GeoEngineers
Plaza 600 Building
600 Stewart Street, Suite 1700
Seattle, Washington 98101
206.728.2674

August 10, 2017

Bucklin Place, LLC
8192 NE Hidden Cover Road
Bainbridge Island, Washington 98110

Attention: Bill Matthews

Subject: Supplemental Indoor Air Sampling and Evaluation
Ultra Custom Cleaners
2222 NW Bucklin Hill Road
Silverdale, Washington
File No. 22828-001-00

INTRODUCTION

This report presents the results of GeoEngineers, Inc.'s (GeoEngineers) indoor air sampling at the Ultra Custom Cleaners (UCC) tenant space located at 2222 NW Bucklin Hill Road in Silverdale, Washington (subject property) that is owned by Bucklin Place, LLC. The subject property is a commercial/retail development located within Kitsap County tax parcel 162501-4-111-2006. The UCC tenant space is currently operating as a dry cleaning facility (herein referred to as the Site). The Site and surrounding physical features are shown on Figure 1.

Environmental investigations conducted to date at the UCC Site (Adapt Engineering [Adapt] in January 2016 and Landau Associates, Inc. [Landau] in April-May and November 2016) have identified volatile organic compound (VOC) contamination, including the chlorinated solvents tetrachloroethylene (PCE) and trichloroethylene (TCE), in soil, groundwater, indoor air, or sub-slab soil vapor beneath the UCC tenant space at the subject property. Investigations are on-going to evaluate and document the nature and extent of the VOC contamination at concentrations greater than the applicable Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) cleanup levels. The MTCA cleanup levels, and applicable regulatory criteria from the U.S. Environmental Protection Agency (EPA), are being used as screening levels to evaluate the concentrations detected at the Site, and to assess the need for further action. Previous indoor air sampling at the Site identified VOCs in indoor air at concentrations greater than the screening levels. Mitigation, including adjustments to the heating ventilation and air conditioning (HVAC) system, has been conducted to address the VOC concentrations detected in indoor air within the UCC tenant space.

Previous investigations regarding indoor air quality at the UCC tenant space have been conducted after hours when there were no active operations in process, but with cleaning products containing PCE or TCE and garments recently treated with such products present. As documented during the Chemical Inventory

Evaluation conducted in 2016 (Landau, December 2016) three products stored and used within the UCC tenant space contain either PCE or TCE, which as noted above are the primary contaminants of concern that have been detected in indoor air at concentrations greater than the screening levels. These cleaning products, and the treated garments, are potential sources that could contribute to the PCE and/or TCE concentrations detected in indoor air within the UCC tenant space.

To further evaluate conditions within the UCC tenant space and the effect of the cleaning products and treated garments on indoor air quality, GeoEngineers conducted indoor air sampling at the UCC tenant space with the dry cleaning inventory and all PCE- or TCE-containing business supplies removed. The supplemental indoor air sampling was conducted consistent with applicable regulations and agency guidance.

SCOPE OF SERVICES

Our scope of services included planning for the indoor air sampling, including a site reconnaissance, indoor and ambient air sampling and analysis, and evaluation of the laboratory analytical data. These services included the following:

1. A pre-sampling site reconnaissance/visit to verify site conditions relative to the preparation tasks requested of the UCC tenants. The pre-sampling tasks requested of the tenant consisted of the removal of; (1) any PCE or TCE containing business supplies, and (2) the dry cleaning inventory. The tenant was also requested to cooperate with building management to ensure continuous operation of the HVAC system at its standard business-hours exchange rate prior to and throughout the sampling period. During the visit, GeoEngineers installed three (3) vapor pin sampling ports through the concrete floor slab of the UCC tenant space to monitor the differential pressure between the air within the UCC tenant space and the air below the slab. The differential pressure was subsequently measured in advance of, and during the indoor air sampling.
2. Collection of three air samples, including two indoor samples from within the UCC tenant space and an ambient (outdoor) sample from the building roof, over an 8-hour period using laboratory supplied Summa canisters. Prior to collecting the samples, the sampling team completed a brief visual building survey to confirm conditions inside the tenant space and operation of the HVAC system

   Submittal of three air samples for laboratory analysis for a focused list of chlorinated solvents including PCE, TCE, and their breakdown products using EPA Method TO-15.
3. Evaluation of the air sample results for quality assurance/quality control purposes and relative to current EPA action and MTCA screening levels.

SITE CONDITIONS AND SAMPLE COLLECTION

On June 10, 2017, prior to sample collection, GeoEngineers observed conditions within the UCC tenant space and visually confirmed that the dry cleaning inventory and business supplies, which are considered potential sources of chlorinated solvents, had been removed from the tenant space. No additional products, supplies, or potential sources of VOCs were observed within the UCC tenant space during this visit or during the sampling discussed below. The HVAC system was confirmed to be in operation during the pre-sampling site visit and during the sampling discussed below.

GeoEngineers collected two indoor air samples and one ambient air sample on June 11-12, 2017. The approximate air sampling locations are shown on Figure 2.

The indoor air sample locations (GIA-1 and GIA-2) were selected to duplicate the locations of the previous sampling by Landau (IA-1 and IA-2), which represent locations within the tenant space where employees and customers would be present during business hours. The ambient (outdoor) air sample location was also selected to duplicate the location of the previous sampling by Landau (AA-1), and collected to represent both baseline conditions in the general vicinity of the tenant space and assess ambient air as a potential source of contamination that could impact air inside the building.

The air samples were obtained by placing a 6-liter Summa canister, equipped with an 8-hour flow controller, at the locations shown on Figure 2. The canisters were placed so that the air samples were obtained in the breathing zone, approximately 4 feet above the floor. Initial canister pressure, start date and start time were recorded on a field data form. The inlet valve on the canister was opened to begin sample collection on the evening of June 11, 2017. The canisters were filled until a vacuum equivalent of approximately 5 inches of mercury remained in each canister. At that time (the morning of June 12, 2017), the sample team closed the inlet valve, then recorded the canister pressure and the stop date and time on the field data form. The canisters were then prepared and shipped to the laboratory for chemical analysis of the air samples.

