Dichloroethene	**2.97**	0.200	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B1G0573-02) Water Sampled: 07/24/01 12:15 Received: 07/24/01 16:10									
cis-1,2-Dichloroethene	**129**	0.200	ug/l	1	1H06042	08/06/01	08/06/01	EPA 8260B	E
trans-1,2-Dichloroethene	**1.02**	0.200	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.200	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.200	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.200	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.200	"	"	"	"	"	"	
Ethylbenzene	**2.01**	0.200	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
2-Hexanone	ND	2.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.200	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	B
Methyl-2-pentanone	ND	2.00	"	"	"	"	"	"	
Naphthalene	**3.02**	0.500	"	"	"	"	"	"	
n-Propylbenzene	**0.920**	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	**13.1**	0.200	"	"	"	"	"	"	E
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	**2330**	0.200	"	"	"	"	"	"	E
Toluene	**48.3**	0.200	"	"	"	"	"	"	E
1,2,3-Trichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,1,1-Trichloroethane	**7.65**	0.200	"	"	"	"	"	"	E
1,1,2-Trichloroethane	ND	0.200	"	"	"	"	"	"	
Trichloroethene	**237**	0.200	"	"	"	"	"	"	E
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**7.90**	0.200	"	"	"	"	"	"	E
1,3,5-Trimethylbenzene	**2.01**	0.500	"	"	"	"	"	"	
Vinyl chloride	**0.457**	0.200	"	"	"	"	"	"	
m,p-Xylene	**7.07**	0.500	"	"	"	"	"	"	
o-Xylene	**5.81**	0.250	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*88.8 %*	*77-133*			"	"	"	"	
Surrogate: Toluene-d8	*200 %*	*80-120*			"	"	"	"	*S-04*
Surrogate: 4-BFB	*94.8 %*	*80-120*			"	"	"	"	
Acetone	ND	50000	"	2000	1H07035	08/07/01	08/07/01	"	

North Creek Analytical - Bothell

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B1G0573-02) Water Sampled: 07/24/01 12:15 Received: 07/24/01 16:10									
Benzene	ND	2000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
Bromobenzene	ND	2000	"	"	"	"	"	"	
Bromochloromethane	ND	2000	"	"	"	"	"	"	
Bromodichloromethane	ND	2000	"	"	"	"	"	"	
Bromoform	ND	2000	"	"	"	"	"	"	
Bromomethane	ND	4000	"	"	"	"	"	"	
2-Butanone	ND	20000	"	"	"	"	"	"	
n-Butylbenzene	ND	2000	"	"	"	"	"	"	
sec-Butylbenzene	ND	2000	"	"	"	"	"	"	
tert-Butylbenzene	ND	2000	"	"	"	"	"	"	
Carbon disulfide	ND	2000	"	"	"	"	"	"	
Carbon tetrachloride	ND	2000	"	"	"	"	"	"	
Chlorobenzene	ND	2000	"	"	"	"	"	"	
Chloroethane	ND	2000	"	"	"	"	"	"	
Chloroform	ND	2000	"	"	"	"	"	"	
Chloromethane	ND	10000	"	"	"	"	"	"	
2-Chlorotoluene	ND	2000	"	"	"	"	"	"	
4-Chlorotoluene	ND	2000	"	"	"	"	"	"	
Dibromochloromethane	ND	2000	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10000	"	"	"	"	"	"	
1,2-Dibromoethane	ND	2000	"	"	"	"	"	"	
Dibromomethane	ND	2000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2000	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2000	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2000	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2000	"	"	"	"	"	"	
Ethylbenzene	ND	2000	"	"	"	"	"	"	

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Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B1G0573-02) Water Sampled: 07/24/01 12:15 Received: 07/24/01 16:10									
Hexachlorobutadiene	ND	2000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
2-Hexanone	ND	20000	"	"	"	"	"	"	
Isopropylbenzene	ND	2000	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2000	"	"	"	"	"	"	
Methylene chloride	ND	10000	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	20000	"	"	"	"	"	"	
Naphthalene	ND	2000	"	"	"	"	"	"	
n-Propylbenzene	ND	2000	"	"	"	"	"	"	
Styrene	ND	2000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2000	"	"	"	"	"	"	
Tetrachloroethene	**161000**	2000	"	"	"	"	"	"	E
Toluene	ND	2000	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2000	"	"	"	"	"	"	
Trichloroethene	ND	2000	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2000	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2000	"	"	"	"	"	"	
Vinyl chloride	ND	2000	"	"	"	"	"	"	
m,p-Xylene	ND	4000	"	"	"	"	"	"	
o-Xylene	ND	2000	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*118 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*98.5 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*104 %*	*77-120*			"	"	"	"	

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B1G0573-02RE1) Water Sampled: 07/24/01 12:15 Received: 07/24/01 16:10									
Acetone	ND	250000	ug/l	10000	1H07035	08/07/01	08/07/01	EPA 8260B	
Benzene	ND	10000	"	"	"	"	"	"	
Bromobenzene	ND	10000	"	"	"	"	"	"	
Bromochloromethane	ND	10000	"	"	"	"	"	"	
Bromodichloromethane	ND	10000	"	"	"	"	"	"	
Bromoform	ND	10000	"	"	"	"	"	"	
Bromomethane	ND	20000	"	"	"	"	"	"	
2-Butanone	ND	100000	"	"	"	"	"	"	
n-Butylbenzene	ND	10000	"	"	"	"	"	"	
sec-Butylbenzene	ND	10000	"	"	"	"	"	"	
tert-Butylbenzene	ND	10000	"	"	"	"	"	"	
Carbon disulfide	ND	10000	"	"	"	"	"	"	
Carbon tetrachloride	ND	10000	"	"	"	"	"	"	
Chlorobenzene	ND	10000	"	"	"	"	"	"	
Chloroethane	ND	10000	"	"	"	"	"	"	
Chloroform	ND	10000	"	"	"	"	"	"	
Chloromethane	ND	50000	"	"	"	"	"	"	
2-Chlorotoluene	ND	10000	"	"	"	"	"	"	
4-Chlorotoluene	ND	10000	"	"	"	"	"	"	
Dibromochloromethane	ND	10000	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	50000	"	"	"	"	"	"	
1,2-Dibromoethane	ND	10000	"	"	"	"	"	"	
Dibromomethane	ND	10000	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10000	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	10000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	10000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	10000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	10000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	10000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	10000	"	"	"	"	"	"	
1,3-Dichloropropane	ND	10000	"	"	"	"	"	"	
2,2-Dichloropropane	ND	10000	"	"	"	"	"	"	
1,1-Dichloropropene	ND	10000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	10000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	10000	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B1G0573-02RE1) Water Sampled: 07/24/01 12:15 Received: 07/24/01 16:10									
Ethylbenzene	ND	10000	ug/l	10000	1H07035	08/07/01	08/07/01	EPA 8260B	
Hexachlorobutadiene	ND	10000	"	"	"	"	"	"	
2-Hexanone	ND	100000	"	"	"	"	"	"	
Isopropylbenzene	ND	10000	"	"	"	"	"	"	
p-Isopropyltoluene	ND	10000	"	"	"	"	"	"	
Methylene chloride	ND	50000	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	100000	"	"	"	"	"	"	
Naphthalene	ND	10000	"	"	"	"	"	"	
n-Propylbenzene	ND	10000	"	"	"	"	"	"	
Styrene	ND	10000	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	10000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	10000	"	"	"	"	"	"	
Tetrachloroethene	**176000**	10000	"	"	"	"	"	"	
Toluene	ND	10000	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	10000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	10000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	10000	"	"	"	"	"	"	
Trichloroethene	ND	10000	"	"	"	"	"	"	
Trichlorofluoromethane	ND	10000	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	10000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	10000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	10000	"	"	"	"	"	"	
Vinyl chloride	ND	10000	"	"	"	"	"	"	
m,p-Xylene	ND	20000	"	"	"	"	"	"	
o-Xylene	ND	10000	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*112 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*100 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*103 %*	*77-120*			"	"	"	"	

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B1G0573-03) Water Sampled: 07/24/01 11:15 Received: 07/24/01 16:10									
Acetone	ND	25.0	ug/l	1	1H06042	08/06/01	08/06/01	EPA 8260B	
Benzene	**0.524**	0.200	"	"	"	"	"	"	
Bromobenzene	ND	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.200	"	"	"	"	"	"	
Bromodichloromethane	ND	0.200	"	"	"	"	"	"	
Bromoform	ND	0.200	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	2.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.200	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.200	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.500	"	"	"	"	"	"	
Carbon disulfide	ND	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.200	"	"	"	"	"	"	
Chlorobenzene	ND	0.200	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	**1.06**	0.200	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.200	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.200	"	"	"	"	"	"	
Dibromomethane	ND	0.200	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.200	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	**0.933**	0.200	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.200	"	"	"	"	"	"	
1,1-Dichloroethene	**17.0**	0.200	"	"	"	"	"	"	E
cis-1,2-Dichloroethene	ND	0.200	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**3.71**	0.200	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.200	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.200	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.200	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.200	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B1G0573-03) Water Sampled: 07/24/01 11:15 Received: 07/24/01 16:10									
Ethylbenzene	**0.459**	0.200	ug/l	1	1H06042	08/06/01	08/06/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	"	"	"	"	"	"	
2-Hexanone	ND	2.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.200	"	"	"	"	"	"	
Methylene chloride	**6.20**	5.00	"	"	"	"	"	"	E
4-Methyl-2-pentanone	ND	2.00	"	"	"	"	"	"	
Naphthalene	**0.643**	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.500	"	"	"	"	"	"	
Styrene	ND	0.500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.200	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	**1900**	0.200	"	"	"	"	"	"	E
Toluene	**6.93**	0.200	"	"	"	"	"	"	E
,3-Trichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.200	"	"	"	"	"	"	
1,1,1-Trichloroethane	**0.669**	0.200	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.200	"	"	"	"	"	"	
Trichloroethene	**385**	0.200	"	"	"	"	"	"	E
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.589**	0.200	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	**42.5**	0.200	"	"	"	"	"	"	E
m,p-Xylene	**1.09**	0.500	"	"	"	"	"	"	
o-Xylene	**1.01**	0.250	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*86.8 %*	*77-133*			"	"	"	"	
Surrogate: Toluene-d8	*168 %*	*80-120*			"	"	"	"	*S-04*
Surrogate: 4-BFB	*92.0 %*	*80-120*			"	"	"	"	
Acetone	ND	50000	"	2000	1H07035	08/07/01	08/07/01	"	
Benzene	ND	2000	"	"	"	"	"	"	
Bromobenzene	ND	2000	"	"	"	"	"	"	
Bromochloromethane	ND	2000	"	"	"	"	"	"	
Bromodichloromethane	ND	2000	"	"	"	"	"	"	
Bromoform	ND	2000	"	"	"	"	"	"	
Bromomethane	ND	4000	"	"	"	"	"	"	
2-Butanone	ND	20000	"	"	"	"	"	"	
n-Butylbenzene	ND	2000	"	"	"	"	"	"	

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

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Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B1G0573-03) Water Sampled: 07/24/01 11:15 Received: 07/24/01 16:10									
sec-Butylbenzene	ND	2000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
tert-Butylbenzene	ND	2000	"	"	"	"	"	"	
Carbon disulfide	ND	2000	"	"	"	"	"	"	
Carbon tetrachloride	ND	2000	"	"	"	"	"	"	
Chlorobenzene	ND	2000	"	"	"	"	"	"	
Chloroethane	ND	2000	"	"	"	"	"	"	
Chloroform	ND	2000	"	"	"	"	"	"	
Chloromethane	ND	10000	"	"	"	"	"	"	
2-Chlorotoluene	ND	2000	"	"	"	"	"	"	
4-Chlorotoluene	ND	2000	"	"	"	"	"	"	
Dibromochloromethane	ND	2000	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10000	"	"	"	"	"	"	
1,2-Dibromoethane	ND	2000	"	"	"	"	"	"	
Dibromomethane	ND	2000	"	"	"	"	"	"	
Dichlorobenzene	ND	2000	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2000	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2000	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2000	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2000	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2000	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2000	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2000	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2000	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2000	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2000	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2000	"	"	"	"	"	"	
Ethylbenzene	ND	2000	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2000	"	"	"	"	"	"	
2-Hexanone	ND	20000	"	"	"	"	"	"	
Isopropylbenzene	ND	2000	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2000	"	"	"	"	"	"	
Methylene chloride	ND	10000	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	20000	"	"	"	"	"	"	
Naphthalene	ND	2000	"	"	"	"	"	"	
n-Propylbenzene	ND	2000	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B1G0573-03) Water Sampled: 07/24/01 11:15 Received: 07/24/01 16:10									
Styrene	ND	2000	ug/l	2000	1H07035	08/07/01	08/07/01	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2000	"	"	"	"	"	"	
Tetrachloroethene	**47700**	2000	"	"	"	"	"	"	
Toluene	ND	2000	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2000	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2000	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2000	"	"	"	"	"	"	
Trichloroethene	ND	2000	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2000	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2000	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2000	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2000	"	"	"	"	"	"	
Vinyl chloride	ND	2000	"	"	"	"	"	"	
m,p-Xylene	ND	4000	"	"	"	"	"	"	
o-Xylene	ND	2000	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*122 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*100 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*105 %*	*77-120*			"	"	"	"	
P072401 (B1G0573-04) Water Sampled: 07/24/01 12:45 Received: 07/24/01 16:10									
Acetone	ND	12500	ug/l	500	1H07035	08/07/01	08/07/01	EPA 8260B	
Benzene	ND	500	"	"	"	"	"	"	
Bromobenzene	ND	500	"	"	"	"	"	"	
Bromochloromethane	ND	500	"	"	"	"	"	"	
Bromodichloromethane	ND	500	"	"	"	"	"	"	
Bromoform	ND	500	"	"	"	"	"	"	
Bromomethane	ND	1000	"	"	"	"	"	"	
2-Butanone	ND	5000	"	"	"	"	"	"	
n-Butylbenzene	ND	500	"	"	"	"	"	"	
sec-Butylbenzene	ND	500	"	"	"	"	"	"	
tert-Butylbenzene	ND	500	"	"	"	"	"	"	
Carbon disulfide	ND	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	500	"	"	"	"	"	"	
Chlorobenzene	ND	500	"	"	"	"	"	"	
Chloroethane	ND	500	"	"	"	"	"	"	
Chloroform	ND	500	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
P072401 (B1G0573-04) Water Sampled: 07/24/01 12:45 Received: 07/24/01 16:10									
Chloromethane	ND	2500	ug/l	500	1H07035	08/07/01	08/07/01	EPA 8260B	
2-Chlorotoluene	ND	500	"	"	"	"	"	"	
4-Chlorotoluene	ND	500	"	"	"	"	"	"	
Dibromochloromethane	ND	500	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	500	"	"	"	"	"	"	
Dibromomethane	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
Ethylbenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
2-Hexanone	ND	5000	"	"	"	"	"	"	
Isopropylbenzene	ND	500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	500	"	"	"	"	"	"	
Methylene chloride	ND	2500	"	"	"	"	"	"	B
4-Methyl-2-pentanone	ND	5000	"	"	"	"	"	"	
Naphthalene	ND	500	"	"	"	"	"	"	
n-Propylbenzene	ND	500	"	"	"	"	"	"	
Styrene	ND	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
Tetrachloroethene	**16700**	500	"	"	"	"	"	"	
Toluene	ND	500	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
P072401 (B1G0573-04) Water	**Sampled: 07/24/01 12:45**		**Received: 07/24/01 16:10**						
1,1,1-Trichloroethane	ND	500	ug/l	500	1H07035	08/07/01	08/07/01	EPA 8260B	
1,1,2-Trichloroethane	ND	500	"	"	"	"	"	"	
Trichloroethene	ND	500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	500	"	"	"	"	"	"	
m,p-Xylene	ND	1000	"	"	"	"	"	"	
o-Xylene	ND	500	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*115 %*	*73-137*			"	"	"	"	
Surrogate: Toluene-d8	*100 %*	*75-124*			"	"	"	"	
Surrogate: 4-BFB	*99.0 %*	*77-120*			"	"	"	"	

