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Brookfield, WI 53045  
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www.gza.com

April 10, 2024

Ms. Karen McElroy  
1006 Lincoln Drive West  
West Bend, Wisconsin 53095-4727

Re: Results of Sub-Slab and Indoor Air Testing  
1006 Lincoln Drive West  
West Bend, Wisconsin

Dear Ms. McElroy:

On behalf of Continental VI Fund Limited Partnership (Continental), GZA GeoEnvironmental, Inc. (GZA) thanks you for allowing us access to conduct air testing in your residence in March 2024. As further described below, the results of vapor testing we conducted for chemicals that could be associated with the former Mr. Bob's One Hour Dry Cleaning that once operated at 1025 South Main Street (former Decorah Shopping Center) were found to be within allowable State levels. These results confirm the prior results obtained in March 2022.

#### Indoor Air Sampling and Analyses

GZA collected three passive indoor air samples from the basement and first and second floor levels of your home at 1006 Lincoln Drive West and an outside air background sample over an eight-day period from March 7 to 15, 2024. The passive indoor air and outside air background samples were collected with Radiello® RAD145 seven- to ten-day passive diffusive sorbent samplers. For sampling, GZA removed the adsorbent media from its sealed, glass containers, placed the adsorbent media in the diffusive barrier, and connected the diffusive barrier to a stand for placement at the sampling location. After approximately eight days, GZA returned to your residence to remove the adsorbent media from the diffusive barrier and place them back in the sealed, glass containers. GZA recorded the dates and times the adsorbent media were removed from and returned to the sealed, glass containers on the chain-of-custody. GZA submitted the samples under chain-of-custody to Eurofins|Air Toxics of Folsom, California. Eurofins|Air Toxics analyzed the samples for tetrachloroethene (PCE) the historical cleaning agent associated with operations at the former Mr. Bob's One Hour Dry Cleaning, and three associated target chemicals; trichloroethene (TCE) and cis- and trans-1,2-dichloroethene (cis- and trans-1,2-DCE) in accordance with the modified United States Environmental Protection Agency (USEPA) Method TO-17. The analytical report for the indoor air and outdoor air background samples is provided in **Attachment 1**.

#### Sub-Slab Soil Vapor and Sanitary Sewer Cleanout Sampling and Analyses

GZA collected an air sample from beneath the slab (referred to as sub-slab soil vapor samples) in the basement of your residence on March 15, 2024, after completion of the indoor air sampling. GZA also collected an air sample from a sanitary sewer cleanout in your basement. GZA collected the sub-slab soil vapor sanitary sewer cleanout samples in 1-liter, evacuated SUMMA® vacuum canisters through one of the sampling ports GZA previously installed through the concrete floor slab and from within the sanitary sewer cleanout.

GZA submitted the sub-slab vapor sample under chain-of-custody to Eurofins Test America of Knoxville, Tennessee for analyses of PCE, TCE, cis- and trans-1,2-DCE, and vinyl chloride in accordance with USEPA Method TO-15. The analytical report for the sub-slab soil and sewer cleanout vapor samples is provided in **Attachment 2**.



### Indoor Air Sample Results

The analytical results for the indoor and background air samples collected in January and March 2022 and March 2024, are summarized on **Table 1**. Of the four target chemicals included for analyses of indoor-air samples, only PCE was detected. PCE was detected in each of the March 2024 indoor air samples, but not the background outdoor air sample. The reported PCE concentrations are in the range of 0.44 to 0.55 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), concentrations that are approximately 1% the Residential Indoor Air Vapor Action Level.

### Sub-Slab Soil and Sewer Cleanout Vapor Sample Results

The analytical results for the sub-slab vapor samples collected in January 2022 and March 2024, are summarized on **Table 2**. The five chemicals included for analyses of the March 2024 sub-slab or sewer cleanout vapor samples were not detected.

### Conclusions

With the lack of PCE detection in the sub-slab and sewer air samples, the low-level PCE concentrations reported for air inside the residence do not appear to be coming from beneath the floor slab or from the sewer but may be from a source inside the residence. In summary, based on GZA's testing conducted to date, chemicals related to the former Mr. Bob's One Hour Dry Cleaning operation are not having an adverse effect on the indoor air in your home.

### Future Sampling

The Wisconsin Department of Natural Resources (WDNR) requested three rounds of indoor air and sub-slab testing. As this is the second round of testing, we will contact you in about two to three months to conduct the third and final round of sampling.