The indoor and ambient air samples were submitted to ALS Environmental in Simi Valley, California for analysis of PCE, TCE, cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride by EPA Method TO-15.

ANALYTICAL RESULTS

The indoor air samples (GIA-1 and GIA-2) both indicated concentrations of PCE and TCE greater than the laboratory reporting limits; cis-1,2-DCE and vinyl chloride were not detected in either sample. The ambient air sample (GAA-1) only indicated a TCE concentration greater than the laboratory reporting limit; PCE, cis-1,2-DCE and vinyl chloride were not detected. The laboratory analytical results for the air samples are presented in Table 1. Results for the previous indoor and ambient air sample collected by Landau are also presented in Table 1 for comparison.

As shown in the Table 1, the PCE and TCE concentrations in indoor air are less than the modified site-specific MTCA Method B indoor air screening levels. GeoEngineers' exposure assumptions used in calculating the site-specific MTCA Method B air levels are as follows:

- Adult only, 60 hours/week, 50 weeks/year, 20 years

These assumptions are consistent with MTCA exposure assumptions for industrial land use (Washington Administrative Code [WAC] 173-340-745) and reflect expected exposures for commercial/occupational workers. Also included in Table 1 are the EPA Region 9 commercial/industrial TCE action levels based on near- or short-term exposure (3 weeks), and EPA Region 10 short-term TCE concentrations for commercial/industrial exposure for comparison.

The PCE and TCE concentrations detected in indoor air during this sampling event are below all of these screening levels, which are based on applicable regulatory criteria noted above.

The TCE concentration detected in the ambient air is greater than the TCE concentrations detected in the indoor air samples, but is also less than the screening levels.

DIFFERENTIAL PRESSURE TESTING

The magnitude and direction (positive or negative) of the pressure difference between the air in an occupied building space and the air within the underlying sub-slab space can be measured to provide information regarding building pressurization that can be used during data evaluation and the interpretation of indoor air conditions.

The differential pressure between the sub-slab air and the air within the UCC tenant space was measured at each indoor air sample location and at one additional indoor location (GPD-1 through GPD-3, Figure 2) for approximately 1 day prior to, and concurrent with, the indoor air sampling. The measurements were collected with an OmniGuard 4 differential pressure meter connected to the three vapor pins installed through the concrete floor of the tenant space, with one meter pressure port open to the indoor air. The pressure measurements were recorded automatically by the OmniGuard 4 instrument at 15-minute intervals beginning approximately 28 hours prior to indoor air sampling through the duration of the 8-hour sampling event (from the afternoon of June 10 to the morning of June 12, 2017). Following the sampling event, the instrument measurements were downloaded for review, and are presented in Appendix B.

The measurements collected at the three vapor pins showed pressure differential readings that varied within the instrument's margin of accuracy of ±0.003 inches of water column. These results indicate that, at the time of the measurements including during this recent indoor air sampling, there was no appreciable difference in air pressure between the sub-slab and the tenant space that could drive or suppress vapor intrusion between the sub-slab and the UCC tenant space.

CONCLUSIONS

The analytical results for the two indoor air samples collected from within the UCC tenant space indicated PCE and TCE concentrations greater than the laboratory reporting limits, but less than the site-specific MTCA Method B air levels and EPA Region 9 and 10 exposure levels, which were used as screening levels. These indoor air samples were collected after the UCC dry cleaning inventory and business supplies had been removed from the tenant space and with HVAC operating at an exchange rate consistent with standard business-hours operation.

The concentration of TCE detected in the recent ambient air sample is greater than the TCE concentrations detected in the indoor air samples, but is also less than the screening levels. The detected TCE concentration is consistent with the concentrations detected in the previous ambient air samples.

The measurements of the pressure differential found no appreciable difference in air pressure between the sub-slab and the tenant space that could drive or suppress vapor intrusion between the sub-slab and the UCC tenant space.

The analytical results for the current indoor air sampling indicated much lower PCE and TCE concentrations than the indoor air samples previously collected from within the UCC tenant space. The previous sampling was conducted under different site conditions with the tenant space set up for dry cleaning operations with the dry cleaning inventory and business supplies present within the UCC space. The analytical results for indoor air from the current sampling event indicate that the baseline conditions within the UCC tenant space, empty of tenant dry cleaning inventory and business supplies and with the HVAC system in normal business-hours operation, are protective of workers and customers in a standard commercial setting. The results also indicate that the dry cleaning inventory and/or business supplies contributed to the elevated PCE and TCE concentrations previously detected in the indoor air within the UCC tenant space.

LIMITATIONS

We have prepared this letter report for use by Bucklin Place, LLC and their authorized agents as part of their evaluation of and planning for environmental conditions at the properties located at 2222 NW Bucklin Hill Road in Silverdale, Washington. Our work was completed in accordance with our proposal dated March 10, 2017. No other party may rely on the product of our services unless we agree in advance and in writing to such reliance. 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.

We relied on information obtained from others in the preparation of this report. It is always possible that environmental conditions exist that were not identified or investigated thoroughly. Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

We appreciate the opportunity to work with you on this project. If you have any questions please contact us.

Sincerely,
GeoEngineers, Inc.