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H06042: Prepared 08/06/01 Using EPA 5030B [P/T]										
Blank (1H06042-BLK1)										
Acetone	ND	25.0	ug/l							
Benzene	ND	0.200	"							
Bromobenzene	ND	0.500	"							
Bromochloromethane	ND	0.200	"							
Bromodichloromethane	ND	0.200	"							
Bromoform	ND	0.200	"							
Bromomethane	ND	2.00	"							
2-Butanone	ND	2.00	"							
n-Butylbenzene	ND	0.200	"							
sec-Butylbenzene	ND	0.200	"							
tert-Butylbenzene	ND	0.500	"							
Carbon disulfide	ND	0.500	"							
Carbon tetrachloride	ND	0.200	"							
Chlorobenzene	ND	0.200	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.200	"							
Chloromethane	ND	1.00	"							
2-Chlorotoluene	ND	0.500	"							
4-Chlorotoluene	ND	0.500	"							
Dibromochloromethane	ND	0.200	"							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.200	"							
Dibromomethane	ND	0.200	"							
1,2-Dichlorobenzene	ND	0.200	"							
1,3-Dichlorobenzene	ND	0.200	"							
1,4-Dichlorobenzene	ND	0.200	"							
Dichlorodifluoromethane	ND	0.500	"							
1,1-Dichloroethane	ND	0.200	"							
1,2-Dichloroethane	ND	0.200	"							
1,1-Dichloroethene	ND	0.200	"							
cis-1,2-Dichloroethene	ND	0.200	"							
trans-1,2-Dichloroethene	ND	0.200	"							
1,2-Dichloropropane	ND	0.200	"							
1,3-Dichloropropane	ND	0.200	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H06042: Prepared 08/06/01 Using EPA 5030B [P/T]										
Blank (1H06042-BLK1)										
2,2-Dichloropropane	ND	0.500	ug/l							
1,1-Dichloropropene	ND	0.200	"							
cis-1,3-Dichloropropene	ND	0.200	"							
trans-1,3-Dichloropropene	ND	0.200	"							
Ethylbenzene	ND	0.200	"							
Hexachlorobutadiene	ND	0.500	"							
2-Hexanone	ND	2.00	"							
Isopropylbenzene	ND	0.500	"							
p-Isopropyltoluene	ND	0.200	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	2.00	"							
Naphthalene	ND	0.500	"							
opylbenzene	ND	0.500	"							
tyrene	ND	0.500	"							
,1,1,2-Tetrachloroethane	ND	0.200	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.200	"							
Toluene	ND	0.200	"							
1,2,3-Trichlorobenzene	ND	0.200	"							
1,2,4-Trichlorobenzene	ND	0.200	"							
1,1,1-Trichloroethane	ND	0.200	"							
1,1,2-Trichloroethane	ND	0.200	"							
Trichloroethene	ND	0.200	"							
Trichlorofluoromethane	ND	0.500	"							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.200	"							
1,3,5-Trimethylbenzene	ND	0.500	"							
Vinyl chloride	ND	0.200	"							
m,p-Xylene	ND	0.500	"							
o-Xylene	ND	0.250	"							
Surrogate: 1,2-DCA-d4	*4.13*		"	*4.00*		*103*	*77-133*			
Surrogate: Toluene-d8	*4.12*		"	*4.00*		*103*	*80-120*			
Surrogate: 4-BFB	*4.13*		"	*4.00*		*103*	*80-120*			

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Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle WA, 98101

Project: American Linen/Seattle
Project Number: 8673-001-01
Project Manager: Dave Cook

Amended Report
Issued: 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H06042: Prepared 08/06/01 Using EPA 5030B [P/T]										
LCS (1H06042-BS1)										
Benzene	1.96	0.200	ug/l	2.00		98.0	80-130			
Chlorobenzene	1.99	0.200	"	2.00		99.5	80-120			
1,1-Dichloroethene	2.28	0.200	"	2.00		114	80-120			
Toluene	1.88	0.200	"	2.00		94.0	80-120			
Trichloroethene	2.03	0.200	"	2.00		102	70-130			
Surrogate: 1,2-DCA-d4	*4.11*		"	*4.00*		*103*	*77-133*			
Surrogate: Toluene-d8	*3.81*		"	*4.00*		*95.2*	*80-120*			
Surrogate: 4-BFB	*4.05*		"	*4.00*		*101*	*80-120*			
LCS Dup (1H06042-BSD1)										
Benzene	1.91	0.200	ug/l	2.00		95.5	80-130	2.58	20	
Chlorobenzene	1.92	0.200	"	2.00		96.0	80-120	3.58	20	
Dichloroethene	2.00	0.200	"	2.00		100	80-120	13.1	30	
Toluene	1.95	0.200	"	2.00		97.5	80-120	3.66	20	
Trichloroethene	1.98	0.200	"	2.00		99.0	70-130	2.49	20	
Surrogate: 1,2-DCA-d4	*4.03*		"	*4.00*		*101*	*77-133*			
Surrogate: Toluene-d8	*4.04*		"	*4.00*		*101*	*80-120*			
Surrogate: 4-BFB	*3.91*		"	*4.00*		*97.8*	*80-120*			
Batch 1H07035: Prepared 08/07/01 Using EPA 5030B [P/T]										
Blank (1H07035-BLK1)										
Acetone	ND	25.0	ug/l							
Benzene	ND	1.00	"							
Bromobenzene	ND	1.00	"							
Bromochloromethane	ND	1.00	"							
Bromodichloromethane	ND	1.00	"							
Bromoform	ND	1.00	"							
Bromomethane	ND	2.00	"							
2-Butanone	ND	10.0	"							
n-Butylbenzene	ND	1.00	"							
sec-Butylbenzene	ND	1.00	"							
tert-Butylbenzene	ND	1.00	"							
Carbon disulfide	ND	1.00	"							
Carbon tetrachloride	ND	1.00	"							
Chlorobenzene	ND	1.00	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H07035: Prepared 08/07/01 Using EPA 5030B [P/T]										
Blank (1H07035-BLK1)										
Chloroethane	ND	1.00	ug/l							
Chloroform	ND	1.00	"							
Chloromethane	ND	5.00	"							
2-Chlorotoluene	ND	1.00	"							
4-Chlorotoluene	ND	1.00	"							
Dibromochloromethane	ND	1.00	"							
1,2-Dibromo-3-chloropropane	ND	5.00	"							
1,2-Dibromoethane	ND	1.00	"							
Dibromomethane	ND	1.00	"							
1,2-Dichlorobenzene	ND	1.00	"							
1,3-Dichlorobenzene	ND	1.00	"							
' '-Dichlorobenzene	ND	1.00	"							
,lorodifluoromethane	ND	1.00	"							
1,1-Dichloroethane	ND	1.00	"							
1,2-Dichloroethane	ND	1.00	"							
1,1-Dichloroethene	ND	1.00	"							
cis-1,2-Dichloroethene	ND	1.00	"							
trans-1,2-Dichloroethene	ND	1.00	"							
1,2-Dichloropropane	ND	1.00	"							
1,3-Dichloropropane	ND	1.00	"							
2,2-Dichloropropane	ND	1.00	"							
1,1-Dichloropropene	ND	1.00	"							
cis-1,3-Dichloropropene	ND	1.00	"							
trans-1,3-Dichloropropene	ND	1.00	"							
Ethylbenzene	ND	1.00	"							
Hexachlorobutadiene	ND	1.00	"							
2-Hexanone	ND	10.0	"							
Isopropylbenzene	ND	1.00	"							
p-Isopropyltoluene	ND	1.00	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Naphthalene	ND	1.00	"							
n-Propylbenzene	ND	1.00	"							
Styrene	ND	1.00	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H07035: Prepared 08/07/01 Using EPA 5030B [P/T]										
Blank (1H07035-BLK1)										
1,1,1,2-Tetrachloroethane	ND	1.00	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.00	"							
Tetrachloroethene	ND	1.00	"							
Toluene	ND	1.00	"							
1,2,3-Trichlorobenzene	ND	1.00	"							
1,2,4-Trichlorobenzene	ND	1.00	"							
1,1,1-Trichloroethane	ND	1.00	"							
1,1,2-Trichloroethane	ND	1.00	"							
Trichloroethene	ND	1.00	"							
Trichlorofluoromethane	ND	1.00	"							
1,2,3-Trichloropropane	ND	1.00	"							
[illegible]4-Trimethylbenzene	ND	1.00	"							
[illegible]5-Trimethylbenzene	ND	1.00	"							
Vinyl chloride	ND	1.00	"							
m,p-Xylene	ND	2.00	"							
o-Xylene	ND	1.00	"							
Surrogate: 1,2-DCA-d4	*23.8*		"	*20.0*		*119*	*73-137*			
Surrogate: Toluene-d8	*19.5*		"	*20.0*		*97.5*	*75-124*			
Surrogate: 4-BFB	*21.1*		"	*20.0*		*106*	*77-120*			
LCS (1H07035-BS1)										
Benzene	9.85	1.00	ug/l	10.0		98.5	80-120			
Chlorobenzene	10.3	1.00	"	10.0		103	77-120			
1,1-Dichloroethene	9.36	1.00	"	10.0		93.6	80-120			
Toluene	9.63	1.00	"	10.0		96.3	80-120			
Trichloroethene	10.2	1.00	"	10.0		102	80-120			
Surrogate: 1,2-DCA-d4	*23.4*		"	*20.0*		*117*	*73-137*			
Surrogate: Toluene-d8	*19.9*		"	*20.0*		*99.5*	*75-124*			
Surrogate: 4-BFB	*21.2*		"	*20.0*		*106*	*77-120*			

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Amended Report**
Seattle WA, 98101	Project Manager: Dave Cook	**Issued:** 08/27/01 13:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H07035: Prepared 08/07/01 Using EPA 5030B [P/T]										
LCS Dup (1H07035-BSD1)										
Benzene	10.3	1.00	ug/l	10.0		103	80-120	4.47	20	
Chlorobenzene	10.8	1.00	"	10.0		108	77-120	4.74	20	
1,1-Dichloroethene	9.73	1.00	"	10.0		97.3	80-120	3.88	20	
Toluene	10.1	1.00	"	10.0		101	80-120	4.76	20	
Trichloroethene	10.6	1.00	"	10.0		106	80-120	3.85	20	
Surrogate: 1,2-DCA-d4	*23.9*		"	*20.0*		*120*	*73-137*			
Surrogate: Toluene-d8	*19.9*		"	*20.0*		*99.5*	*75-124*			
Surrogate: 4-BFB	*20.8*		"	*20.0*		*104*	*77-120*			
Matrix Spike (1H07035-MS1)					**Source: B1H0097-02**					
Benzene	9.76	1.00	ug/l	10.0	ND	97.6	75-125			
Chlorobenzene	9.56	1.00	"	10.0	ND	95.6	75-125			
Dichloroethene	8.96	1.00	"	10.0	ND	89.6	40-154			
Toluene	9.18	1.00	"	10.0	ND	89.0	72-125			
Trichloroethene	9.71	1.00	"	10.0	ND	97.1	73-131			
Surrogate: 1,2-DCA-d4	*22.4*		"	*20.0*		*112*	*73-137*			
Surrogate: Toluene-d8	*20.2*		"	*20.0*		*101*	*75-124*			
Surrogate: 4-BFB	*20.4*		"	*20.0*		*102*	*77-120*			
Matrix Spike Dup (1H07035-MSD1)					**Source: B1H0097-02**					
Benzene	10.7	1.00	ug/l	10.0	ND	107	75-125	9.19	20	
Chlorobenzene	10.5	1.00	"	10.0	ND	105	75-125	9.37	20	
1,1-Dichloroethene	9.77	1.00	"	10.0	ND	97.7	40-154	8.65	30	
Toluene	10.1	1.00	"	10.0	ND	98.2	72-125	9.54	20	
Trichloroethene	10.5	1.00	"	10.0	ND	105	73-131	7.82	20	
Surrogate: 1,2-DCA-d4	*22.7*		"	*20.0*		*114*	*73-137*			
Surrogate: Toluene-d8	*20.1*		"	*20.0*		*100*	*75-124*			
Surrogate: 4-BFB	*20.2*		"	*20.0*		*101*	*77-120*			