### Questions

If you have questions, please call Bernie at (262) 424-2045 or John at (262) 424-2042 at GZA. You may also contact Mr. John Feeney of the WDNR (920-893-8523), if you have any questions related to the work conducted; or Mr. Curtis Hedman of the Wisconsin Department of Health Services (WDHS) (608-266-6677), if you have any health-related questions or concerns associated with the results.

On behalf of Continental, GZA thanks you for your cooperation.

Very truly yours,

**GZA GeoEnvironmental, Inc.**

Bernard G. Fenelon, P.G.  
Senior Consultant/Hydrogeologist

John C. Osborne, P.G.  
Senior Principal/Hydrogeologist

J:\156300to156399\156364 Continental WB\01 Source Area Vapor Int Eval\Correspondence\  
Results Letters\2024 04 10 FINAL 156364.01 1006 Lincoln Dr W McElroy 2nd Round SS and IAQ Results Letter.docx

Attachments: Tables 1 and 2  
Laboratory Analytical Reports

c: Mr. Eric E. Thom, Continental VI Fund Limited Partnership  
Mr. John Feeney, WDNR  
Mr. Curtis Hedman, WDHS



## TABLES



**TABLE 1**  
**1006 LINCOLN DRIVE WEST INDOOR AIR ANALYTICAL RESULTS**  
**West Bend, Wisconsin**

Owner	Address - Sample Date	Residential Indoor Air Vapor Action Levels <sup>(3,4)</sup> ( $\mu\text{g}/\text{m}^3$ )	cis-1,2-DCE	trans-1,2-DCE	PCE	TCE	VC	
			NS	42	42	2.1	1.7	
McElroy	1006 Lincoln Drive West-Basement	1/5-6/2022	<b>1.9</b>	<0.26	<b>1.9</b>	<b><u>2.3</u></b>	<0.13	
	1006 Lincoln Drive West-1 <sup>st</sup> Floor	1/5-6/2022	<0.30	<0.26	<0.45	<0.30	<0.13	
	1006 Lincoln Drive West-2 <sup>nd</sup> Floor	1/5-6/2022	<0.30	<b>4.2</b>	<0.45	<0.30	<0.13	
	1006 Lincoln Drive West-Background	1/5-6/2022	<0.26	<0.23	<0.39	<0.26	<0.12	
	1006 Lincoln Drive West	2/10/2022	Moved various household chemicals from basement to garage.					
	1006 Lincoln Drive West-Basement	3/17-18/2022	<0.32	<0.28	<0.48	<0.32	<0.14	
	1006 Lincoln Drive West-Background	3/17-18/2022	<0.31	<b>1.9</b>	<0.46	<0.31	<0.14	
	1006 Lincoln Drive West-Basement	3/7-15/2024	<0.14	<0.29	<b>0.47</b>	<0.13	NA	
	1006 Lincoln Drive West-1 <sup>st</sup> Floor	3/7-15/2024	<0.14	<0.29	<b>0.55</b>	<0.13	NA	
	1006 Lincoln Drive West-2 <sup>nd</sup> Floor	3/7-15/2024	<0.14	<0.29	<b>0.44</b>	<0.13	NA	
1006 Lincoln Drive West-Background	3/7-15/2024	<0.14	<0.29	<0.15	<0.13	NA		

**Notes:**

- Indoor-Air samples were collected by GZA GeoEnvironmental, Inc. for analysis by Eurofins or Pace Analytical, Inc. for cis-1,2-dichloroethene, tetrachloroethene, trichloroethene and vinyl chloride in accordance with USEPA Method TO-15 or TO-17.
- Results are provided in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ).
- Screening levels are obtained from a WDNR webpage at the following link: <https://dnr.wi.gov/topic/Brownfields/documents/vapor/vapor-quick.pdf>
- Concentrations below the screening values are considered acceptable for occupancy of the building.
- 2015 USEPA Vapor Intrusion guidance provides a minimum 30 times attenuation factor between the sub-slab and indoor air concentrations.
- Values that exceed WDNR Vapor Action levels (VALs) are underlined and in italics.
- "NS" denotes no screening level established.