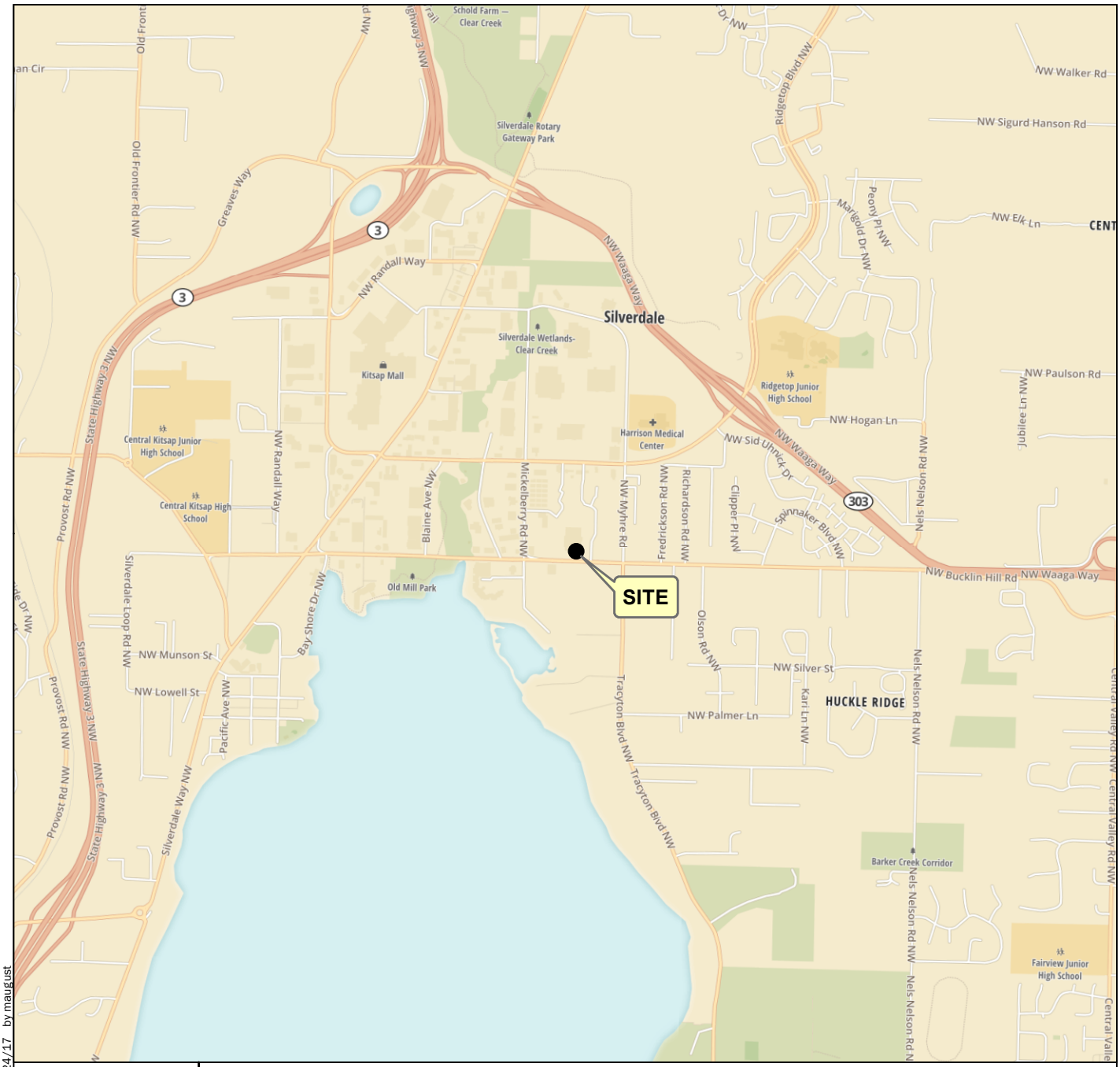
Ian Young, LG
Geologist

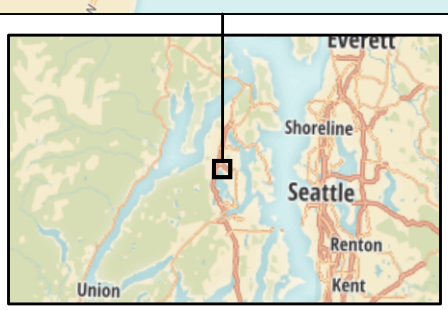
Tim L. Syverson, LHG
Associate

IDY:TLS:leh

Figure 1. Site Plan
Figure 2. Indoor Air Quality Sample Locations
Table 1. Air Chemical Analytical Data
Appendix A. Laboratory Analytical Data Report
Appendix B. Pressure Differential Measurement Record

One copy submitted electronically





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Feet

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Mapbox Open Street Map, 2017

Projection: NAD 1983 StatePlane Washington North FIPS 4601 Feet

Vicinity Map

Ultra Custom Cleaners
2222 NW Buckling Hill Road
Silverdale, Washington

GeoEngineers

Figure 1

P:\22\22828001\GIS\MXD\22828001_F01_VicinityMap.mxd Date Exported: 07/24/17 by maugust

Legend

GIA-1/GPD-1 — Indoor Air and/or Pressure Differential Sampling Location

GAA-1 — Ambient Air Sampling Location (Rooftop)

Approx. Subject Property Boundary

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Aerial was taken from Google Earth Pro., Imagery
Dated: 6/27/2016

Projection: WA State Plane, North Zone, NAD83, US Foot

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Indoor Air Sampling and Pressure Differential Testing Site Plan

Ultra Custom Cleaners
2222 NW Buckling Hill Road
Silverdale, Washington

GeoEngineers

Figure 2

P:\22\22828001\CAD\00\Environmental\22282800100_F02_Site Plan.dwg TAB:Site Plan Date Exported: 07/24/17 - 16:29 by kcook