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Geo Engineers - Seattle 600 Stewart Street, Suite 1420 Seattle WA, 98101	Project: American Linen/Seattle Project Number: 8673-001-01 Project Manager: Dave Cook	**Amended Report** **Issued:** 08/27/01 13:21

Notes and Definitions

B	Analyte detected in the method blank.
E	Estimated value. The reported value exceeds the calibration range of the analysis.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Scott A. Woerman, Project Manager

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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: B160573

CLIENT: GeoEngineers
REPORT TO: Dave Cook
ADDRESS: 600 Stewart Seattle
PHONE: 206-728-2674 FAX: 206-728-2732

INVOICE TO:
P.O. NUMBER:

PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

TURNAROUND REQUEST in Business Days
Organic & Inorganic Analyses: ~~10~~ 7 5 4 3 2 1 STD.
Petroleum Hydrocarbon Analyses: 5 4 3 2 1 <1 STD.
OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charge

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	EPA 8260B	BETX	FOG	MATRIX (W, S, O)	# OF CONT.	COMMENTS
1.	MW-1	7/24/01 1230	X			W	2	
2.	MW-2	1215	X					
3.	MW-3	1115	X					
4.	P072401	1245	X	[redacted]				
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								

RELINQUISHED BY: Tina King
PRINT NAME: Tina King FIRM: GEI DATE: 7/24/01 TIME: 1415
RECEIVED BY: [redacted] TONY
PRINT NAME: BRADY FIRM: NCA DATE: 7 TIME: 1

RELINQUISHED BY:
PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: Please e-mail fax results to DaveCook@dcook@geoengineers.com
COC REV WCS 4-9 TEMP: PAGE 1

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24 August 2001

Dave Cook
Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle, WA 98101

RE: American Linen/Seattle

Enclosed are the results of analyses for samples received by the laboratory on 08/21/01 12:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott A. Woerman
Project Manager

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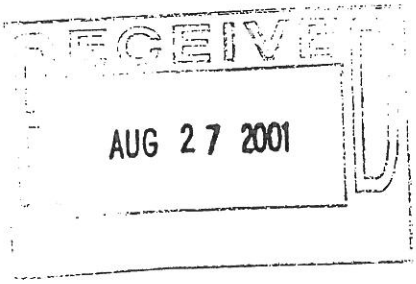
541.383.9310 fax 541.382.7588

Geo Engineers - Seattle 600 Stewart Street, Suite 1420 Seattle WA, 98101	Project: American Linen/Seattle Project Number: 8673-001-01 Project Manager: Dave Cook	**Reported:** 08/24/01 19:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp081701	B1H0455-01	Soil	08/17/01 12:00	08/21/01 12:25



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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp081701 (B1H0455-01) Soil Sampled: 08/17/01 12:00 Received: 08/21/01 12:25									
Dry Weight	68.3	1.00	%	1	1H23008	08/23/01	08/24/01	BSOPSPL003R07	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23046: Prepared 08/23/01 Using EPA 5030B [P/T]										
Blank (1H23046-BLK1)										
Acetone	ND	1.00	mg/kg							
Benzene	ND	0.100	"							
Bromobenzene	ND	0.100	"							
Bromochloromethane	ND	0.100	"							
Bromodichloromethane	ND	0.100	"							
Bromoform	ND	0.100	"							
Bromomethane	ND	0.100	"							
2-Butanone	ND	1.00	"							
n-Butylbenzene	ND	0.100	"							
sec-Butylbenzene	ND	0.100	"							
tert-Butylbenzene	ND	0.100	"							
Carbon disulfide	ND	0.100	"							
Carbon tetrachloride	ND	0.100	"							
Chlorobenzene	ND	0.100	"							
Chloroethane	ND	0.100	"							
Chloroform	ND	0.100	"							
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.100	"							
4-Chlorotoluene	ND	0.100	"							
Dibromochloromethane	ND	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.100	"							
Dibromomethane	ND	0.100	"							
1,2-Dichlorobenzene	ND	0.100	"							
1,3-Dichlorobenzene	ND	0.100	"							
1,4-Dichlorobenzene	ND	0.100	"							
Dichlorodifluoromethane	ND	0.100	"							
1,1-Dichloroethane	ND	0.100	"							
1,2-Dichloroethane	ND	0.100	"							
1,1-Dichloroethene	ND	0.100	"							
cis-1,2-Dichloroethene	ND	0.100	"							
trans-1,2-Dichloroethene	ND	0.100	"							
1,2-Dichloropropane	ND	0.100	"							
1,3-Dichloropropane	ND	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23046: Prepared 08/23/01 Using EPA 5030B [P/T]										
Blank (1H23046-BLK1)										
2,2-Dichloropropane	ND	0.100	mg/kg							
1,1-Dichloropropene	ND	0.100	"							
cis-1,3-Dichloropropene	ND	0.100	"							
trans-1,3-Dichloropropene	ND	0.100	"							
Ethylbenzene	ND	0.100	"							
Hexachlorobutadiene	ND	0.100	"							
2-Hexanone	ND	1.00	"							
Isopropylbenzene	ND	0.100	"							
p-Isopropyltoluene	ND	0.100	"							
Methylene chloride	ND	1.00	"							
4-Methyl-2-pentanone	ND	1.00	"							
·hthalene	ND	0.100	"							
· · ropylbenzene	ND	0.100	"							
Styrene	ND	0.100	"							
·,1,1,2-Tetrachloroethane	ND	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.100	"							
Tetrachloroethene	ND	0.100	"							
Toluene	ND	0.100	"							
1,2,3-Trichlorobenzene	ND	0.100	"							
1,2,4-Trichlorobenzene	ND	0.100	"							
1,1,1-Trichloroethane	ND	0.100	"							
1,1,2-Trichloroethane	ND	0.100	"							
Trichloroethene	ND	0.100	"							
Trichlorofluoromethane	ND	0.100	"							
1,2,3-Trichloropropane	ND	0.100	"							
1,2,4-Trimethylbenzene	ND	0.100	"							
1,3,5-Trimethylbenzene	ND	0.100	"							
Vinyl chloride	ND	0.100	"							
m,p-Xylene	ND	0.200	"							
o-Xylene	ND	0.100	"							
Surrogate: 1,2-DCA-d4	*4.71*		"	*4.00*		*118*	*57-139*			
Surrogate: Toluene-d8	*4.26*		"	*4.00*		*106*	*66-122*			
Surrogate: 4-BFB	*4.16*		"	*4.00*		*104*	*62-121*			

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23046: Prepared 08/23/01 Using EPA 5030B [P/T]										
Blank (1H23046-BLK2)										
Acetone	ND	1.00	mg/kg							
Benzene	ND	0.100	"							
Bromobenzene	ND	0.100	"							
Bromochloromethane	ND	0.100	"							
Bromodichloromethane	ND	0.100	"							
Bromoform	ND	0.100	"							
Bromomethane	ND	0.100	"							
2-Butanone	ND	1.00	"							
n-Butylbenzene	ND	0.100	"							
sec-Butylbenzene	ND	0.100	"							
tert-Butylbenzene	ND	0.100	"							
Carbon disulfide	ND	0.100	"							
Carbon tetrachloride	ND	0.100	"							
Chlorobenzene	ND	0.100	"							
Chloroethane	ND	0.100	"							
Chloroform	ND	0.100	"							
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.100	"							
4-Chlorotoluene	ND	0.100	"							
Dibromochloromethane	ND	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.100	"							
Dibromomethane	ND	0.100	"							
1,2-Dichlorobenzene	ND	0.100	"							
1,3-Dichlorobenzene	ND	0.100	"							
1,4-Dichlorobenzene	ND	0.100	"							
Dichlorodifluoromethane	ND	0.100	"							
1,1-Dichloroethane	ND	0.100	"							
1,2-Dichloroethane	ND	0.100	"							
1,1-Dichloroethene	ND	0.100	"							
cis-1,2-Dichloroethene	ND	0.100	"							
trans-1,2-Dichloroethene	ND	0.100	"							
1,2-Dichloropropane	ND	0.100	"							
1,3-Dichloropropane	ND	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23046: Prepared 08/23/01 Using EPA 5030B [P/T]										
Blank (1H23046-BLK2)										
2,2-Dichloropropane	ND	0.100	mg/kg							
1,1-Dichloropropene	ND	0.100	"							
cis-1,3-Dichloropropene	ND	0.100	"							
trans-1,3-Dichloropropene	ND	0.100	"							
Ethylbenzene	ND	0.100	"							
Hexachlorobutadiene	ND	0.100	"							
2-Hexanone	ND	1.00	"							
Isopropylbenzene	ND	0.100	"							
p-Isopropyltoluene	ND	0.100	"							
Methylene chloride	ND	1.00	"							
4-Methyl-2-pentanone	ND	1.00	"							
hthalene	ND	0.100	"							
ropylbenzene	ND	0.100	"							
Styrene	ND	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.100	"							
Tetrachloroethene	ND	0.100	"							
Toluene	ND	0.100	"							
1,2,3-Trichlorobenzene	ND	0.100	"							
1,2,4-Trichlorobenzene	ND	0.100	"							
1,1,1-Trichloroethane	ND	0.100	"							
1,1,2-Trichloroethane	ND	0.100	"							
Trichloroethene	ND	0.100	"							
Trichlorofluoromethane	ND	0.100	"							
1,2,3-Trichloropropane	ND	0.100	"							
1,2,4-Trimethylbenzene	ND	0.100	"							
1,3,5-Trimethylbenzene	ND	0.100	"							
Vinyl chloride	ND	0.100	"							
m,p-Xylene	ND	0.200	"							
o-Xylene	ND	0.100	"							
Surrogate: 1,2-DCA-d4	*4.08*		"	*4.00*		*102*	*57-139*			
Surrogate: Toluene-d8	*4.31*		"	*4.00*		*108*	*66-122*			
Surrogate: 4-BFB	*4.05*		"	*4.00*		*101*	*62-121*			

th Creek Analytical - Bothell

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541.383.9310 fax 541.382.7588

Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23046: Prepared 08/23/01 Using EPA 5030B [P/T]										
LCS (1H23046-BS1)										
Benzene	1.00	0.100	mg/kg	1.00		100	73-133			
Chlorobenzene	0.990	0.100	"	1.00		99.0	69-130			
1,1-Dichloroethene	0.891	0.100	"	1.00		89.1	51-130			
Toluene	0.951	0.100	"	1.00		95.1	68-130			
Trichloroethene	0.886	0.100	"	1.00		88.6	66-135			
Surrogate: 1,2-DCA-d4	*4.88*		"	*4.00*		*122*	*57-139*			
Surrogate: Toluene-d8	*4.20*		"	*4.00*		*105*	*66-122*			
Surrogate: 4-BFB	*4.10*		"	*4.00*		*102*	*62-121*			
LCS Dup (1H23046-BSD1)										
Benzene	1.02	0.100	mg/kg	1.00		102	73-133	1.98	20	
Chlorobenzene	0.983	0.100	"	1.00		98.3	69-130	0.710	20	
Dichloroethene	0.964	0.100	"	1.00		96.4	51-130	7.87	20	
Toluene	0.986	0.100	"	1.00		98.6	68-130	3.61	20	
Trichloroethene	0.911	0.100	"	1.00		91.1	66-135	2.78	20	
Surrogate: 1,2-DCA-d4	*4.61*		"	*4.00*		*115*	*57-139*			
Surrogate: Toluene-d8	*4.23*		"	*4.00*		*106*	*66-122*			
Surrogate: 4-BFB	*4.04*		"	*4.00*		*101*	*62-121*			
Matrix Spike (1H23046-MS1)					**Source: B1H0455-01**					
Benzene	1.17	0.100	mg/kg dry	1.46	ND	80.1	62-138			
Chlorobenzene	1.16	0.100	"	1.46	ND	79.5	56-132			
1,1-Dichloroethene	0.983	0.100	"	1.46	ND	67.3	41-131			
Toluene	1.14	0.100	"	1.46	ND	78.1	44-133			
Trichloroethene	1.19	0.100	"	1.46	0.137	72.1	61-139			
Surrogate: 1,2-DCA-d4	*5.84*		"	*5.86*		*99.7*	*57-139*			
Surrogate: Toluene-d8	*5.59*		"	*5.86*		*95.4*	*66-122*			
Surrogate: 4-BFB	*5.33*		"	*5.86*		*91.0*	*62-121*			

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23046: Prepared 08/23/01 Using EPA 5030B [P/T]										
Matrix Spike Dup (1H23046-MSD1)					**Source: B1H0455-01**					
Benzene	1.11	0.100	mg/kg dry	1.46	ND	76.0	62-138	5.26	25	
Chlorobenzene	1.14	0.100	"	1.46	ND	78.1	56-132	1.74	25	
1,1-Dichloroethene	0.893	0.100	"	1.46	ND	61.2	41-131	9.59	25	
Toluene	1.09	0.100	"	1.46	ND	74.7	44-133	4.48	25	
Trichloroethene	1.15	0.100	"	1.46	0.137	69.4	61-139	3.42	25	
Surrogate: 1,2-DCA-d4	*6.01*		"	*5.86*		*103*	*57-139*			
Surrogate: Toluene-d8	*5.54*		"	*5.86*		*94.5*	*66-122*			
Surrogate: 4-BFB	*5.24*		"	*5.86*		*89.4*	*62-121*			

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541.383.9310 fax 541.382.7588

Geo Engineers - Seattle 600 Stewart Street, Suite 1420 Seattle WA, 98101	Project: American Linen/Seattle Project Number: 8673-001-01 Project Manager: Dave Cook	**Reported:** 08/24/01 19:14

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H23008: Prepared 08/23/01 Using Dry Weight										
Blank (1H23008-BLK1)										
Dry Weight	100	1.00	%							

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541.383.9310 fax 541.382.7588

Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/24/01 19:14

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

th Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: B1H0455

CLIENT: GEI

REPORT TO: Dave Cook

ADDRESS: Geo Engineers, Inc
Seattle, WA

PHONE: 206 723 2674 FAX:

INVOICE TO: Dave Cook
GEI Seattle office

P.O. NUMBER:

PROJECT NAME: American Lwen

PROJECT NUMBER: 3673-001-01

SAMPLED BY: GJA

TURNAROUND REQUEST in Business D

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | X | 2 | 1

STD. Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1

STD. OTHER Please Specify

*Turnaround Requests less than standard may incur Rush C.

REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Soil-TPH Dx 8260B	MATRIX (W, S, O)	# OF CONT.	COMMENTS
1. Comp091701	9/17/01 —	X	S	2	
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

RELINQUISHED BY: DATE: 9/20/01
PRINT NAME: Greg J Andrews FIRM: GEI TIME: 0900

RECEIVED BY: DAT
PRINT NAME: FIRM: NCA TIM

RELINQUISHED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DAT
PRINT NAME: FIRM: TIM

ADDITIONAL REMARKS:

TEMP: W/O 2.8 PA

COC

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Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

3 August, 2001

AUG 20 2001

Dave Cook
Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle, WA 98101

RE: American Linen/Seattle

Enclosed are the results of analyses for samples received by the laboratory on 07/23/01 14:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott A. Woerman
Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-13-32.5	B1G0503-04	Soil (87.18% dry wt.)	07/20/01 11:20	07/23/01 14:15
SB4-7-17.5	B1G0503-07	Soil (83.62% dry wt.)	07/18/01 10:27	07/23/01 14:15
SB4-4-10	B1G0503-06	Soil (90.68% dry wt.)	07/18/01 09:55	07/23/01 14:15
MW1-3-8	B1G0503-01	Soil (86.48% dry wt.)	07/20/01 08:56	07/23/01 14:15
MW1-8-20	B1G0503-02	Soil (88.04% dry wt.)	07/20/01 09:55	07/23/01 14:15
SB4-15-37.5	B1G0503-09	Soil (88.20% dry wt.)	07/18/01 14:10	07/23/01 14:15
MW1-11-27.5	B1G0503-03	Soil (91.34% dry wt.)	07/20/01 10:45	07/23/01 14:15
SB4-13-32.5	B1G0503-08	Soil (86.53% dry wt.)	07/18/01 13:55	07/23/01 14:15

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-3-8 (B1G0503-01) Soil Sampled: 07/20/01 08:56 Received: 07/23/01 14:15										
Acetone	**0.214**	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	J
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
C[illegible]robenzene	ND	0.0150	0.100	"	"	"	"	"	"	
[illegible]oethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]hloromethane	ND	0.0110	0.500	"	"	"	"	"	"	
[illegible]-Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-3-8 (B1G0503-01RE1) Soil	**Sampled: 07/20/01 08:56**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	1.90	10.0	mg/kg dry	100	1G24032	07/24/01	07/25/01	EPA 8260B	
Hexachlorobutadiene	ND	2.10	10.0	"	"	"	"	"	"	
2-Hexanone	ND	4.80	100	"	"	"	"	"	"	
Isopropylbenzene	ND	1.90	10.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.70	10.0	"	"	"	"	"	"	
Methylene chloride	**20.9**	1.70	100	"	"	"	"	"	"	B,J
4-Methyl-2-pentanone	ND	6.50	100	"	"	"	"	"	"	
Naphthalene	ND	1.40	10.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.60	10.0	"	"	"	"	"	"	
Styrene	ND	1.70	10.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.50	10.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.40	10.0	"	"	"	"	"	"	
Tetrachloroethene	**19.9**	1.80	10.0	"	"	"	"	"	"	
Toluene	ND	1.80	10.0	"	"	"	"	"	"	
Trichlorobenzene	ND	1.20	10.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.10	10.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.00	10.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	10.0	"	"	"	"	"	"	
Trichloroethene	ND	2.30	10.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.50	10.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.50	10.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.900	10.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.80	10.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.30	10.0	"	"	"	"	"	"	
m,p-Xylene	ND	3.70	20.0	"	"	"	"	"	"	
o-Xylene	ND	1.70	10.0	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*92.5 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*85.8 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*95.7 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
)0 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
eattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-8-20 (B1G0503-02) Soil Sampled: 07/20/01 09:55 Received: 07/23/01 14:15										
Acetone	ND	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
oethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
loromethane	ND	0.0110	0.500	"	"	"	"	"	"	
Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-8-20 (B1G0503-02) Soil	**Sampled: 07/20/01 09:55**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.0671**	0.0170	1.00	"	"	"	"	"	"	J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	**0.0661**	0.0140	0.100	"	"	"	"	"	"	J
n-Propylbenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**219**	0.0180	0.100	"	"	"	"	"	"	E
Toluene	ND	0.0180	0.100	"	"	"	"	"	"	
-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	**0.0622**	0.0230	0.100	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.169**	0.00900	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*103 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*91.0 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*99.8 %*		*62-121*			"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-8-20 (B1G0503-02RE1) Soil	**Sampled: 07/20/01 09:55**		**Received: 07/23/01 14:15**							
Acetone	ND	26.0	400	mg/kg dry	400	1G24032	07/24/01	07/25/01	EPA 8260B	
Benzene	ND	7.60	40.0	"	"	"	"	"	"	
Bromobenzene	ND	5.60	40.0	"	"	"	"	"	"	
Bromochloromethane	ND	8.80	40.0	"	"	"	"	"	"	
Bromodichloromethane	ND	6.00	40.0	"	"	"	"	"	"	
Bromoform	ND	3.60	40.0	"	"	"	"	"	"	
Bromomethane	ND	9.20	40.0	"	"	"	"	"	"	
2-Butanone	ND	28.8	400	"	"	"	"	"	"	
n-Butylbenzene	ND	7.20	40.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	7.20	40.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	7.20	40.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.80	40.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.00	40.0	"	"	"	"	"	"	
C[illegible]robenzene	ND	6.00	40.0	"	"	"	"	"	"	
[illegible]oethane	ND	5.60	40.0	"	"	"	"	"	"	
Chloroform	ND	7.20	40.0	"	"	"	"	"	"	
Chloromethane	ND	4.40	200	"	"	"	"	"	"	
[illegible]-Chlorotoluene	ND	6.40	40.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	6.00	40.0	"	"	"	"	"	"	
Dibromochloromethane	ND	4.00	40.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	11.2	200	"	"	"	"	"	"	
1,2-Dibromoethane	ND	5.20	40.0	"	"	"	"	"	"	
Dibromomethane	ND	7.20	40.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.00	40.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.20	40.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.40	40.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	11.6	40.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	8.00	40.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10.0	40.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.60	40.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	10.4	40.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.20	40.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	7.20	40.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.60	40.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.20	40.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	8.80	40.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.60	40.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	3.60	40.0	"	"	"	"	"	"	

N[illegible]h Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-8-20 (B1G0503-02RE1) Soil	**Sampled: 07/20/01 09:55**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	7.60	40.0	mg/kg dry	400	1G24032	07/24/01	07/25/01	EPA 8260B	
Hexachlorobutadiene	ND	8.40	40.0	"	"	"	"	"	"	
2-Hexanone	ND	19.2	400	"	"	"	"	"	"	
Isopropylbenzene	ND	7.60	40.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	6.80	40.0	"	"	"	"	"	"	
Methylene chloride	**99.0**	6.80	400	"	"	"	"	"	"	B,J
4-Methyl-2-pentanone	ND	26.0	400	"	"	"	"	"	"	
Naphthalene	ND	5.60	40.0	"	"	"	"	"	"	
n-Propylbenzene	ND	6.40	40.0	"	"	"	"	"	"	
Styrene	ND	6.80	40.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	6.00	40.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.60	40.0	"	"	"	"	"	"	
Tetrachloroethene	**237**	7.20	40.0	"	"	"	"	"	"	
T[illegible]ene	ND	7.20	40.0	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	4.80	40.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	4.40	40.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.00	40.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	8.00	40.0	"	"	"	"	"	"	
Trichloroethene	ND	9.20	40.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	6.00	40.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	6.00	40.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	3.60	40.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	7.20	40.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.20	40.0	"	"	"	"	"	"	
m,p-Xylene	ND	14.8	80.0	"	"	"	"	"	"	
o-Xylene	ND	6.80	40.0	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*101 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*93.0 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*104 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-11-27.5 (B1G0503-03) Soil	**Sampled: 07/20/01 10:45**		**Received: 07/23/01 14:15**							
Acetone	ND	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
C[illegible]robenzene	ND	0.0150	0.100	"	"	"	"	"	"	
[illegible]oethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
hloromethane	ND	0.0110	0.500	"	"	"	"	"	"	
-Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-11-27.5 (B1G0503-03) Soil	**Sampled: 07/20/01 10:45**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.0612**	0.0170	1.00	"	"	"	"	"	"	J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.0140	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**9.21**	0.0180	0.100	"	"	"	"	"	"	E
Toluene	ND	0.0180	0.100	"	"	"	"	"	"	
-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	**0.0706**	0.0230	0.100	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.0576**	0.00900	0.100	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*106 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*92.7 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*98.4 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-11-27.5 (B1G0503-03RE1) Soil	**Sampled: 07/20/01 10:45**		**Received: 07/23/01 14:15**							
Acetone	ND	0.260	4.00	mg/kg dry	4	1G24032	07/24/01	07/25/01	EPA 8260B	
Benzene	ND	0.0760	0.400	"	"	"	"	"	"	
Bromobenzene	ND	0.0560	0.400	"	"	"	"	"	"	
Bromochloromethane	ND	0.0880	0.400	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0600	0.400	"	"	"	"	"	"	
Bromoform	ND	0.0360	0.400	"	"	"	"	"	"	
Bromomethane	ND	0.0920	0.400	"	"	"	"	"	"	
2-Butanone	ND	0.288	4.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0720	0.400	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0720	0.400	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0720	0.400	"	"	"	"	"	"	
Carbon disulfide	ND	0.0280	0.400	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0600	0.400	"	"	"	"	"	"	
Chlorobenzene	ND	0.0600	0.400	"	"	"	"	"	"	
oethane	ND	0.0560	0.400	"	"	"	"	"	"	
Chloroform	ND	0.0720	0.400	"	"	"	"	"	"	
hloromethane	ND	0.0440	2.00	"	"	"	"	"	"	
Chlorotoluene	ND	0.0640	0.400	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0600	0.400	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0400	0.400	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.112	2.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0520	0.400	"	"	"	"	"	"	
Dibromomethane	ND	0.0720	0.400	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0600	0.400	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0520	0.400	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0640	0.400	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.116	0.400	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0800	0.400	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.100	0.400	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0560	0.400	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.104	0.400	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0520	0.400	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0720	0.400	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0560	0.400	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0520	0.400	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0880	0.400	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0560	0.400	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0360	0.400	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-11-27.5 (B1G0503-03RE1) Soil	**Sampled: 07/20/01 10:45 Received: 07/23/01 14:15**									
Ethylbenzene	ND	0.0760	0.400	mg/kg dry	4	1G24032	07/24/01	07/25/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0840	0.400	"	"	"	"	"	"	
2-Hexanone	ND	0.192	4.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0760	0.400	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0680	0.400	"	"	"	"	"	"	
Methylene chloride	**0.406**	0.0680	4.00	"	"	"	"	"	"	B,J
4-Methyl-2-pentanone	ND	0.260	4.00	"	"	"	"	"	"	
Naphthalene	ND	0.0560	0.400	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0640	0.400	"	"	"	"	"	"	
Styrene	ND	0.0680	0.400	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0600	0.400	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0560	0.400	"	"	"	"	"	"	
Tetrachloroethene	**16.4**	0.0720	0.400	"	"	"	"	"	"	
T[illegible]ene	ND	0.0720	0.400	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	0.0480	0.400	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0440	0.400	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0400	0.400	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0800	0.400	"	"	"	"	"	"	
Trichloroethene	ND	0.0920	0.400	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0600	0.400	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0600	0.400	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0360	0.400	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0720	0.400	"	"	"	"	"	"	
Vinyl chloride	ND	0.0520	0.400	"	"	"	"	"	"	
m,p-Xylene	ND	0.148	0.800	"	"	"	"	"	"	
o-Xylene	ND	0.0680	0.400	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*101 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*92.7 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*100 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-13-32.5 (B1G0503-04) Soil	**Sampled: 07/20/01 11:20**		**Received: 07/23/01 14:15**							
Acetone	ND	0.130	2.00	mg/kg dry	2	1G24032	07/24/01	07/24/01	EPA 8260B	
Benzene	ND	0.0380	0.200	"	"	"	"	"	"	
Bromobenzene	ND	0.0280	0.200	"	"	"	"	"	"	
Bromochloromethane	ND	0.0440	0.200	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0300	0.200	"	"	"	"	"	"	
Bromoform	ND	0.0180	0.200	"	"	"	"	"	"	
Bromomethane	ND	0.0460	0.200	"	"	"	"	"	"	
2-Butanone	ND	0.144	2.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0360	0.200	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0360	0.200	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0360	0.200	"	"	"	"	"	"	
Carbon disulfide	ND	0.0140	0.200	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0300	0.200	"	"	"	"	"	"	
C[illegible]lorobenzene	ND	0.0300	0.200	"	"	"	"	"	"	
[illegible]oethane	ND	0.0280	0.200	"	"	"	"	"	"	
Chloroform	ND	0.0360	0.200	"	"	"	"	"	"	
[illegible]hloromethane	ND	0.0220	1.00	"	"	"	"	"	"	
[illegible]Chlorotoluene	ND	0.0320	0.200	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0300	0.200	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0200	0.200	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0560	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0260	0.200	"	"	"	"	"	"	
Dibromomethane	ND	0.0360	0.200	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0300	0.200	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0260	0.200	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0320	0.200	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0580	0.200	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0400	0.200	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0500	0.200	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0280	0.200	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0520	0.200	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0260	0.200	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0360	0.200	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0280	0.200	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0260	0.200	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0440	0.200	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0280	0.200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0180	0.200	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-13-32.5 (B1G0503-04) Soil	**Sampled: 07/20/01 11:20**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0380	0.200	mg/kg dry	2	1G24032	07/24/01	07/24/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0420	0.200	"	"	"	"	"	"	
2-Hexanone	ND	0.0960	2.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0380	0.200	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0340	0.200	"	"	"	"	"	"	
Methylene chloride	**0.165**	0.0340	2.00	"	"	"	"	"	"	J
4-Methyl-2-pentanone	ND	0.130	2.00	"	"	"	"	"	"	
Naphthalene	ND	0.0280	0.200	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0320	0.200	"	"	"	"	"	"	
Styrene	ND	0.0340	0.200	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0300	0.200	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0280	0.200	"	"	"	"	"	"	
Tetrachloroethene	**30.9**	0.0360	0.200	"	"	"	"	"	"	E
T[illegible]ene	ND	0.0360	0.200	"	"	"	"	"	"	
-Trichlorobenzene	ND	0.0240	0.200	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0220	0.200	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0200	0.200	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0400	0.200	"	"	"	"	"	"	
Trichloroethene	**0.394**	0.0460	0.200	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0300	0.200	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0300	0.200	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.305**	0.0180	0.200	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0360	0.200	"	"	"	"	"	"	
Vinyl chloride	ND	0.0260	0.200	"	"	"	"	"	"	
m,p-Xylene	ND	0.0740	0.400	"	"	"	"	"	"	
o-Xylene	ND	0.0340	0.200	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*135 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*121 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*128 %*		*62-121*			"	"	"	"	*S-01*