**TABLE 2**  
**1006 LINCOLN DRIVE WEST SUB-SLAB VAPOR ANALYTICAL RESULTS**  
**West Bend, Wisconsin**

Owner	Address - Sample	Sub-Slab Residential Vapor Inhalation Screening Levels <sup>(3,4)</sup> (µg/m <sup>3</sup> )	cis-1,2-DCE	trans-1,2-DCE	PCE	TCE	VC
			NS	1,400	1,400	70	56
McElroy	1006 Lincoln Drive West-East-SS	1/6/2022	<0.33	<0.29	<b>26.7</b>	<0.34	<0.15
	1006 Lincoln Drive West-West-SS	1/6/2022	<0.33	<0.29	<b>13.3</b>	<0.34	<0.15
	1006 Lincoln Drive West-East-SS	3/15/2024	<0.99	<1.3	<2.0	<1.8	<1.7
	1006 Lincoln Drive West-Cleanout	3/15/2024	<0.99	<1.3	<2.0	<1.8	<1.7

**Notes:**

1. Sub-slab vapor samples were collected by GZA GeoEnvironmental, Inc. from sub-slab vapor monitoring points for analysis by Eurofins for cis-1,2-dichloroethene, tetrachloroethene, trichloroethene and vinyl chloride in accordance with Modified EPA Method TO-15.
2. Results are provided in micrograms per cubic meter (µg/m<sup>3</sup>).
3. Screening levels are obtained from a WDNR webpage at the following link: <https://dnr.wi.gov/topic/Brownfields/documents/vapor/vapor-quick.pdf>
4. Concentrations below the screening values are considered acceptable for occupancy of the building.
5. 2015 USEPA Vapor Intrusion guidance provides a minimum 30 times attenuation factor between the sub-slab and indoor air concentrations.
6. Values that exceed WDNR sub-slab Vapor Risk Screening Levels (VRSLs) are underlined and in italics.
7. "NS" denotes no screening level established.



**ATTACHMENT 1**

**Laboratory Analytical Report and Chain-of-Custody Documentation  
Indoor Air and Outside Background Air Samples**

3/26/2024

Mr. Bernard Fenelon  
GZA GeoEnvironmental, Inc.  
17975 West Sarah Lane  
Ste 100  
Brookfield WI 53045

Project Name: CONTINENTAL - WEST BEND

Project #: 20.0156364.01

Workorder #: 2403509

Dear Mr. Bernard Fenelon

The following report includes the data for the above referenced project for sample(s) received on 3/19/2024 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. RAD130/SKC are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White  
Project Manager

**WORK ORDER #: 2403509**

Work Order Summary

<b>CLIENT:</b>	Mr. Bernard Fenelon GZA GeoEnvironmental, Inc. 17975 West Sarah Lane Ste 100 Brookfield, WI 53045	<b>BILL TO:</b>	Mr. Bernard Fenelon GZA GeoEnvironmental, Inc. 17975 West Sarah Lane Ste 100 Brookfield, WI 53045
<b>PHONE:</b>	262-754-2594	<b>P.O. #</b>	
<b>FAX:</b>	262754-9711	<b>PROJECT #</b>	20.0156364.01 CONTINENTAL -
<b>DATE RECEIVED:</b>	03/19/2024	<b>CONTACT:</b>	WEST BEND Jade White
<b>DATE COMPLETED:</b>	03/26/2024		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	1006 LINCOLN DR. W 1ST FLOOR IA	Passive S.E. RAD130/SKC
02A	1006 LINCOLN DR. W BASEMENT IA	Passive S.E. RAD130/SKC
03A	1006 LINCOLN DR. W BACKGROUND I	Passive S.E. RAD130/SKC
04A	1006 LINCOLN DR. W 2ND FLOOR IA	Passive S.E. RAD130/SKC
05A	Lab Blank	Passive S.E. RAD130/SKC
06A	CCV	Passive S.E. RAD130/SKC
07A	LCS	Passive S.E. RAD130/SKC
07AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY:   
 \_\_\_\_\_  
 Technical Director

DATE: 03/26/24

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935  
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017  
 Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.



**LABORATORY NARRATIVE  
RAD130 Passive SE by Mod EPA TO-17  
GZA GeoEnvironmental, Inc.  
Workorder# 2403509**

Four Radiello 130 (Solvent) samples were received on March 19, 2024. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

<i>Requirement</i>	<i>TO-17</i>	<i>ATL Modifications</i>
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

**Receiving Notes**

There were no receiving discrepancies.

**Analytical Notes**

The uptake rates were corrected based on average field temperatures if provided. In the absence of field temperatures, the uptake rates determined at 25 deg C were used.

If validated uptake rates were not available, rates were estimated using the chemical's diffusion coefficient in air and the geometric constant of the sampler. Chemicals that are poorly retained by the sorbent over the sampling duration may exhibit a low bias. All concentrations calculated using estimated rates are qualified with a "C" flag.

To calculate ug/m<sup>3</sup> concentrations in the Lab Blank, a sampling duration of 11345 minutes was applied. The assumed temperature used for the uptake rate is listed on the data page. If the field temperatures were provided, the rate was adjusted in the same manner as the field samples.