Table 1

Air Chemical Analytical Data

Ultra Custom Cleaners

Silverdale, Washington

Sample Location[1]	Laboratory ID	Sample Date	Sample Type	VOCs[2] (µg/m³)			
				Vinyl Chloride	cis-1,2-Dichloroethene	Trichloroethene (TCE)	Tetrachloroethene (PCE)
Landau Associates, April 2016[3]							
IA-1	P1602080-001	4/19/2016	Indoor Air	0.18 U	0.18 U	**68**	**10**
IA-2	P1602080-002	4/19/2016	Indoor Air	0.14 U	0.14 U	**67**	**10**
AA-1	P1602080-003	4/19/2016	Ambient Air	0.17 U	0.17 U	**0.52**	**0.99**
Landau Associates, May 2016[4]							
IA-1	P1602491-004	5/11/2016	Indoor Air	0.23 U	0.23 U	**4.8**	**5.7**
Landau Associates, November 2016[5]							
IA-1	P1602188-001	11/2/2016	Indoor Air	0.21 U	0.21 U	**65**	**4.1**
AA-1	P1602188-003	11/2/2016	Ambient Air	0.18 U	0.18 U	**0.99**	0.18 U
GeoEngineers, June 2017[6]							
GIA-1	P1702869-002	6/12/2017	Indoor Air	0.14 U	0.14 U	**0.17**	**0.34**
GIA-2	P1702869-003	6/12/2017	Indoor Air	0.16 U	0.16 U	**0.19**	**0.37**
GAA-1	P1702869-001	6/12/2017	Ambient Air	0.13 U	0.13 U	**0.58**	0.13 U
Modified MTCA Method B Indoor Air Screening Level for Commercial Exposure Scenario[7]				NC	NC	2.7	42
EPA Region 9, Accelerated Response Action Level Commercial/Industrial 10-Hour Work Period[8]				NA	NA	7	NA
EPA Region 9 Urgent Response Action Level Commercial/Industrial 10-Hour Work Period[8]				NA	NA	21	NA
EPA Region 10 Short-Term, Not to be Exceeded Concentration, Commercial/Industrial 8-Hour Work Period[9]				NA	NA	8.8	NA

Notes:

[1]Approximate sample locations shown on Figure 1. GeoEngineers sample locations replicated previous Landau Associates sample locations.

[2]Volatile organic compounds (VOCs) analyzed by U.S. Environmental Protection Agency (EPA) Method TO-15.

[3]Landau Associates April 2016 sampling event conducted with exterior doors closed.

[4]Landau Associates May 2016 sampling event conducted with exterior doors open.

[3]Landau Associates November 2016 sampling event conducted following modifcations to HVAC system and with exterior doors closed.

[6]GeoEngineers June 2017 sampling event conducted following removal of all inventory and business supplies, with HVAC system operating, and with exterior doors closed.

[7]Model Toxics Control Act (MTCA) Method B Indoor Air Screening Level adjusted for a commercial exposure scenario (adult only, 60 hours per week, 50 weeks per year, 20 years).

[8]EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion dated July 9, 2014.

[9]Office of Environmental Assessment (OEA) Recommendations Regarding Trichloroethylene Toxicity in Human Health Risk Assessments dated December 13, 2012 (EPA Region 10).

NA = Not applicable; no listed value

NC = Not calculated as analyte was not detected

U = Analyte not detected at the laboratory reporting limit shown

µg/m³ = micrograms per cubic meter

-- = not tested

Bolding indicates analyte was detected.

Shading indicates a concentration greater than one or more screening level.

Chemical analytical testing by ALS Environmental in Simi Valley, California. Laboratory analytical reports in Appendix B.

APPENDIX A
Laboratory Analytical Data Report

APPENDIX A
LABORATORY ANALYTICAL DATA REPORT

Analytical Methods

Chain-of-custody procedures were followed during the transport of the air samples to ALS Environmental of Simi Valley, California, the analytical testing laboratory. The analytical results, analytical methods reference and laboratory quality control records are included in this appendix. The analytical results are summarized in the text and tables of this letter 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 method blanks, laboratory duplicates, and laboratory control samples 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 report. The laboratory compared each group of samples with the existing data quality goals.

Analytical Data Review Summary

No data quality exceptions were noted in the laboratory report during our review. Based on our data quality review, it is our opinion that the analytical data are of acceptable quality for their intended use in this letter report.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
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www.alsglobal.com

LABORATORY REPORT

June 28, 2017

Ian Young
GeoEngineers, Inc.
600 Stewart Street, Suite 1700
Seattle, WA 98101

RE: Bucklin Place, UCC / 22828-001-00

Dear Ian:

Enclosed are the results of the samples submitted to our laboratory on June 14, 2017. For your reference, these analyses have been assigned our service request number P1702869.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

Kate Kaneko
By Kate Kaneko at 12:26 pm, 06/28/17

Kate Kaneko
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
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Client: GeoEngineers, Inc. Service Request No: P1702869
Project: Bucklin Place, UCC / 22828-001-00

CASE NARRATIVE

The samples were received intact under chain of custody on June 14, 2017 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for selected volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/LouisianaLaboratoryAccreditationProgram.aspx	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2016036
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1177034
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-004
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-16-7
Utah DOH (NELAP)	http://health.utah.gov/lab/environmental-lab-certification/	CA016272016-6
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: GeoEngineers, Inc. Service Request: P1702869

Project ID: Bucklin Place, UCC / 22828-001-00

Date Received: 6/14/2017

Time Received: 16:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
GAA-1	P1702869-001	Air	6/12/2017	04:01	AC02189	-0.29	4.00	X
GIA-1	P1702869-002	Air	6/12/2017	04:07	AS00938	-1.72	3.73	X
GIA-2	P1702869-003	Air	6/12/2017	04:07	AC02048	-3.05	3.59	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10-Day-Standard

ALS Project No. PTO 2869

Company Name & Address (Reporting Information)
GeoEngineers, Inc
600 Stewart St., Suite 1700
Seattle, WA 98101

Project Name: Bucklin Place, UCC

Project Number: 22828-001-00

Project Manager: Tim Syverson

P.O. # / Billing Information: SAME AS REPORTING

Phone: 206-448-4197 Fax: 206-728-2737

Email Address for Result Reporting: tsyverson@geoengineers.com

Sampler (Print & Sign): PAUL ROBINETTE

ALS Contact:

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 ; Vinyl Chloride, 1,1-DCE, 1,2 DCE, TCE, PCE		Comments e.g. Actual Preservative or specific instructions
GAA-1	1	6/12/17	0401	AC02189	FCA00~~714~~ 589	-30	-3		X		
GIA-1	2	6/12/17	0407	AC00938	FCA00744	-30	-5		X		
GIA-2	3	6/12/17	0407	AC02048	FCA00123	-29	-8		X		

5 of 12

Report Tier Levels - please select

Tier I - Results (Default in not specified) ____ Tier III (Results + QC & Calibration Summaries) ____

Tier II (Results + QC Summaries ____ Tier IV (Date Validation Package) 10% Surcharge ____

EDD required YES / No

Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	6/12/17	0600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				6/14/17	0930

Cooler / Blank Temperature ____ °C

ALS Environmental
Sample Acceptance Check Form

Client: GeoEngineers, Inc. Work order: P1702869

Project: Bucklin Place, UCC / 22828-001-00

Sample(s) received on: 6/14/17 Date opened: 6/14/17 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1702869-001.01	6.0 L Ambient Can					
P1702869-002.01	6.0 L Silonite Can					
P1702869-003.01	6.0 L Ambient Can					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **GeoEngineers, Inc.**
Client Sample ID: **GAA-1** ALS Project ID: P1702869
Client Project ID: **Bucklin Place, UCC / 22828-001-00** ALS Sample ID: P1702869-001

Test Code: EPA TO-15 Date Collected: 6/12/17
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 6/14/17
Analyst: Wida Ang Date Analyzed: 6/19/17
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AC02189

Initial Pressure (psig): -0.29 Final Pressure (psig): 4.00

Canister Dilution Factor: 1.30

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.13	0.12	ND	0.051	0.048	
156-59-2	cis-1,2-Dichloroethene	ND	0.13	0.12	ND	0.033	0.030	
79-01-6	Trichloroethene	**0.58**	0.13	0.12	**0.11**	0.024	0.022	
127-18-4	Tetrachloroethene	ND	0.13	0.094	ND	0.019	0.014	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **GeoEngineers, Inc.**
Client Sample ID: **GIA-1** ALS Project ID: P1702869
Client Project ID: **Bucklin Place, UCC / 22828-001-00** ALS Sample ID: P1702869-002

Test Code: EPA TO-15 Date Collected: 6/12/17
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 6/14/17
Analyst: Wida Ang Date Analyzed: 6/19/17
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00938

Initial Pressure (psig): -1.72 Final Pressure (psig): 3.73

Canister Dilution Factor: 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.14	0.13	ND	0.056	0.053	
156-59-2	cis-1,2-Dichloroethene	ND	0.14	0.13	ND	0.036	0.033	
79-01-6	Trichloroethene	**0.17**	0.14	0.13	**0.031**	0.026	0.024	
127-18-4	Tetrachloroethene	**0.34**	0.14	0.10	**0.050**	0.021	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **GeoEngineers, Inc.**
Client Sample ID: **GIA-2** ALS Project ID: P1702869
Client Project ID: **Bucklin Place, UCC / 22828-001-00** ALS Sample ID: P1702869-003

Test Code: EPA TO-15 Date Collected: 6/12/17
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 6/14/17
Analyst: Wida Ang Date Analyzed: 6/19/17
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AC02048

Initial Pressure (psig): -3.05 Final Pressure (psig): 3.59

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.16	0.15	ND	0.061	0.058	
156-59-2	cis-1,2-Dichloroethene	ND	0.16	0.14	ND	0.040	0.036	
79-01-6	Trichloroethene	**0.19**	0.16	0.14	**0.035**	0.029	0.026	
127-18-4	Tetrachloroethene	**0.37**	0.16	0.11	**0.054**	0.023	0.017	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **GeoEngineers, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P1702869
Client Project ID: **Bucklin Place, UCC / 22828-001-00** ALS Sample ID: P170619-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/19/17
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.10	0.095	ND	0.039	0.037	
156-59-2	cis-1,2-Dichloroethene	ND	0.10	0.092	ND	0.025	0.023	
79-01-6	Trichloroethene	ND	0.10	0.089	ND	0.019	0.017	
127-18-4	Tetrachloroethene	ND	0.10	0.072	ND	0.015	0.011	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **GeoEngineers, Inc.**
Client Project ID: **Bucklin Place, UCC / 22828-001-00** ALS Project ID: P1702869

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date(s) Collected: 6/12/17
Analyst: Wida Ang Date(s) Received: 6/14/17
Sample Type: 6.0 L Summa Canister(s) / 6.0 L Silonite Canister(s) Date(s) Analyzed: 6/19/17
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P170619-MB	**93**	**99**	**111**	70-130	
Lab Control Sample	P170619-LCS	**92**	**99**	**113**	70-130	
GAA-1	P1702869-001	**92**	**99**	**115**	70-130	
GIA-1	P1702869-002	**91**	**100**	**116**	70-130	
GIA-2	P1702869-003	**91**	**99**	**113**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **GeoEngineers, Inc.**
Client Sample ID: **Lab Control Sample** ALS Project ID: P1702869
Client Project ID: **Bucklin Place, UCC / 22828-001-00** ALS Sample ID: P170619-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/19/17
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
75-01-4	Vinyl Chloride	210	**184**	**88**	61-125	
156-59-2	cis-1,2-Dichloroethene	212	**176**	**83**	72-117	
79-01-6	Trichloroethene	212	**191**	**90**	68-114	
127-18-4	Tetrachloroethene	213	**192**	**90**	65-130	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