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-13-32.5 (B1G0503-04RE1) Soil	**Sampled: 07/20/01 11:20**	**Received: 07/23/01 14:15**								
Acetone	ND	0.650	10.0	mg/kg dry	10	1G24032	07/24/01	07/26/01	EPA 8260B	
Benzene	ND	0.190	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.140	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.220	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.150	1.00	"	"	"	"	"	"	
Bromoform	ND	0.0900	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.230	1.00	"	"	"	"	"	"	
2-Butanone	ND	0.720	10.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.180	1.00	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.180	1.00	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.180	1.00	"	"	"	"	"	"	
Carbon disulfide	ND	0.0700	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.150	1.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.150	1.00	"	"	"	"	"	"	
roethane	ND	0.140	1.00	"	"	"	"	"	"	
Chloroform	ND	0.180	1.00	"	"	"	"	"	"	
hloromethane	ND	0.110	5.00	"	"	"	"	"	"	
-Chlorotoluene	ND	0.160	1.00	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.150	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.100	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.280	5.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.130	1.00	"	"	"	"	"	"	
Dibromomethane	ND	0.180	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.150	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.130	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.160	1.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.290	1.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.200	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.250	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.140	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.260	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.130	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.180	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.140	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.130	1.00	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.220	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.140	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0900	1.00	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-13-32.5 (B1G0503-04RE1) Soil	**Sampled: 07/20/01 11:20**	**Received: 07/23/01 14:15**								
Ethylbenzene	ND	0.190	1.00	mg/kg dry	10	1G24032	07/24/01	07/26/01	EPA 8260B	
Hexachlorobutadiene	ND	0.210	1.00	"	"	"	"	"	"	
2-Hexanone	ND	0.480	10.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.190	1.00	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.170	1.00	"	"	"	"	"	"	
Methylene chloride	**0.950**	0.170	10.0	"	"	"	"	"	"	B,J
4-Methyl-2-pentanone	ND	0.650	10.0	"	"	"	"	"	"	
Naphthalene	ND	0.140	1.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.160	1.00	"	"	"	"	"	"	
Styrene	ND	0.170	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.150	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.140	1.00	"	"	"	"	"	"	
Tetrachloroethene	**33.1**	0.180	1.00	"	"	"	"	"	"	
Toluene	ND	0.180	1.00	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.120	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.110	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	1.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.200	1.00	"	"	"	"	"	"	
Trichloroethene	**0.625**	0.230	1.00	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.150	1.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.150	1.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0900	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.180	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.130	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.370	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.170	1.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*99.6 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*89.7 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*102 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-4-10 (B1G0503-06) Soil Sampled: 07/18/01 09:55 Received: 07/23/01 14:15										
Acetone	**0.188**	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	J
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
Chlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
Chloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
Chloromethane	ND	0.0110	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-4-10 (B1G0503-06) Soil	**Sampled: 07/18/01 09:55**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.0793**	0.0170	1.00	"	"	"	"	"	"	J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.0140	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**0.528**	0.0180	0.100	"	"	"	"	"	"	
T[illegible]ene	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.0230	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00900	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*101 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*92.7 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*96.4 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-7-17.5 (B1G0503-07) Soil	**Sampled: 07/18/01 10:27**	**Received: 07/23/01 14:15**								
Acetone	ND	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/27/01	EPA 8260B	
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
C[illegible]robenzene	ND	0.0150	0.100	"	"	"	"	"	"	
[illegible]oethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]hloromethane	ND	0.0110	0.500	"	"	"	"	"	"	
Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

Scott A. Woeman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-7-17.5 (B1G0503-07) Soil Sampled: 07/18/01 10:27 Received: 07/23/01 14:15										
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1G24032	07/24/01	07/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.0818**	0.0170	1.00	"	"	"	"	"	"	J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.0140	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**12.9**	0.0180	0.100	"	"	"	"	"	"	E
T[illegible]ene	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.0230	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.110**	0.00900	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*102 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*87.0 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*94.4 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
eattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-7-17.5 (B1G0503-07RE1) Soil	**Sampled: 07/18/01 10:27**		**Received: 07/23/01 14:15**							
Acetone	ND	0.325	5.00	mg/kg dry	5	1G24032	07/24/01	07/27/01	EPA 8260B	
Benzene	ND	0.0950	0.500	"	"	"	"	"	"	
Bromobenzene	ND	0.0700	0.500	"	"	"	"	"	"	
Bromochloromethane	ND	0.110	0.500	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0750	0.500	"	"	"	"	"	"	
Bromoform	ND	0.0450	0.500	"	"	"	"	"	"	
Bromomethane	ND	0.115	0.500	"	"	"	"	"	"	
2-Butanone	ND	0.360	5.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0900	0.500	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0900	0.500	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0900	0.500	"	"	"	"	"	"	
Carbon disulfide	ND	0.0350	0.500	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0750	0.500	"	"	"	"	"	"	
C[illegible]robenzene	ND	0.0750	0.500	"	"	"	"	"	"	
[illegible]roethane	ND	0.0700	0.500	"	"	"	"	"	"	
Chloroform	ND	0.0900	0.500	"	"	"	"	"	"	
[illegible]hloromethane	ND	0.0550	2.50	"	"	"	"	"	"	
[illegible]Chlorotoluene	ND	0.0800	0.500	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0750	0.500	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0500	0.500	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.140	2.50	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0650	0.500	"	"	"	"	"	"	
Dibromomethane	ND	0.0900	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0750	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0650	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0800	0.500	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.145	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.100	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.125	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0700	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.130	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0650	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0900	0.500	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0700	0.500	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0650	0.500	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.110	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0700	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0450	0.500	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-7-17.5 (B1G0503-07RE1) Soil	**Sampled: 07/18/01 10:27**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0950	0.500	mg/kg dry	5	1G24032	07/24/01	07/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.105	0.500	"	"	"	"	"	"	
2-Hexanone	ND	0.240	5.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0950	0.500	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0850	0.500	"	"	"	"	"	"	
Methylene chloride	ND	0.0850	5.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.325	5.00	"	"	"	"	"	"	
Naphthalene	ND	0.0700	0.500	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0800	0.500	"	"	"	"	"	"	
Styrene	ND	0.0850	0.500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0750	0.500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0700	0.500	"	"	"	"	"	"	
Tetrachloroethene	**13.2**	0.0900	0.500	"	"	"	"	"	"	
T[illegible]ene	ND	0.0900	0.500	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	0.0600	0.500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0550	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0500	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	0.500	"	"	"	"	"	"	
Trichloroethene	ND	0.115	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0750	0.500	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0750	0.500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0450	0.500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0900	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	0.0650	0.500	"	"	"	"	"	"	
m,p-Xylene	ND	0.185	1.00	"	"	"	"	"	"	
o-Xylene	ND	0.0850	0.500	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*100 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*89.5 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*100 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-13-32.5 (B1G0503-08) Soil Sampled: 07/18/01 13:55 Received: 07/23/01 14:15										
Acetone	ND	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/25/01	EPA 8260B	
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
C[illegible]robenzene	ND	0.0150	0.100	"	"	"	"	"	"	
[illegible]roethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]loromethane	ND	0.0110	0.500	"	"	"	"	"	"	
Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-13-32.5 (B1G0503-08) Soil	**Sampled: 07/18/01 13:55**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1G24032	07/24/01	07/25/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.253**	0.0170	1.00	"	"	"	"	"	"	B,J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.0140	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**5.70**	0.0180	0.100	"	"	"	"	"	"	
T[illegible]ene	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	**0.175**	0.0230	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.123**	0.00900	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*102 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*88.5 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*93.9 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-15-37.5 (B1G0503-09) Soil	**Sampled: 07/18/01 14:10**		**Received: 07/23/01 14:15**							
Acetone	ND	0.0650	1.00	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
C[illegible]robenzene	ND	0.0150	0.100	"	"	"	"	"	"	
[illegible]oethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]loromethane	ND	0.0110	0.500	"	"	"	"	"	"	
[illegible]Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-15-37.5 (B1G0503-09) Soil	**Sampled: 07/18/01 14:10**		**Received: 07/23/01 14:15**							
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1G24032	07/24/01	07/24/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.0842**	0.0170	1.00	"	"	"	"	"	"	J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.0140	0.100	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**0.581**	0.0180	0.100	"	"	"	"	"	"	
T[illegible]ene	ND	0.0180	0.100	"	"	"	"	"	"	
[illegible]-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.0230	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.0611**	0.00900	0.100	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*104 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*94.3 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*101 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

TCLP Volatile Organic Compounds by EPA Method 1311/8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-8-20 (B1G0503-02) Soil Sampled: 07/20/01 09:55 Received: 07/23/01 14:15										
Benzene	ND		0.0800	mg/l	1	1H01013	08/01/01	08/01/01	EPA 8260B	
2-Butanone	ND		0.800	"	"	"	"	"	"	
Carbon tetrachloride	ND		0.0800	"	"	"	"	"	"	
Chlorobenzene	ND		0.0800	"	"	"	"	"	"	
Chloroform	ND		0.0800	"	"	"	"	"	"	B
1,2-Dichloroethane	ND		0.0800	"	"	"	"	"	"	
1,1-Dichloroethene	ND		0.0800	"	"	"	"	"	"	
Tetrachloroethene	**17.6**		0.0800	"	"	"	"	"	"	B,E
Trichloroethene	ND		0.0800	"	"	"	"	"	"	
Vinyl chloride	ND		0.0800	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*96.4 %*		*80-120*			"	"	"	"	
Surrogate: Toluene-d8	*93.4 %*		*80-120*			"	"	"	"	
Surrogate: 4-BFB	*104 %*		*80-120*			"	"	"	"	
1-8-20 (B1G0503-02RE2) Soil Sampled: 07/20/01 09:55 Received: 07/23/01 14:15										
Benzene	ND		16.0	mg/l	200	1H01013	08/01/01	08/01/01	EPA 8260B	
-Butanone	ND		160	"	"	"	"	"	"	
Carbon tetrachloride	ND		16.0	"	"	"	"	"	"	
Chlorobenzene	ND		16.0	"	"	"	"	"	"	
Chloroform	ND		16.0	"	"	"	"	"	"	B
1,2-Dichloroethane	ND		16.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND		16.0	"	"	"	"	"	"	
Tetrachloroethene	**99.3**		16.0	"	"	"	"	"	"	B
Trichloroethene	ND		16.0	"	"	"	"	"	"	
Vinyl chloride	ND		16.0	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*96.0 %*		*80-120*			"	"	"	"	
Surrogate: Toluene-d8	*91.9 %*		*80-120*			"	"	"	"	
Surrogate: 4-BFB	*93.5 %*		*80-120*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