### **Definition of Data Qualifying Flags**

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds  
VOCS BY PASSIVE SAMPLER - GC/MS**

**Client Sample ID: 1006 LINCOLN DR. W 1ST FLOOR IA**

**Lab ID#: 2403509-01A**

<b>Compound</b>	<b>Rpt. Limit (ug)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug)</b>	<b>Amount (ug/m3)</b>
Tetrachloroethene	0.10	0.15	0.37	0.55

**Client Sample ID: 1006 LINCOLN DR. W BASEMENT IA**

**Lab ID#: 2403509-02A**

<b>Compound</b>	<b>Rpt. Limit (ug)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug)</b>	<b>Amount (ug/m3)</b>
Tetrachloroethene	0.10	0.15	0.32	0.47

**Client Sample ID: 1006 LINCOLN DR. W BACKGROUND IA**

**Lab ID#: 2403509-03A**

No Detections Were Found.

**Client Sample ID: 1006 LINCOLN DR. W 2ND FLOOR IA**

**Lab ID#: 2403509-04A**

<b>Compound</b>	<b>Rpt. Limit (ug)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug)</b>	<b>Amount (ug/m3)</b>
Tetrachloroethene	0.10	0.15	0.30	0.44



Air Toxics

Client Sample ID: 1006 LINCOLN DR. W 1ST FLOOR IA

Lab ID#: 2403509-01A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032123sim	Date of Collection:	3/15/24 10:10:00 AM
Dil. Factor:	1.00	Date of Analysis:	3/21/24 06:09 PM
		Date of Extraction:	3/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.13	Not Detected	Not Detected
Tetrachloroethene	0.10	0.15	0.37	0.55
cis-1,2-Dichloroethene	0.10	0.14	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.29	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 11334 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130



Air Toxics

Client Sample ID: 1006 LINCOLN DR. W BASEMENT IA

Lab ID#: 2403509-02A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032124sim	Date of Collection:	3/15/24 10:07:00 AM
Dil. Factor:	1.00	Date of Analysis:	3/21/24 06:37 PM
		Date of Extraction:	3/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.13	Not Detected	Not Detected
Tetrachloroethene	0.10	0.15	0.32	0.47
cis-1,2-Dichloroethene	0.10	0.14	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.29	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 11327 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130



Air Toxics

Client Sample ID: 1006 LINCOLN DR. W BACKGROUND IA

Lab ID#: 2403509-03A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032125sim	Date of Collection:	3/15/24 10:35:00 AM
Dil. Factor:	1.00	Date of Analysis:	3/21/24 07:05 PM
		Date of Extraction:	3/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.13	Not Detected	Not Detected
Tetrachloroethene	0.10	0.15	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.14	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.29	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 11345 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130



Air Toxics

Client Sample ID: 1006 LINCOLN DR. W 2ND FLOOR IA

Lab ID#: 2403509-04A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032126sim	Date of Collection:	3/15/24 10:16:00 AM
Dil. Factor:	1.00	Date of Analysis:	3/21/24 07:33 PM
		Date of Extraction:	3/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.13	Not Detected	Not Detected
Tetrachloroethene	0.10	0.15	0.30	0.44
cis-1,2-Dichloroethene	0.10	0.14	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.29	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 11318 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

Client Sample ID: Lab Blank

Lab ID#: 2403509-05A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032106sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/21/24 10:11 AM
		Date of Extraction:	3/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.13	Not Detected	Not Detected
Tetrachloroethene	0.10	0.15	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.14	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.29	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 11345 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130





Air Toxics

Client Sample ID: CCV

Lab ID#: 2403509-06A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032103sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/21/24 08:41 AM
		Date of Extraction:	NA

Compound	%Recovery
Trichloroethene	94
Tetrachloroethene	96
cis-1,2-Dichloroethene	94
trans-1,2-Dichloroethene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

Client Sample ID: LCS

Lab ID#: 2403509-07A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032104sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/21/24 09:08 AM
		Date of Extraction:	3/21/24

Compound	%Recovery	Method Limits
Trichloroethene	111	70-130
Tetrachloroethene	107	70-130
cis-1,2-Dichloroethene	107	70-130
trans-1,2-Dichloroethene	114	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130

Client Sample ID: LCSD

Lab ID#: 2403509-07AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	c032105sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/21/24 09:35 AM
		Date of Extraction:	3/21/24

Compound	%Recovery	Method Limits
Trichloroethene	111	70-130
Tetrachloroethene	106	70-130
cis-1,2-Dichloroethene	110	70-130
trans-1,2-Dichloroethene	116	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130