APPENDIX B
Pressure Differential Measurement Record

Appendix B

Supplemental Indoor Air Sampling and Evaluation

Pressure Differential Data, Location GPD-1

Ultra Custom Cleaners

Silverdale, Washington

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/10/17	12:56	0	-0.002
6/10/17	13:11	0	0
6/10/17	13:26	0	0
6/10/17	13:41	0	0
6/10/17	13:56	0	0
6/10/17	14:11	0.002	0
6/10/17	14:26	0	-0.002
6/10/17	14:41	0	-0.002
6/10/17	14:56	0	0
6/10/17	15:11	0	0
6/10/17	15:26	0	0
6/10/17	15:41	0	0
6/10/17	15:56	0	0
6/10/17	16:11	0	0
6/10/17	16:26	0	0
6/10/17	16:41	0	-0.001
6/10/17	16:56	0.002	0
6/10/17	17:11	0	0
6/10/17	17:26	0	0
6/10/17	17:41	0	-0.002
6/10/17	17:56	0	0
6/10/17	18:11	0	0
6/10/17	18:26	0	0
6/10/17	18:41	0	0
6/10/17	18:56	0	0
6/10/17	19:11	0	0
6/10/17	19:26	0	0
6/10/17	19:41	0	0
6/10/17	19:56	0	0
6/10/17	20:11	0	0
6/10/17	20:26	0	0
6/10/17	20:41	0	0
6/10/17	20:56	0	0
6/10/17	21:11	0	0
6/10/17	21:26	0	0
6/10/17	21:41	0	0
6/10/17	21:56	0	0
6/10/17	22:11	0	0

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/10/17	22:26	0	0
6/10/17	22:41	0	0
6/10/17	22:56	0	0
6/10/17	23:11	0	0
6/10/17	23:26	0	0
6/10/17	23:41	0	0
6/10/17	23:56	0	0
6/11/17	0:11	0	0
6/11/17	0:26	0	0
6/11/17	0:41	0	0
6/11/17	0:56	0	0
6/11/17	1:11	0	0
6/11/17	1:26	0	0
6/11/17	1:41	0	0
6/11/17	1:56	0	0
6/11/17	2:11	0	0
6/11/17	2:26	0	0
6/11/17	2:41	0	0
6/11/17	2:56	0	0
6/11/17	3:11	0	0
6/11/17	3:26	0	0
6/11/17	3:41	0	0
6/11/17	3:56	0	0
6/11/17	4:11	0	0
6/11/17	4:26	0	0
6/11/17	4:41	0	0
6/11/17	4:56	0	0
6/11/17	5:11	0	0
6/11/17	5:26	0	0
6/11/17	5:41	0	0
6/11/17	5:56	0	0
6/11/17	6:11	0	0
6/11/17	6:26	0	0
6/11/17	6:41	0	0
6/11/17	6:56	0	0
6/11/17	7:11	0	0
6/11/17	7:26	0	0
6/11/17	7:41	0	0
6/11/17	7:56	0	0
6/11/17	8:11	0	0
6/11/17	8:26	0	0
6/11/17	8:41	0	0
6/11/17	8:56	0	0
6/11/17	9:11	0	0
6/11/17	9:26	0	0

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/11/17	9:41	0	0
6/11/17	9:56	0	0
6/11/17	10:11	0	0
6/11/17	10:26	0	0
6/11/17	10:41	0	0
6/11/17	10:56	0.002	0
6/11/17	11:11	0.002	-0.003
6/11/17	11:26	0	0
6/11/17	11:41	0	-0.002
6/11/17	11:56	0	0
6/11/17	12:11	0	0
6/11/17	12:26	0	0
6/11/17	12:41	0	0
6/11/17	12:56	0	0
6/11/17	13:11	0	0
6/11/17	13:26	0	0
6/11/17	13:41	0	0
6/11/17	13:56	0	0
6/11/17	14:11	0.002	0
6/11/17	14:26	0	0
6/11/17	14:41	0	0
6/11/17	14:56	0	0
6/11/17	15:11	0	0
6/11/17	15:26	0	0
6/11/17	15:41	0	0
6/11/17	15:56	0	0
6/11/17	16:11	0	0
6/11/17	16:26	0	0
6/11/17	16:41	0	0
6/11/17	16:56	0	0
6/11/17	17:11	0	0
6/11/17	17:26	0	0
6/11/17	17:41	0	0
6/11/17	17:56	0	0
6/11/17	18:11	0	0
6/11/17	18:26	0	0
6/11/17	18:41	0	0
6/11/17	18:56	0	0
6/11/17	19:11	0	0
6/11/17	19:26	0	0
6/11/17	19:41	0	0
6/11/17	19:56	0	0
6/11/17	20:11	0	-0.002
6/11/17	20:26	0	0
6/11/17	20:41	0	0

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/11/17	20:56	0	0
6/11/17	21:11	0	0
6/11/17	21:26	0	0
6/11/17	21:41	0	0
6/11/17	21:56	0	0
6/11/17	22:11	0	0
6/11/17	22:26	0	0
6/11/17	22:41	0	0
6/11/17	22:56	0	0
6/11/17	23:11	0	0
6/11/17	23:26	0	0
6/11/17	23:41	0	0
6/11/17	23:56	0	0
6/12/17	0:11	0	0
6/12/17	0:26	0	0
6/12/17	0:41	0	0
6/12/17	0:56	0	0
6/12/17	1:11	0	0
6/12/17	1:26	0	0
6/12/17	1:41	0	0
6/12/17	1:56	0	0
6/12/17	2:11	0	0
6/12/17	2:26	0	0
6/12/17	2:41	0	0
6/12/17	2:56	0	0
6/12/17	3:11	0	0
6/12/17	3:26	0	0
6/12/17	3:41	0	0
6/12/17	3:56	0	0