TCLP Volatile Organic Compounds by EPA Method 1311/8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-7-17.5 (B1G0503-07) Soil	**Sampled: 07/18/01 10:27**		**Received: 07/23/01 14:15**							
Benzene	ND		0.0800	mg/l	1	1H01013	08/01/01	08/01/01	EPA 8260B	
2-Butanone	ND		0.800	"	"	"	"	"	"	
Carbon tetrachloride	ND		0.0800	"	"	"	"	"	"	
Chlorobenzene	ND		0.0800	"	"	"	"	"	"	
Chloroform	ND		0.0800	"	"	"	"	"	"	B
1,2-Dichloroethane	ND		0.0800	"	"	"	"	"	"	
1,1-Dichloroethene	ND		0.0800	"	"	"	"	"	"	
Tetrachloroethene	**0.182**		0.0800	"	"	"	"	"	"	B
Trichloroethene	ND		0.0800	"	"	"	"	"	"	
Vinyl chloride	ND		0.0800	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*96.9 %*		*80-120*			"	"	"	"	
Surrogate: Toluene-d8	*79.0 %*		*80-120*			"	"	"	"	*S-03*
Surrogate: 4-BFB	*94.6 %*		*80-120*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
)0 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
:attle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-3-8 (B1G0503-01) Soil Sampled: 07/20/01 08:56 Received: 07/23/01 14:15										
Dry Weight	86.5		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
MW1-8-20 (B1G0503-02) Soil Sampled: 07/20/01 09:55 Received: 07/23/01 14:15										
Dry Weight	88.0		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
MW1-11-27.5 (B1G0503-03) Soil Sampled: 07/20/01 10:45 Received: 07/23/01 14:15										
Dry Weight	91.3		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
MW1-13-32.5 (B1G0503-04) Soil Sampled: 07/20/01 11:20 Received: 07/23/01 14:15										
Dry Weight	87.2		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
SB4-4-10 (B1G0503-06) Soil Sampled: 07/18/01 09:55 Received: 07/23/01 14:15										
Dry Weight	90.7		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
S[illegible]-7-17.5 (B1G0503-07) Soil Sampled: 07/18/01 10:27 Received: 07/23/01 14:15										
D[illegible] Weight	83.6		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
[illegible]4-13-32.5 (B1G0503-08) Soil Sampled: 07/18/01 13:55 Received: 07/23/01 14:15										
[illegible]y Weight	86.5		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	
SB4-15-37.5 (B1G0503-09) Soil Sampled: 07/18/01 14:10 Received: 07/23/01 14:15										
Dry Weight	88.2		1.00	%	1	1G26007	07/26/01	07/27/01	BSOPSPL00 3R07	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK1)											
Acetone	ND	0.0650	1.00	mg/kg							
Benzene	ND	0.0190	0.100	"							
Bromobenzene	ND	0.0140	0.100	"							
Bromochloromethane	ND	0.0220	0.100	"							
Bromodichloromethane	ND	0.0150	0.100	"							
Bromoform	ND	0.00900	0.100	"							
Bromomethane	ND	0.0230	0.100	"							
2-Butanone	ND	0.0720	1.00	"							
n-Butylbenzene	ND	0.0180	0.100	"							
sec-Butylbenzene	ND	0.0180	0.100	"							
t[illegible]utylbenzene	ND	0.0180	0.100	"							
Carbon disulfide	ND	0.00700	0.100	"							
Carbon tetrachloride	ND	0.0150	0.100	"							
Chlorobenzene	ND	0.0150	0.100	"							
Chloroethane	ND	0.0140	0.100	"							
Chloroform	ND	0.0180	0.100	"							
Chloromethane	ND	0.0110	0.500	"							
2-Chlorotoluene	ND	0.0160	0.100	"							
4-Chlorotoluene	ND	0.0150	0.100	"							
Dibromochloromethane	ND	0.0100	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"							
1,2-Dibromoethane	ND	0.0130	0.100	"							
Dibromomethane	ND	0.0180	0.100	"							
1,2-Dichlorobenzene	ND	0.0150	0.100	"							
1,3-Dichlorobenzene	ND	0.0130	0.100	"							
1,4-Dichlorobenzene	ND	0.0160	0.100	"							
Dichlorodifluoromethane	ND	0.0290	0.100	"							
1,1-Dichloroethane	ND	0.0200	0.100	"							
1,2-Dichloroethane	ND	0.0250	0.100	"							
1,1-Dichloroethene	ND	0.0140	0.100	"							
cis-1,2-Dichloroethene	ND	0.0260	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK1)											
trans-1,2-Dichloroethene	ND	0.0130	0.100	mg/kg							
1,2-Dichloropropane	ND	0.0180	0.100	"							
1,3-Dichloropropane	ND	0.0140	0.100	"							
2,2-Dichloropropane	ND	0.0130	0.100	"							
1,1-Dichloropropene	ND	0.0220	0.100	"							
cis-1,3-Dichloropropene	ND	0.0140	0.100	"							
trans-1,3-Dichloropropene	ND	0.00900	0.100	"							
Ethylbenzene	ND	0.0190	0.100	"							
Hexachlorobutadiene	ND	0.0210	0.100	"							
2-Hexanone	ND	0.0480	1.00	"							
Isopropylbenzene	ND	0.0190	0.100	"							
p-Isopropyltoluene	ND	0.0170	0.100	"							
Methylene chloride	ND	0.0170	1.00	"							
4-Methyl-2-pentanone	ND	0.0650	1.00	"							
Naphthalene	ND	0.0140	0.100	"							
n-Propylbenzene	ND	0.0160	0.100	"							
Styrene	ND	0.0170	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"							
Tetrachloroethene	ND	0.0180	0.100	"							
Toluene	ND	0.0180	0.100	"							
1,2,3-Trichlorobenzene	ND	0.0120	0.100	"							
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"							
1,1,1-Trichloroethane	ND	0.0100	0.100	"							
1,1,2-Trichloroethane	ND	0.0200	0.100	"							
Trichloroethene	ND	0.0230	0.100	"							
Trichlorofluoromethane	ND	0.0150	0.100	"							
1,2,3-Trichloropropane	ND	0.0150	0.100	"							
1,2,4-Trimethylbenzene	ND	0.00900	0.100	"							
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"							
Vinyl chloride	ND	0.0130	0.100	"							
m,p-Xylene	ND	0.0370	0.200	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK1)											
o-Xylene	ND	0.0170	0.100	mg/kg							
Surrogate: 1,2-DCA-d4	*4.90*			"	*4.00*		*122*	*57-139*			
Surrogate: Toluene-d8	*4.19*			"	*4.00*		*105*	*66-122*			
Surrogate: 4-BFB	*4.43*			"	*4.00*		*111*	*62-121*			
Blank (1G24032-BLK2)											
Acetone	ND	0.0650	1.00	mg/kg							
Benzene	ND	0.0190	0.100	"							
Bromobenzene	ND	0.0140	0.100	"							
Bromochloromethane	ND	0.0220	0.100	"							
Bromodichloromethane	ND	0.0150	0.100	"							
))form	ND	0.00900	0.100	"							
Bromomethane	ND	0.0230	0.100	"							
2-Butanone	ND	0.0720	1.00	"							
n-Butylbenzene	ND	0.0180	0.100	"							
sec-Butylbenzene	ND	0.0180	0.100	"							
tert-Butylbenzene	ND	0.0180	0.100	"							
Carbon disulfide	ND	0.00700	0.100	"							
Carbon tetrachloride	ND	0.0150	0.100	"							
Chlorobenzene	ND	0.0150	0.100	"							
Chloroethane	ND	0.0140	0.100	"							
Chloroform	ND	0.0180	0.100	"							
Chloromethane	ND	0.0110	0.500	"							
2-Chlorotoluene	ND	0.0160	0.100	"							
4-Chlorotoluene	ND	0.0150	0.100	"							
Dibromochloromethane	ND	0.0100	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"							
1,2-Dibromoethane	ND	0.0130	0.100	"							
Dibromomethane	ND	0.0180	0.100	"							
1,2-Dichlorobenzene	ND	0.0150	0.100	"							
1,3-Dichlorobenzene	ND	0.0130	0.100	"							
1,4-Dichlorobenzene	ND	0.0160	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK2)											
Dichlorodifluoromethane	ND	0.0290	0.100	mg/kg							
1,1-Dichloroethane	ND	0.0200	0.100	"							
1,2-Dichloroethane	ND	0.0250	0.100	"							
1,1-Dichloroethene	ND	0.0140	0.100	"							
cis-1,2-Dichloroethene	ND	0.0260	0.100	"							
trans-1,2-Dichloroethene	ND	0.0130	0.100	"							
1,2-Dichloropropane	ND	0.0180	0.100	"							
1,3-Dichloropropane	ND	0.0140	0.100	"							
2,2-Dichloropropane	ND	0.0130	0.100	"							
1,1-Dichloropropene	ND	0.0220	0.100	"							
cis-1,3-Dichloropropene	ND	0.0140	0.100	"							
trans-1,3-Dichloropropene	ND	0.00900	0.100	"							
Ethylbenzene	ND	0.0190	0.100	"							
Hexachlorobutadiene	ND	0.0210	0.100	"							
2-Hexanone	ND	0.0480	1.00	"							
Isopropylbenzene	ND	0.0190	0.100	"							
p-Isopropyltoluene	ND	0.0170	0.100	"							
Methylene chloride	0.0892	0.0170	1.00	"							J
4-Methyl-2-pentanone	ND	0.0650	1.00	"							
Naphthalene	ND	0.0140	0.100	"							
n-Propylbenzene	ND	0.0160	0.100	"							
Styrene	ND	0.0170	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"							
Tetrachloroethene	ND	0.0180	0.100	"							
Toluene	ND	0.0180	0.100	"							
1,2,3-Trichlorobenzene	ND	0.0120	0.100	"							
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"							
1,1,1-Trichloroethane	ND	0.0100	0.100	"							
1,1,2-Trichloroethane	ND	0.0200	0.100	"							
Trichloroethene	ND	0.0230	0.100	"							
Trichlorofluoromethane	ND	0.0150	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK2)											
1,2,3-Trichloropropane	ND	0.0150	0.100	mg/kg							
1,2,4-Trimethylbenzene	ND	0.00900	0.100	"							
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"							
Vinyl chloride	ND	0.0130	0.100	"							
m,p-Xylene	ND	0.0370	0.200	"							
o-Xylene	ND	0.0170	0.100	"							
Surrogate: 1,2-DCA-d4	*4.74*			"	*4.00*		*118*	*57-139*			
Surrogate: Toluene-d8	*4.25*			"	*4.00*		*106*	*66-122*			
Surrogate: 4-BFB	*4.37*			"	*4.00*		*109*	*62-121*			
Blank (1G24032-BLK3)											
Benzene	ND	0.0650	1.00	mg/kg							
Benzene	ND	0.0190	0.100	"							
Bromobenzene	ND	0.0140	0.100	"							
Bromochloromethane	ND	0.0220	0.100	"							
Bromodichloromethane	ND	0.0150	0.100	"							
Bromoform	ND	0.00900	0.100	"							
Bromomethane	ND	0.0230	0.100	"							
2-Butanone	ND	0.0720	1.00	"							
n-Butylbenzene	ND	0.0180	0.100	"							
sec-Butylbenzene	ND	0.0180	0.100	"							
tert-Butylbenzene	ND	0.0180	0.100	"							
Carbon disulfide	ND	0.00700	0.100	"							
Carbon tetrachloride	ND	0.0150	0.100	"							
Chlorobenzene	ND	0.0150	0.100	"							
Chloroethane	ND	0.0140	0.100	"							
Chloroform	ND	0.0180	0.100	"							
Chloromethane	ND	0.0110	0.500	"							
2-Chlorotoluene	ND	0.0160	0.100	"							
4-Chlorotoluene	ND	0.0150	0.100	"							
Dibromochloromethane	ND	0.0100	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
500 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK3)											
1,2-Dibromoethane	ND	0.0130	0.100	mg/kg							
Dibromomethane	ND	0.0180	0.100	"							
1,2-Dichlorobenzene	ND	0.0150	0.100	"							
1,3-Dichlorobenzene	ND	0.0130	0.100	"							
1,4-Dichlorobenzene	ND	0.0160	0.100	"							
Dichlorodifluoromethane	ND	0.0290	0.100	"							
1,1-Dichloroethane	ND	0.0200	0.100	"							
1,2-Dichloroethane	ND	0.0250	0.100	"							
1,1-Dichloroethene	ND	0.0140	0.100	"							
cis-1,2-Dichloroethene	ND	0.0260	0.100	"							
t 1,2-Dichloroethene	ND	0.0130	0.100	"							
1,2-Dichloropropane	ND	0.0180	0.100	"							
1,3-Dichloropropane	ND	0.0140	0.100	"							
2,2-Dichloropropane	ND	0.0130	0.100	"							
1,1-Dichloropropene	ND	0.0220	0.100	"							
cis-1,3-Dichloropropene	ND	0.0140	0.100	"							
trans-1,3-Dichloropropene	ND	0.00900	0.100	"							
Ethylbenzene	ND	0.0190	0.100	"							
Hexachlorobutadiene	ND	0.0210	0.100	"							
2-Hexanone	ND	0.0480	1.00	"							
Isopropylbenzene	ND	0.0190	0.100	"							
p-Isopropyltoluene	ND	0.0170	0.100	"							
Methylene chloride	0.0803	0.0170	1.00	"							J
4-Methyl-2-pentanone	ND	0.0650	1.00	"							
Naphthalene	ND	0.0140	0.100	"							
n-Propylbenzene	ND	0.0160	0.100	"							
Styrene	ND	0.0170	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"							
Tetrachloroethene	ND	0.0180	0.100	"							
Toluene	ND	0.0180	0.100	"							
1,2,3-Trichlorobenzene	ND	0.0120	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK3)											
1,2,4-Trichlorobenzene	ND	0.0110	0.100	mg/kg							
1,1,1-Trichloroethane	ND	0.0100	0.100	"							
1,1,2-Trichloroethane	ND	0.0200	0.100	"							
Trichloroethene	ND	0.0230	0.100	"							
Trichlorofluoromethane	ND	0.0150	0.100	"							
1,2,3-Trichloropropane	ND	0.0150	0.100	"							
1,2,4-Trimethylbenzene	ND	0.00900	0.100	"							
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"							
Vinyl chloride	ND	0.0130	0.100	"							
m,p-Xylene	ND	0.0370	0.200	"							
ene	ND	0.0170	0.100	"							
Surrogate: 1,2-DCA-d4	*4.75*			"	*4.00*		*119*	*57-139*			
Surrogate: Toluene-d8	*4.09*			"	*4.00*		*102*	*66-122*			
Surrogate: 4-BFB	*4.29*			"	*4.00*		*107*	*62-121*			
Blank (1G24032-BLK4)											
Acetone	ND	0.0650	1.00	mg/kg							
Benzene	ND	0.0190	0.100	"							
Bromobenzene	ND	0.0140	0.100	"							
Bromochloromethane	ND	0.0220	0.100	"							
Bromodichloromethane	ND	0.0150	0.100	"							
Bromoform	ND	0.00900	0.100	"							
Bromomethane	ND	0.0230	0.100	"							
2-Butanone	ND	0.0720	1.00	"							
n-Butylbenzene	ND	0.0180	0.100	"							
sec-Butylbenzene	ND	0.0180	0.100	"							
tert-Butylbenzene	ND	0.0180	0.100	"							
Carbon disulfide	ND	0.00700	0.100	"							
Carbon tetrachloride	ND	0.0150	0.100	"							
Chlorobenzene	ND	0.0150	0.100	"							
Chloroethane	ND	0.0140	0.100	"							
Chloroform	ND	0.0180	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK4)											
Chloromethane	ND	0.0110	0.500	mg/kg							
2-Chlorotoluene	ND	0.0160	0.100	"							
4-Chlorotoluene	ND	0.0150	0.100	"							
Dibromochloromethane	ND	0.0100	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"							
1,2-Dibromoethane	ND	0.0130	0.100	"							
Dibromomethane	ND	0.0180	0.100	"							
1,2-Dichlorobenzene	ND	0.0150	0.100	"							
1,3-Dichlorobenzene	ND	0.0130	0.100	"							
1,4-Dichlorobenzene	ND	0.0160	0.100	"							
r rodifluoromethane	ND	0.0290	0.100	"							
1, -Dichloroethane	ND	0.0200	0.100	"							
2-Dichloroethane	ND	0.0250	0.100	"							
-Dichloroethene	ND	0.0140	0.100	"							
cis-1,2-Dichloroethene	ND	0.0260	0.100	"							
trans-1,2-Dichloroethene	ND	0.0130	0.100	"							
1,2-Dichloropropane	ND	0.0180	0.100	"							
1,3-Dichloropropane	ND	0.0140	0.100	"							
2,2-Dichloropropane	ND	0.0130	0.100	"							
1,1-Dichloropropene	ND	0.0220	0.100	"							
cis-1,3-Dichloropropene	ND	0.0140	0.100	"							
trans-1,3-Dichloropropene	ND	0.00900	0.100	"							
Ethylbenzene	ND	0.0190	0.100	"							
Hexachlorobutadiene	ND	0.0210	0.100	"							
2-Hexanone	ND	0.0480	1.00	"							
Isopropylbenzene	ND	0.0190	0.100	"							
p-Isopropyltoluene	ND	0.0170	0.100	"							
Methylene chloride	ND	0.0170	1.00	"							
4-Methyl-2-pentanone	ND	0.0650	1.00	"							
Naphthalene	ND	0.0140	0.100	"							
n-Propylbenzene	ND	0.0160	0.100	"							
Styrene	ND	0.0170	0.100	"							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
Blank (1G24032-BLK4)											
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	mg/kg							
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"							
Tetrachloroethene	ND	0.0180	0.100	"							
Toluene	ND	0.0180	0.100	"							
1,2,3-Trichlorobenzene	ND	0.0120	0.100	"							
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"							
1,1,1-Trichloroethane	ND	0.0100	0.100	"							
1,1,2-Trichloroethane	ND	0.0200	0.100	"							
Trichloroethene	ND	0.0230	0.100	"							
Trichlorofluoromethane	ND	0.0150	0.100	"							
' Trichloropropane	ND	0.0150	0.100	"							
1,2,4-Trimethylbenzene	ND	0.00900	0.100	"							
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"							
Vinyl chloride	ND	0.0130	0.100	"							
m,p-Xylene	ND	0.0370	0.200	"							
o-Xylene	ND	0.0170	0.100	"							
Surrogate: 1,2-DCA-d4	*4.90*			"	*4.00*		*122*	*57-139*			
Surrogate: Toluene-d8	*4.21*			"	*4.00*		*105*	*66-122*			
Surrogate: 4-BFB	*4.39*			"	*4.00*		*110*	*62-121*			
LCS (1G24032-BS1)											
Benzene	0.980	0.0190	0.100	mg/kg	1.00		98.0	73-133			
Chlorobenzene	0.911	0.0150	0.100	"	1.00		91.1	69-130			
1,1-Dichloroethene	0.885	0.0140	0.100	"	1.00		88.5	51-130			
Toluene	0.928	0.0180	0.100	"	1.00		92.8	68-130			
Trichloroethene	1.01	0.0230	0.100	"	1.00		101	66-135			
Surrogate: 1,2-DCA-d4	*4.52*			"	*4.00*		*113*	*57-139*			
Surrogate: Toluene-d8	*3.89*			"	*4.00*		*97.2*	*66-122*			
Surrogate: 4-BFB	*4.08*			"	*4.00*		*102*	*62-121*			