Air Toxics

# Passive Sorbent Chain of Custody

WO# **2403509**

Case Seal #: \_\_\_\_\_

Company: GZA GEOTECHNICAL INC. Project #: 20.0156364.01 P.O. #: \_\_\_\_\_  
 Project Manager: BERNARD FENELON Project Name: CONTINENTAL - WEST BEND  
 Contact phone/email: 202-754-2560 Collected by: C. Ainsworth

### Sample Matrix (check one)

### Reporting Units (circle)

### Turn Around Time:

Indoor/Outdoor Air    
 Soil Gas    
 Workplace Monitoring    
 Other ( )

ppbv  $\mu\text{g}/\text{m}^3$    
 ppmv  $\text{mg}/\text{m}^3$    
 $\mu\text{g}$  ng

Normal   
 Rush   
 Specify \_\_\_\_\_

### Analysis Requested

### Sample Comments:

Lab I.D.	Sample Identification	Sampler ID	Date of Deployment (mm/dd/yy)	Time of Deployment (hr:min)	Date of Retrieval (mm/dd/yy)	Time of Retrieval (hr:min)	Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ( )	Analysis Requested	Sample Comments:
01A	1006 LINCOLN DR. W 1st Floor IA	T1 985	3/7/2024	1316	3/15/2024	1010	X					SEE BELOW
02A	1006 LINCOLN DR. W BASEMENT IA	T1 986		1320		1007	X					
03A	1006 LINCOLN DR. W BACKLAWN IA	T1 987		1330		1035	X					
04A	1006 LINCOLN DR. W 2ND Floor IA	T1 988		1338		1016	X					

Relinquished by: (signature)	Date: <u>3/15/24</u>	Time: <u>1330</u>	Received by: (signature) <u>PER FED EX</u>	Date: _____	Time: _____	Notes to Lab: <u>PLEASE ANALYZE: PCE, TCE, VC, CIS AND TRANS 1,2 DCE</u>
Relinquished by: (signature)	Date: _____	Time: _____	Received by: (signature) <u>PAUL C. [Signature]</u>	Date: <u>3/19/24</u>	Time: <u>0945</u>	

Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, of shipping of samples.

**Lab Use Only**

Shipper Name: <u>FED EX</u>	Custody Seals Intact? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> None	Sample Condition Upon Receipt: (circle) <u>Good</u> <del>SDR</del>
Air Bill #:	Temperature (°C)	

Paul C. [Signature]  
3/19/24



**ATTACHMENT 2**

**Laboratory Analytical Report and Chain-of-Custody Documentation  
Sub-Slab Soil and Sewer Cleanout Vapor Samples**



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bernard Fenelon  
GZA GeoEnvironmental, Inc.  
17975 W Sarah Lane, Suite 100  
Brookfield, Wisconsin 53045

Generated 3/29/2024 6:45:53 PM

## JOB DESCRIPTION

Continental - West Bend

## JOB NUMBER

500-247665-1

# Eurofins Chicago

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

### Definitions of Limits

- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

## Authorization



Generated  
3/29/2024 6:45:53 PM

Authorized for release by  
Jodie Bracken, Project Manager I  
[Jodie.Bracken@ET.EurofinsUS.com](mailto:Jodie.Bracken@ET.EurofinsUS.com)  
Designee for  
Sandie Fredrick, Senior Project Manager  
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# Case Narrative

Client: GZA GeoEnvironmental, Inc.  
Project: Continental - West Bend

Job ID: 500-247665-1

**Job ID: 500-247665-1**

**Eurofins Chicago**

## Job Narrative 500-247665-1

### Receipt

The samples were received on 3/19/2024 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

### Air - GC/MS VOA

Methods TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by Eurofins TestAmerica Knoxville.

Method TO-15: The continuing calibration verification (CCV) associated with batch 140-84956 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method TO-15: The laboratory control sample (LCS) for analytical batch 140-84956 recovered outside control limits for the following analyte: Vinyl chloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Eurofins Chicago



# Detection Summary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

**Client Sample ID: 1006 LINCOLN DR WEST-EAST SS**

**Lab Sample ID: 500-247665-1**

No Detections.