Appendix B

Supplemental Indoor Air Sampling and Evaluation

Pressure Differential Data, Location GPD-2

Ultra Custom Cleaners

Silverdale, Washington

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/10/17	12:53	0	0
6/10/17	13:08	0	0
6/10/17	13:23	0	0
6/10/17	13:38	0	0
6/10/17	13:53	0	0
6/10/17	14:08	0	0
6/10/17	14:23	0	0
6/10/17	14:38	0	0
6/10/17	14:53	0	0
6/10/17	15:08	0	0
6/10/17	15:23	0	0
6/10/17	15:38	0	0
6/10/17	15:53	0	0
6/10/17	16:08	0	0
6/10/17	16:23	0	0
6/10/17	16:38	0	0
6/10/17	16:53	0	0
6/10/17	17:08	0	0
6/10/17	17:23	0	0
6/10/17	17:38	0	0
6/10/17	17:53	0	0
6/10/17	18:08	0	0
6/10/17	18:23	0	0
6/10/17	18:38	0	0
6/10/17	18:53	0	0
6/10/17	19:08	0	0
6/10/17	19:23	0	0
6/10/17	19:38	0	0
6/10/17	19:53	0	0
6/10/17	20:08	0	0
6/10/17	20:23	0	0
6/10/17	20:38	0	0
6/10/17	20:53	0	0
6/10/17	21:08	0	0
6/10/17	21:23	0	0
6/10/17	21:38	0	0
6/10/17	21:53	0	0
6/10/17	22:08	0	0
6/10/17	22:23	0	0

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/10/17	22:38	0	0
6/10/17	22:53	0	0
6/10/17	23:08	0	0
6/10/17	23:23	0	0
6/10/17	23:38	0	0
6/10/17	23:53	0	0
6/11/17	0:08	0	0
6/11/17	0:23	0	0
6/11/17	0:38	0	0
6/11/17	0:53	0	0
6/11/17	1:08	0	0
6/11/17	1:23	0	0
6/11/17	1:38	0	0
6/11/17	1:53	0	0
6/11/17	2:08	0	0
6/11/17	2:23	0	0
6/11/17	2:38	0	0
6/11/17	2:53	0	0
6/11/17	3:08	0	0
6/11/17	3:23	0	0
6/11/17	3:38	0	0
6/11/17	3:53	0	0
6/11/17	4:08	0	0
6/11/17	4:23	0	0
6/11/17	4:38	0	0
6/11/17	4:53	0	0
6/11/17	5:08	0	0
6/11/17	5:23	0	0
6/11/17	5:38	0	0
6/11/17	5:53	0	0
6/11/17	6:08	0	0
6/11/17	6:23	0	0
6/11/17	6:38	0	0
6/11/17	6:53	0	0
6/11/17	7:08	0	0
6/11/17	7:23	0	0
6/11/17	7:38	0	0
6/11/17	7:53	0	0
6/11/17	8:08	0	0
6/11/17	8:23	0	0
6/11/17	8:38	0	0
6/11/17	8:53	0	0
6/11/17	9:08	0	0
6/11/17	9:23	0	0
6/11/17	9:38	0	0

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/11/17	9:53	0	0
6/11/17	10:08	0	0
6/11/17	10:23	0	0
6/11/17	10:38	0	0
6/11/17	10:53	0	0
6/11/17	11:08	0	0
6/11/17	11:23	0	0
6/11/17	11:38	0	0
6/11/17	11:53	0	0
6/11/17	12:08	0	0
6/11/17	12:23	0	0
6/11/17	12:38	0	0
6/11/17	12:53	0	0
6/11/17	13:08	0	0
6/11/17	13:23	0	0
6/11/17	13:38	0	0
6/11/17	13:53	0	0
6/11/17	14:08	0	0
6/11/17	14:23	0	0
6/11/17	14:38	0	0
6/11/17	14:53	0	0
6/11/17	15:08	0	0
6/11/17	15:23	0	0
6/11/17	15:38	0	0
6/11/17	15:53	0	0
6/11/17	16:08	0	0
6/11/17	16:23	0	0
6/11/17	16:38	0	0
6/11/17	16:53	0	0
6/11/17	17:08	0	0
6/11/17	17:23	0	0
6/11/17	17:38	0	0
6/11/17	17:53	0	0
6/11/17	18:08	0	0
6/11/17	18:23	0	0
6/11/17	18:38	0	0
6/11/17	18:53	0	0
6/11/17	19:08	0	0
6/11/17	19:23	0	0
6/11/17	19:38	0	0
6/11/17	19:53	0	0
6/11/17	20:08	0	0
6/11/17	20:23	0	0
6/11/17	20:38	0	0
6/11/17	20:53	0	0

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/11/17	21:08	0	0
6/11/17	21:23	0	0
6/11/17	21:38	0	0
6/11/17	21:53	0	0
6/11/17	22:08	0	0
6/11/17	22:23	0	0
6/11/17	22:38	0	0
6/11/17	22:53	0	0
6/11/17	23:08	0	0
6/11/17	23:23	0	0
6/11/17	23:38	0	0
6/11/17	23:53	0	0
6/12/17	0:08	0	0
6/12/17	0:23	0	0
6/12/17	0:38	0	0
6/12/17	0:53	0	0
6/12/17	1:08	0	0
6/12/17	1:23	0	0
6/12/17	1:38	0	0
6/12/17	1:53	0	0
6/12/17	2:08	0	0
6/12/17	2:23	0	0
6/12/17	2:38	0	0
6/12/17	2:53	0	0
6/12/17	3:08	0	0
6/12/17	3:23	0	0
6/12/17	3:38	0	0
6/12/17	3:53	0	0
6/12/17	4:08	0	0