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G24032: Prepared 07/24/01 Using EPA 5030B [P/T]											
LCS Dup (1G24032-BSD1)											
Benzene	0.979	0.0190	0.100	mg/kg	1.00		97.9	73-133	0.102	20	
Chlorobenzene	0.922	0.0150	0.100	"	1.00		92.2	69-130	1.20	20	
1,1-Dichloroethene	0.853	0.0140	0.100	"	1.00		85.3	51-130	3.68	20	
Toluene	0.933	0.0180	0.100	"	1.00		93.3	68-130	0.537	20	
Trichloroethene	1.02	0.0230	0.100	"	1.00		102	66-135	0.985	20	
Surrogate: 1,2-DCA-d4	*4.54*			"	*4.00*		*114*	*57-139*			
Surrogate: Toluene-d8	*3.94*			"	*4.00*		*98.5*	*66-122*			
Surrogate: 4-BFB	*4.06*			"	*4.00*		*102*	*62-121*			
Matrix Spike (1G24032-MS1)						**Source: B1G0503-03**					
F ne	1.16	0.0190	0.100	mg/kg dry	1.09	ND	106	62-138			
C robenzene	1.10	0.0150	0.100	"	1.09	ND	101	56-132			
1-Dichloroethene	0.981	0.0140	0.100	"	1.09	ND	90.0	41-131			
luene	1.10	0.0180	0.100	"	1.09	ND	101	44-133			
richloroethene	1.24	0.0230	0.100	"	1.09	0.0706	107	61-139			
Surrogate: 1,2-DCA-d4	*4.69*			"	*4.38*		*107*	*57-139*			
Surrogate: Toluene-d8	*4.18*			"	*4.38*		*95.4*	*66-122*			
Surrogate: 4-BFB	*4.38*			"	*4.38*		*100*	*62-121*			
Matrix Spike Dup (1G24032-MSD1)						**Source: B1G0503-03**					
Benzene	1.14	0.0190	0.100	mg/kg dry	1.09	ND	105	62-138	1.74	25	
Chlorobenzene	1.08	0.0150	0.100	"	1.09	ND	99.1	56-132	1.83	25	
1,1-Dichloroethene	0.987	0.0140	0.100	"	1.09	ND	90.6	41-131	0.610	25	
Toluene	1.09	0.0180	0.100	"	1.09	ND	100	44-133	0.913	25	
Trichloroethene	1.23	0.0230	0.100	"	1.09	0.0706	106	61-139	0.810	25	
Surrogate: 1,2-DCA-d4	*4.67*			"	*4.38*		*107*	*57-139*			
Surrogate: Toluene-d8	*4.11*			"	*4.38*		*93.8*	*66-122*			
Surrogate: 4-BFB	*4.35*			"	*4.38*		*99.3*	*62-121*			

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control

North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H01013: Prepared 08/01/01 Using EPA 5030B [P/T]											
Blank (1H01013-BLK1)											
Benzene	ND		0.0800	mg/l							
2-Butanone	ND		0.800	"							
Carbon tetrachloride	ND		0.0800	"							
Chlorobenzene	ND		0.0800	"							
Chloroform	ND		0.0800	"							
1,2-Dichloroethane	ND		0.0800	"							
1,1-Dichloroethene	ND		0.0800	"							
Tetrachloroethene	ND		0.0800	"							
Trichloroethene	ND		0.0800	"							
Vinyl chloride	ND		0.0800	"							
Surrogate: 1,2-DCA-d4	*0.768*			"	*0.800*		*96.0*	*80-120*			
Surrogate: Toluene-d8	*0.756*			"	*0.800*		*94.5*	*80-120*			
Surrogate: 4-BFB	*0.753*			"	*0.800*		*94.1*	*80-120*			
LCS (1H01013-BS1)											
Benzene	0.393		0.0800	mg/l	0.400		98.2	80-120			
Chlorobenzene	0.388		0.0800	"	0.400		97.0	80-120			
1,1-Dichloroethene	0.354		0.0800	"	0.400		88.5	80-120			
Trichloroethene	0.398		0.0800	"	0.400		99.5	80-120			
Surrogate: 1,2-DCA-d4	*0.780*			"	*0.800*		*97.5*	*80-120*			
Surrogate: Toluene-d8	*0.753*			"	*0.800*		*94.1*	*80-120*			
Surrogate: 4-BFB	*0.757*			"	*0.800*		*94.6*	*80-120*			
LCS Dup (1H01013-BSD1)											
Benzene	0.400		0.0800	mg/l	0.400		100	80-120	1.77	15	
Chlorobenzene	0.398		0.0800	"	0.400		99.5	80-120	2.54	15	
1,1-Dichloroethene	0.363		0.0800	"	0.400		90.8	80-120	2.51	15	
Trichloroethene	0.406		0.0800	"	0.400		102	80-120	1.99	15	
Surrogate: 1,2-DCA-d4	*0.783*			"	*0.800*		*97.9*	*80-120*			
Surrogate: Toluene-d8	*0.756*			"	*0.800*		*94.5*	*80-120*			
Surrogate: 4-BFB	*0.750*			"	*0.800*		*93.8*	*80-120*			

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
00 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G26007: Prepared 07/26/01 Using Dry Weight											
Blank (1G26007-BLK1)											
Dry Weight	100		1.00	%							

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 18:59

Notes and Definitions

B	Analyte detected in the method blank.
E	Estimated value. The reported value exceeds the calibration range of the analysis.
J	Estimated value.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-03	The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Scott A. Woerman, Project Manager

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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: B1G0503

CLIENT: GeoEngineers
REPORT TO: David Cook
ADDRESS: 600 Stewart Seattle, WA
PHONE: 206-728-2674 FAX: 206-728-2732

INVOICE TO:

P.O. NUMBER:

PROJECT NAME: American Linen/Seattle
PROJECT NUMBER: 8673-001-01
SAMPLED BY: Tina King

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: ~~10~~ 7 5 4 3 2 1 <
STD.
Petroleum Hydrocarbon Analyses: 5 4 3 2 1 <1
STD.
OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	EPA 8260B	TCLP ★	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA
1. MW1-3-8	7/20/01 / 0856	X		S	1		0
2. MW1-8-20	0955	X					0
3. MW1-11-27.5	1045	X					0
4. MW1-13-32.5	1120	X					0
5. MW1-14-35	1136	X				Hold	0
6. SB4-4-10	7/18/01 / 0955	X					0
7. SB4-7-17.5	1027	X					0
8. SB4-13-32.5	1355	X					0
9. SB4-15-37.5	1410	X					0
10.							
11.							
12.							
13.							
14.							
15.							