**Client Sample ID: 1006 LINCOLN DR WEST-CLEANOUT**

**Lab Sample ID: 500-247665-2**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Method Summary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET KNX

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000



# Sample Summary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-247665-1	1006 LINCOLN DR WEST-EAST SS	Air	03/15/24 10:43	03/19/24 11:05	Air Canister (1-Liter) #34000963
500-247665-2	1006 LINCOLN DR WEST-CLEANOUT	Air	03/15/24 11:07	03/19/24 11:05	Air Canister (1-Liter) #11778

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# Client Sample Results

Client: GZA GeoEnvironmental, Inc.  
 Project/Site: Continental - West Bend

Job ID: 500-247665-1

**Client Sample ID: 1006 LINCOLN DR WEST-EAST SS**

**Lab Sample ID: 500-247665-1**

Date Collected: 03/15/24 10:43

Matrix: Air

Date Received: 03/19/24 11:05

Sample Container: Summa Canister 1L

**Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.25		2.0	0.25	ppb v/v			03/28/24 11:00	1
Tetrachloroethene	<0.29		2.0	0.29	ppb v/v			03/28/24 11:00	1
trans-1,2-Dichloroethene	<0.33		2.0	0.33	ppb v/v			03/28/24 11:00	1
Trichloroethene	<0.33		2.0	0.33	ppb v/v			03/28/24 11:00	1
Vinyl chloride	<0.65	*+	4.0	0.65	ppb v/v			03/28/24 11:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.99		7.9	0.99	ug/m3			03/28/24 11:00	1
Tetrachloroethene	<2.0		14	2.0	ug/m3			03/28/24 11:00	1
trans-1,2-Dichloroethene	<1.3		7.9	1.3	ug/m3			03/28/24 11:00	1
Trichloroethene	<1.8		11	1.8	ug/m3			03/28/24 11:00	1
Vinyl chloride	<1.7	*+	10	1.7	ug/m3			03/28/24 11:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		60 - 140		03/28/24 11:00	1

# Client Sample Results

Client: GZA GeoEnvironmental, Inc.  
 Project/Site: Continental - West Bend

Job ID: 500-247665-1

**Client Sample ID: 1006 LINCOLN DR WEST-CLEANOUT**

**Lab Sample ID: 500-247665-2**

Date Collected: 03/15/24 11:07

Matrix: Air

Date Received: 03/19/24 11:05

Sample Container: Summa Canister 1L

**Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.25		2.0	0.25	ppb v/v			03/28/24 11:51	1
Tetrachloroethene	<0.29		2.0	0.29	ppb v/v			03/28/24 11:51	1
trans-1,2-Dichloroethene	<0.33		2.0	0.33	ppb v/v			03/28/24 11:51	1
Trichloroethene	<0.33		2.0	0.33	ppb v/v			03/28/24 11:51	1
Vinyl chloride	<0.65	*+	4.0	0.65	ppb v/v			03/28/24 11:51	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.99		7.9	0.99	ug/m3			03/28/24 11:51	1
Tetrachloroethene	<2.0		14	2.0	ug/m3			03/28/24 11:51	1
trans-1,2-Dichloroethene	<1.3		7.9	1.3	ug/m3			03/28/24 11:51	1
Trichloroethene	<1.8		11	1.8	ug/m3			03/28/24 11:51	1
Vinyl chloride	<1.7	*+	10	1.7	ug/m3			03/28/24 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		60 - 140		03/28/24 11:51	1

# Definitions/Glossary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

## Qualifiers

### Air - GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# QC Association Summary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

## Air - GC/MS VOA

### Analysis Batch: 84956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-247665-1	1006 LINCOLN DR WEST-EAST SS	Total/NA	Air	TO-15	
500-247665-2	1006 LINCOLN DR WEST-CLEANOUT	Total/NA	Air	TO-15	
MB 140-84956/4	Method Blank	Total/NA	Air	TO-15	
LCS 140-84956/1002	Lab Control Sample	Total/NA	Air	TO-15	

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# Surrogate Summary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (60-140)
500-247665-1	1006 LINCOLN DR WEST-EAS	108
500-247665-2	1006 LINCOLN DR WEST-CLEANOUT	104
LCS 140-84956/1002	Lab Control Sample	124
MB 140-84956/4	Method Blank	106

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

# QC Sample Results

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Lab Sample ID: MB 140-84956/4**  
**Matrix: Air**  
**Analysis Batch: 84956**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
cis-1,2-Dichloroethene	<0.025		0.20	0.025	ppb v/v			03/28/24 08:16	1
Tetrachloroethene	<0.029		0.20	0.029	ppb v/v			03/28/24 08:16	1
trans-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			03/28/24 08:16	1
Trichloroethene	<0.033		0.20	0.033	ppb v/v			03/28/24 08:16	1
Vinyl chloride	<0.065		0.40	0.065	ppb v/v			03/28/24 08:16	1