Appendix B

Supplemental Indoor Air Sampling and Evaluation

Pressure Differential Data, Location GPD-3

Ultra Custom Cleaners

Silverdale, Washington

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/10/17	12:51	0	-0.002
6/10/17	13:06	0	-0.002
6/10/17	13:21	0	-0.003
6/10/17	13:36	0	-0.003
6/10/17	13:51	0	-0.002
6/10/17	14:06	0	-0.002
6/10/17	14:21	0	-0.002
6/10/17	14:36	0	-0.003
6/10/17	14:51	0	-0.003
6/10/17	15:06	0	0
6/10/17	15:21	0	0
6/10/17	15:36	0	0
6/10/17	15:51	0	0
6/10/17	16:06	0	0
6/10/17	16:21	0	0
6/10/17	16:36	0	0
6/10/17	16:51	0	0
6/10/17	17:06	0	0
6/10/17	17:21	0	0
6/10/17	17:36	0	0
6/10/17	17:51	0	0
6/10/17	18:06	0	0
6/10/17	18:21	0	0
6/10/17	18:36	0	-0.002
6/10/17	18:51	0	-0.002
6/10/17	19:06	0	-0.002
6/10/17	19:21	0	-0.002
6/10/17	19:36	0	-0.002
6/10/17	19:51	0	-0.002
6/10/17	20:06	0	-0.002
6/10/17	20:21	0	-0.002
6/10/17	20:36	0	-0.002
6/10/17	20:51	0	-0.003
6/10/17	21:06	0	-0.002
6/10/17	21:21	0	-0.002
6/10/17	21:36	0	-0.002
6/10/17	21:51	0	-0.002
6/10/17	22:06	0	-0.003

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/10/17	22:21	0	-0.003
6/10/17	22:36	0	-0.003
6/10/17	22:51	0	-0.002
6/10/17	23:06	0	-0.003
6/10/17	23:21	0	-0.003
6/10/17	23:36	0	-0.002
6/10/17	23:51	0	-0.002
6/11/17	0:06	0	-0.003
6/11/17	0:21	0	-0.003
6/11/17	0:36	0	-0.003
6/11/17	0:51	0	-0.003
6/11/17	1:06	0	-0.003
6/11/17	1:21	0	-0.003
6/11/17	1:36	0	-0.003
6/11/17	1:51	0	-0.003
6/11/17	2:06	0	-0.003
6/11/17	2:21	0	-0.003
6/11/17	2:36	0	-0.003
6/11/17	2:51	0	-0.003
6/11/17	3:06	0	-0.003
6/11/17	3:21	0	-0.002
6/11/17	3:36	0	-0.003
6/11/17	3:51	0	-0.003
6/11/17	4:06	0	-0.003
6/11/17	4:21	0	-0.002
6/11/17	4:36	0	-0.003
6/11/17	4:51	0	-0.003
6/11/17	5:06	0	-0.003
6/11/17	5:21	0	-0.003
6/11/17	5:36	0	-0.003
6/11/17	5:51	0	-0.002
6/11/17	6:06	0	-0.002
6/11/17	6:21	0	-0.003
6/11/17	6:36	0	-0.003
6/11/17	6:51	0	-0.002
6/11/17	7:06	0	-0.003
6/11/17	7:21	0	-0.002
6/11/17	7:36	0	-0.002
6/11/17	7:51	0	-0.002
6/11/17	8:06	0	-0.003
6/11/17	8:21	0	-0.002
6/11/17	8:36	0	-0.002
6/11/17	8:51	0	-0.002
6/11/17	9:06	0	-0.002
6/11/17	9:21	0	-0.002

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/11/17	9:36	0	-0.002
6/11/17	9:51	0	-0.002
6/11/17	10:06	0	-0.002
6/11/17	10:21	0	-0.002
6/11/17	10:36	0	-0.002
6/11/17	10:51	0	-0.004
6/11/17	11:06	0	-0.003
6/11/17	11:21	0	-0.003
6/11/17	11:36	0	-0.003
6/11/17	11:51	0	-0.002
6/11/17	12:06	0	-0.002
6/11/17	12:21	0	-0.003
6/11/17	12:36	0	-0.002
6/11/17	12:51	0	-0.002
6/11/17	13:06	0	-0.002
6/11/17	13:21	0	-0.002
6/11/17	13:36	0	-0.002
6/11/17	13:51	0	-0.003
6/11/17	14:06	0	-0.003
6/11/17	14:21	0	-0.004
6/11/17	14:36	0	-0.002
6/11/17	14:51	0	-0.002
6/11/17	15:06	0	0
6/11/17	15:21	0	0
6/11/17	15:36	0	0
6/11/17	15:51	0	0
6/11/17	16:06	0	0
6/11/17	16:21	0	0
6/11/17	16:36	0	0
6/11/17	16:51	0	0
6/11/17	17:06	0	0
6/11/17	17:21	0	0
6/11/17	17:36	0	-0.002
6/11/17	17:51	0	0
6/11/17	18:06	0	0
6/11/17	18:21	0	-0.002
6/11/17	18:36	0	-0.001
6/11/17	18:51	0	0
6/11/17	19:06	0	-0.002
6/11/17	19:21	0	-0.002
6/11/17	19:36	0	-0.002
6/11/17	19:51	0	-0.002
6/11/17	20:06	0	-0.002
6/11/17	20:21	0	-0.002
6/11/17	20:36	0	-0.002

Date	Time of Measurement	High Value (inches water column)	Low Value (inches water column)
6/11/17	20:51	0	-0.002
6/11/17	21:06	0	-0.002
6/11/17	21:21	0	-0.002
6/11/17	21:36	0	-0.002
6/11/17	21:51	0	-0.003
6/11/17	22:06	0	-0.002
6/11/17	22:21	0	-0.003
6/11/17	22:36	0	-0.002
6/11/17	22:51	0	-0.003
6/11/17	23:06	0	-0.002
6/11/17	23:21	0	-0.002
6/11/17	23:36	0	-0.003
6/11/17	23:51	0	-0.003
6/12/17	0:06	0	-0.003
6/12/17	0:21	0	-0.003
6/12/17	0:36	0	-0.003
6/12/17	0:51	0	-0.003
6/12/17	1:06	0	-0.003
6/12/17	1:21	0	-0.003
6/12/17	1:36	0	-0.002
6/12/17	1:51	0	-0.003
6/12/17	2:06	0	-0.002
6/12/17	2:21	0	-0.003
6/12/17	2:36	0	-0.003
6/12/17	2:51	0	-0.003
6/12/17	3:06	0	-0.003
6/12/17	3:21	0	-0.003
6/12/17	3:36	0	-0.003
6/12/17	3:51	0	-0.003
6/12/17	4:06	0	-0.003