RELINQUISHED BY: Tina King
PRINT NAME: Tina King FIRM: GEI DATE: 7/23/01 TIME: 0945

RECEIVED BY: Karla Kaczorowski
PRINT NAME: Karla Kaczorowski FIRM: NCA DATE: 7/2 TIME: 14:

Samples were not @ 2-6C Upon Receipt 1.1°C

RELINQUISHED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: ★ Please run the hottest sample from each boring (two total) for TCLP testing of PCE, TCE + VC. The 8-foot sample from MW1 is VCL

COC REV 3/99

PAGE 1

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3 August, 2001

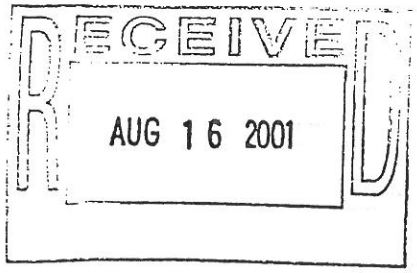
Dave Cook
Geo Engineers - Seattle
600 Stewart Street, Suite 1420
Seattle, WA 98101

RE: American Linen/Seattle

Enclosed are the results of analyses for samples received by the laboratory on 07/31/01 14:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott A. Woerman
Project Manager



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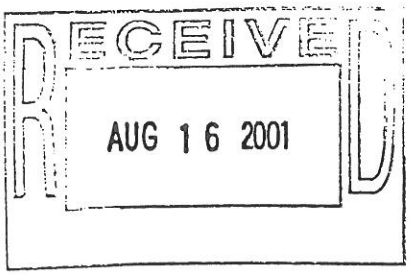
Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 1-15-37.5	B1H0016-01	Soil (90.27% dry wt.)	07/20/01 12:22	07/31/01 14:30



th Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custod document. This analytical report must be reproduced in its enti

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 1-15-37.5 (B1H0016-01) Soil	**Sampled: 07/20/01 12:22**		**Received: 07/31/01 14:30**							
Acetone	ND	0.0650	1.00	mg/kg dry	1	1H02032	08/02/01	08/02/01	EPA 8260B	
Benzene	ND	0.0190	0.100	"	"	"	"	"	"	
Bromobenzene	ND	0.0140	0.100	"	"	"	"	"	"	
Bromochloromethane	ND	0.0220	0.100	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0150	0.100	"	"	"	"	"	"	
Bromoform	ND	0.00900	0.100	"	"	"	"	"	"	
Bromomethane	ND	0.0230	0.100	"	"	"	"	"	"	
2-Butanone	ND	0.0720	1.00	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0180	0.100	"	"	"	"	"	"	
Carbon disulfide	ND	0.00700	0.100	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0150	0.100	"	"	"	"	"	"	
orobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
nloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Chloroform	**0.0558**	0.0180	0.100	"	"	"	"	"	"	B,J
Chloromethane	ND	0.0110	0.500	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0160	0.100	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0150	0.100	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.0130	0.100	"	"	"	"	"	"	
Dibromomethane	ND	0.0180	0.100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0150	0.100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0130	0.100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0160	0.100	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0290	0.100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0250	0.100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0140	0.100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0260	0.100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0130	0.100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0180	0.100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0140	0.100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0130	0.100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0220	0.100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0140	0.100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00900	0.100	"	"	"	"	"	"	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 1-15-37.5 (B1H0016-01) Soil	**Sampled: 07/20/01 12:22**		**Received: 07/31/01 14:30**							
Ethylbenzene	ND	0.0190	0.100	mg/kg dry	1	1H02032	08/02/01	08/02/01	EPA 8260B	
Hexachlorobutadiene	ND	0.0210	0.100	"	"	"	"	"	"	
2-Hexanone	ND	0.0480	1.00	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0190	0.100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0170	0.100	"	"	"	"	"	"	
Methylene chloride	**0.0484**	0.0170	1.00	"	"	"	"	"	"	B,J
4-Methyl-2-pentanone	ND	0.0650	1.00	"	"	"	"	"	"	
Naphthalene	ND	0.0140	0.100	"	"	"	"	"	"	
n-Propylbenzene	**0.0300**	0.0160	0.100	"	"	"	"	"	"	J
Styrene	ND	0.0170	0.100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"	"	"	"	"	"	
Tetrachloroethene	**0.678**	0.0180	0.100	"	"	"	"	"	"	
uene	ND	0.0180	0.100	"	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.0120	0.100	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0100	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0200	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.0230	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0150	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.174**	0.00900	0.100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**0.0452**	0.0180	0.100	"	"	"	"	"	"	J
Vinyl chloride	ND	0.0130	0.100	"	"	"	"	"	"	
m,p-Xylene	ND	0.0370	0.200	"	"	"	"	"	"	
o-Xylene	ND	0.0170	0.100	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	*88.7 %*		*57-139*			"	"	"	"	
Surrogate: Toluene-d8	*86.5 %*		*66-122*			"	"	"	"	
Surrogate: 4-BFB	*77.4 %*		*62-121*			"	"	"	"	

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 1-15-37.5 (B1H0016-01) Soil	**Sampled: 07/20/01 12:22 Received: 07/31/01 14:30**									
Dry Weight	**90.3**		1.00	%	1	1H02004	08/02/01	08/03/01	BSOPSPL00 3R07	

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H02032: Prepared 08/02/01 Using EPA 5030B [P/T]											
Blank (1H02032-BLK1)											
Acetone	ND	0.0650	1.00	mg/kg							
Benzene	ND	0.0190	0.100	"							
Bromobenzene	ND	0.0140	0.100	"							
Bromochloromethane	ND	0.0220	0.100	"							
Bromodichloromethane	ND	0.0150	0.100	"							
Bromoform	ND	0.00900	0.100	"							
Bromomethane	ND	0.0230	0.100	"							
2-Butanone	ND	0.0720	1.00	"							
n-Butylbenzene	ND	0.0180	0.100	"							
sec-Butylbenzene	ND	0.0180	0.100	"							
Butylbenzene	ND	0.0180	0.100	"							
Carbon disulfide	ND	0.00700	0.100	"							
Carbon tetrachloride	ND	0.0150	0.100	"							
Chlorobenzene	ND	0.0150	0.100	"							
Chloroethane	ND	0.0140	0.100	"							
Chloroform	0.0512	0.0180	0.100	"							J
Chloromethane	ND	0.0110	0.500	"							
2-Chlorotoluene	ND	0.0160	0.100	"							
4-Chlorotoluene	ND	0.0150	0.100	"							
Dibromochloromethane	ND	0.0100	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.0280	0.500	"							
1,2-Dibromoethane	ND	0.0130	0.100	"							
Dibromomethane	ND	0.0180	0.100	"							
1,2-Dichlorobenzene	ND	0.0150	0.100	"							
1,3-Dichlorobenzene	ND	0.0130	0.100	"							
1,4-Dichlorobenzene	ND	0.0160	0.100	"							
Dichlorodifluoromethane	ND	0.0290	0.100	"							
1,1-Dichloroethane	ND	0.0200	0.100	"							
1,2-Dichloroethane	ND	0.0250	0.100	"							
1,1-Dichloroethene	ND	0.0140	0.100	"							
cis-1,2-Dichloroethene	ND	0.0260	0.100	"							

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H02032: Prepared 08/02/01 Using EPA 5030B [P/T]											
Blank (1H02032-BLK1)											
trans-1,2-Dichloroethene	ND	0.0130	0.100	mg/kg							
1,2-Dichloropropane	ND	0.0180	0.100	"							
1,3-Dichloropropane	ND	0.0140	0.100	"							
2,2-Dichloropropane	ND	0.0130	0.100	"							
1,1-Dichloropropene	ND	0.0220	0.100	"							
cis-1,3-Dichloropropene	ND	0.0140	0.100	"							
trans-1,3-Dichloropropene	ND	0.00900	0.100	"							
Ethylbenzene	ND	0.0190	0.100	"							
Hexachlorobutadiene	ND	0.0210	0.100	"							
2-Hexanone	ND	0.0480	1.00	"							
ropylbenzene	ND	0.0190	0.100	"							
p-Isopropyltoluene	ND	0.0170	0.100	"							
Methylene chloride	0.0503	0.0170	1.00	"							J
4-Methyl-2-pentanone	ND	0.0650	1.00	"							
Naphthalene	ND	0.0140	0.100	"							
n-Propylbenzene	ND	0.0160	0.100	"							
Styrene	ND	0.0170	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.0150	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.0140	0.100	"							
Tetrachloroethene	ND	0.0180	0.100	"							
Toluene	ND	0.0180	0.100	"							
1,2,3-Trichlorobenzene	ND	0.0120	0.100	"							
1,2,4-Trichlorobenzene	ND	0.0110	0.100	"							
1,1,1-Trichloroethane	ND	0.0100	0.100	"							
1,1,2-Trichloroethane	ND	0.0200	0.100	"							
Trichloroethene	ND	0.0230	0.100	"							
Trichlorofluoromethane	ND	0.0150	0.100	"							
1,2,3-Trichloropropane	ND	0.0150	0.100	"							
1,2,4-Trimethylbenzene	ND	0.00900	0.100	"							
1,3,5-Trimethylbenzene	ND	0.0180	0.100	"							
Vinyl chloride	ND	0.0130	0.100	"							
m,p-Xylene	ND	0.0370	0.200	"							

Scott A. Woerman, Project Manager

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H02032: Prepared 08/02/01 Using EPA 5030B [P/T]											
Blank (1H02032-BLK1)											
o-Xylene	ND	0.0170	0.100	mg/kg							
Surrogate: 1,2-DCA-d4	*4.12*			"	*4.00*		*103*	*57-139*			
Surrogate: Toluene-d8	*3.90*			"	*4.00*		*97.5*	*66-122*			
Surrogate: 4-BFB	*3.56*			"	*4.00*		*89.0*	*62-121*			
LCS (1H02032-BS1)											
Benzene	0.992	0.0190	0.100	mg/kg	1.00		99.2	73-133			
Chlorobenzene	0.977	0.0150	0.100	"	1.00		97.7	69-130			
1,1-Dichloroethene	0.889	0.0140	0.100	"	1.00		88.9	51-130			
Toluene	0.936	0.0180	0.100	"	1.00		93.6	68-130			
hloroethene	0.979	0.0230	0.100	"	1.00		97.9	66-135			
Surrogate: 1,2-DCA-d4	*3.76*			"	*4.00*		*94.0*	*57-139*			
Surrogate: Toluene-d8	*3.53*			"	*4.00*		*88.2*	*66-122*			
Surrogate: 4-BFB	*3.23*			"	*4.00*		*80.8*	*62-121*			
LCS Dup (1H02032-BSD1)											
Benzene	1.10	0.0190	0.100	mg/kg	1.00		110	73-133	10.3	20	
Chlorobenzene	1.09	0.0150	0.100	"	1.00		109	69-130	10.9	20	
1,1-Dichloroethene	1.00	0.0140	0.100	"	1.00		100	51-130	11.8	20	
Toluene	1.05	0.0180	0.100	"	1.00		105	68-130	11.5	20	
Trichloroethene	1.11	0.0230	0.100	"	1.00		111	66-135	12.5	20	
Surrogate: 1,2-DCA-d4	*3.82*			"	*4.00*		*95.5*	*57-139*			
Surrogate: Toluene-d8	*3.63*			"	*4.00*		*90.8*	*66-122*			
Surrogate: 4-BFB	*3.56*			"	*4.00*		*89.0*	*62-121*			
Matrix Spike (1H02032-MS1)						**Source: B1H0007-07**					
Benzene	1.01	0.0190	0.100	mg/kg dry	1.06	ND	95.3	62-138			
Chlorobenzene	1.01	0.0150	0.100	"	1.06	ND	95.3	56-132			
1,1-Dichloroethene	0.888	0.0140	0.100	"	1.06	ND	83.8	41-131			
Toluene	0.960	0.0180	0.100	"	1.06	ND	90.6	44-133			
Trichloroethene	1.03	0.0230	0.100	"	1.06	ND	97.2	61-139			
Surrogate: 1,2-DCA-d4	*3.78*			"	*4.23*		*89.4*	*57-139*			
Surrogate: Toluene-d8	*3.67*			"	*4.23*		*86.8*	*66-122*			

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H02032: Prepared 08/02/01 Using EPA 5030B [P/T]											
Matrix Spike (1H02032-MS1)						**Source: B1H0007-07**					
Surrogate: 4-BFB	*3.43*			"	*4.23*		*81.1*	*62-121*			
Matrix Spike Dup (1H02032-MSD1)						**Source: B1H0007-07**					
Benzene	1.07	0.0190	0.100	mg/kg dry	1.06	ND	101	62-138	5.77	25	
Chlorobenzene	1.07	0.0150	0.100	"	1.06	ND	101	56-132	5.77	25	
1,1-Dichloroethene	0.929	0.0140	0.100	"	1.06	ND	87.6	41-131	4.51	25	
Toluene	1.02	0.0180	0.100	"	1.06	ND	96.2	44-133	6.06	25	
Trichloroethene	1.07	0.0230	0.100	"	1.06	ND	101	61-139	3.81	25	
Surrogate: 1,2-DCA-d4	*3.88*			"	*4.23*		*91.7*	*57-139*			
Surrogate: Toluene-d8	*3.75*			"	*4.23*		*88.7*	*66-122*			
ogate: 4-BFB	*3.30*			"	*4.23*		*78.0*	*62-121*			

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H02004: Prepared 08/02/01 Using Dry Weight											
Blank (1H02004-BLK1)											
Dry Weight	100		1.00	%							

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Geo Engineers - Seattle	Project: American Linen/Seattle	
600 Stewart Street, Suite 1420	Project Number: 8673-001-01	**Reported:**
Seattle WA, 98101	Project Manager: Dave Cook	08/03/01 20:24

Notes and Definitions

B	Analyte detected in the method blank.
J	Estimated value.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Scott A. Woerman, Project Manager

North Creek Analytical, Inc.
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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: B106016

CLIENT: GeoEngineers
REPORT TO: Dave Cook
ADDRESS: 600 Stewart Seattle, WA
PHONE: 206-728-2674 FAX: 206-728-2732
PROJECT NAME: American Lumber/Seattle
PROJECT NUMBER: 8673-001-01
SAMPLED BY: Tina King

INVOICE TO:

P.O. NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | < 1

STD. Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | < 1

STD. OTHER Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	EPA 8260 B	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
MW1-15-37.5	7/30/01 / 1222	X				01
SB4-14-34.5	7/18/01 / 1416	X				02

Samples were not @2-6C Upon Receipt

RELINQUISHED BY: Tina King
PRINT NAME: Tina King FIRM: GEI DATE: 7/31/01 TIME: 1115
RECEIVED BY:
PRINT NAME: FIRM: NCA DATE: 7/31/01 TIME: 14:30

RELINQUISHED BY:
PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: Please e-mail draft results to dave cook @ dcook@geoengineers.com

T.A.T. 4

PAGE 1 OF 1