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
cis-1,2-Dichloroethene	<0.099		0.79	0.099	ug/m3			03/28/24 08:16	1
Tetrachloroethene	<0.20		1.4	0.20	ug/m3			03/28/24 08:16	1
trans-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			03/28/24 08:16	1
Trichloroethene	<0.18		1.1	0.18	ug/m3			03/28/24 08:16	1
Vinyl chloride	<0.17		1.0	0.17	ug/m3			03/28/24 08:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		60 - 140		03/28/24 08:16	1

**Lab Sample ID: LCS 140-84956/1002**  
**Matrix: Air**  
**Analysis Batch: 84956**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
cis-1,2-Dichloroethene	2.00	1.73		ppb v/v		87	70 - 130
Tetrachloroethene	2.00	2.27		ppb v/v		113	70 - 130
trans-1,2-Dichloroethene	2.00	1.97		ppb v/v		98	70 - 130
Trichloroethene	2.00	1.93		ppb v/v		97	70 - 130
Vinyl chloride	2.00	5.56	*+	ppb v/v		278	70 - 130

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
cis-1,2-Dichloroethene	7.9	6.87		ug/m3		87	70 - 130
Tetrachloroethene	14	15.4		ug/m3		113	70 - 130
trans-1,2-Dichloroethene	7.9	7.80		ug/m3		98	70 - 130
Trichloroethene	11	10.4		ug/m3		97	70 - 130
Vinyl chloride	5.1	14.2	*+	ug/m3		278	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	124		60 - 140

# Lab Chronicle

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

**Client Sample ID: 1006 LINCOLN DR WEST-EAST SS**

**Lab Sample ID: 500-247665-1**

**Date Collected: 03/15/24 10:43**

**Matrix: Air**

**Date Received: 03/19/24 11:05**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	84956	S1K	EET KNX	03/28/24 11:00

**Client Sample ID: 1006 LINCOLN DR WEST-CLEANOUT**

**Lab Sample ID: 500-247665-2**

**Date Collected: 03/15/24 11:07**

**Matrix: Air**

**Date Received: 03/19/24 11:05**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	84956	S1K	EET KNX	03/28/24 11:51

**Laboratory References:**

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000



# Accreditation/Certification Summary

Client: GZA GeoEnvironmental, Inc.  
Project/Site: Continental - West Bend

Job ID: 500-247665-1

## Laboratory: Eurofins Knoxville

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998044300	08-31-24


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# Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

Knoxville, TN 37921-5947  
phone 865.291.3000 fax 865.584.4315

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information		Client Project Manager: <u>BERNARD GENEON</u>		Samples Collected By: <u>C. AUGWORTH</u>		COC No: <u>1</u> of <u>1</u> COCs								
Company Name: <u>GZA GEOTECHNICAL INTERNATIONAL INC</u>		Phone:		TO-14/15 (Standard / Low Level)		TALS Project #:								
Address: <u>17915 N. GUMM LAKE SQ E 100</u>		Email:		TO-15 SIM		For Lab Use Only:								
City/State/Zip: <u>BROOKFIELD, WI 53045</u>		Site Contact:		EPA 3C		Walk-in Client:								
Phone:		Tel/Fax:		EPA 25C		Lab Sampling:								
FAX:		Analysis Turnaround Time		ASTM D-1946		Job / SDG No.:								
Project Name: <u>CONTINENTAL WEST BOND</u>		Standard (Specific): <u>NO2/MR</u>		EPA 15/16		(See below for Add'l Items)								
Site/Location: <u>WEST BOND, WI</u>		Rush (Specify):		Other (Please specify in notes section)		Sample Specific Notes:								
P O #				Sample Type										
Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	Indoor Air/Ambient Air	Sub-Stab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (please specify in notes section)
<u>1006 LINCOLN DR WEST-EAST SS</u>	<u>3/15/24</u>	<u>1030</u>	<u>3/15/24</u>	<u>1043</u>	<u>-29</u>	<u>-3.5</u>	<u>09895</u>	<u>34000963</u>		<u>X</u>				
<u>1006 LINCOLN DR WEST-CLEANVT</u>	<u>1</u>	<u>1058</u>	<u>1</u>	<u>1107</u>	<u>-28</u>	<u>-3</u>	<u>11944</u>	<u>11778</u>					<u>X</u>	
 500-247665 Chain of Custody														
Temperature (Fahrenheit) Start Interior Ambient Stop														
Pressure (inches of Hg) Start Interior Ambient Stop														
Special Instructions/QC Requirements & Comments: <u>PLEASE ANALYZE: Cis AND TRANS 1,2 DCE; PCE; TCE; VC</u>														
Samples Shipped by: <u>[Signature]</u>		Date / Time: <u>3/15/24 1330</u>		Samples Received by: <u>PER FED EV</u>										
Samples Relinquished by:		Date / Time:		Received by: <u>CHR REHEN 3-15-24 1105</u>										
Relinquished by:		Date / Time:		Received by:										
Lab Use Only: Shipper Name:		Opened by:		Condition:										



EUROFINS KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST Log In Number:

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken														
1. Are the shipping containers intact?	/			<input type="checkbox"/> Containers, Broken	Custody Seal Intact Received Ambient CAR 3-18-24 FedEx GH712609025177 2 6L cans / 6 1L cans / 8 flows														
2. Were ambient air containers received intact?			/	<input checked="" type="checkbox"/> Checked in lab															
3. The coolers/containers custody seal if present, is it intact?	/			<input type="checkbox"/> Yes															
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID : <u>SC 76</u> Correction factor: <u>+0.2 °C</u>			/	<input type="checkbox"/> NA															
				<input type="checkbox"/> Cooler Out of Temp, Client Contacted, Proceed/Cancel															
5. Were all of the sample containers received intact?	/			<input type="checkbox"/> Cooler Out of Temp, Same Day Receipt															
6. Were samples received in appropriate containers?	/			<input type="checkbox"/> Containers, Broken															
7. Do sample container labels match COC? (IDs, Dates, Times)	/			<input type="checkbox"/> Containers, Improper; Client Contacted; Proceed/Cancel															
				<input type="checkbox"/> COC & Samples Do Not Match															
				<input type="checkbox"/> COC Incorrect/Incomplete															
8. Were all of the samples listed on the COC received?	/			<input type="checkbox"/> COC Not Received															
				<input type="checkbox"/> Sample Received, Not on COC															
9. Is the date/time of sample collection noted?	/			<input type="checkbox"/> Sample on COC, Not Received															
				<input type="checkbox"/> COC; No Date/Time; Client Contacted															
10. Was the sampler identified on the COC?	/			<input type="checkbox"/> Sampler Not Listed on COC															
11. Is the client and project name/# identified?	/			<input type="checkbox"/> COC Incorrect/Incomplete															
12. Are tests/parameters listed for each sample?	/			<input type="checkbox"/> COC No tests on COC															
13. Is the matrix of the samples noted?	/			<input type="checkbox"/> COC Incorrect/Incomplete															
14. Was COC relinquished? (Signed/Dated/Timed)	/			<input type="checkbox"/> COC Incorrect/Incomplete															
15. Were samples received within holding time?	/			<input type="checkbox"/> Holding Time - Receipt															
16. Were samples received with correct chemical preservative (excluding Encore)?			/	<input type="checkbox"/> pH Adjusted, pH Included (See box 16A)															
				<input type="checkbox"/> Incorrect Preservative															
17. Were VOA samples received without headspace?			/	<input type="checkbox"/> Headspace (VOA only)															
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			/	<input type="checkbox"/> Residual Chlorine															
19. For 1613B water samples is pH<9?			/	<input type="checkbox"/> If no, notify lab to adjust															
20. For rad samples was sample activity info. Provided?			/	<input type="checkbox"/> Project missing info															
Project #: <u>SOB19193</u> PM Instructions: _____					<table border="1"> <thead> <tr> <th>Box 16A: pH Preservation</th> <th>Box 18A: Residual Chlorine</th> </tr> </thead> <tbody> <tr> <td>Preservative: _____</td> <td></td> </tr> <tr> <td>Lot Number: _____</td> <td></td> </tr> <tr> <td>Exp Date: _____</td> <td></td> </tr> <tr> <td>Analyst: _____</td> <td></td> </tr> <tr> <td>Date: _____</td> <td></td> </tr> <tr> <td>Time: _____</td> <td></td> </tr> </tbody> </table>	Box 16A: pH Preservation	Box 18A: Residual Chlorine	Preservative: _____		Lot Number: _____		Exp Date: _____		Analyst: _____		Date: _____		Time: _____	
Box 16A: pH Preservation	Box 18A: Residual Chlorine																		
Preservative: _____																			
Lot Number: _____																			
Exp Date: _____																			
Analyst: _____																			
Date: _____																			
Time: _____																			

Sample Receiving Associate: em Deenan Date: 3-18-24



### Eurofins Knoxville - Air Canister Initial Pressure Check

Gauge ID:          G5  
Date/Time: 3/17/24 1317

Analyst	Sample ID	Pressure @ Receipt (-in Hg or +psig)/initial pressurisation (if applicable)	Asset #	Cleaning Job	Cert Type	Size (L)	Comments
ACE	500-247665-a-1	-3.4	34000963	140-35021-a-6	B	1	
ACE	500-247665-a-2	-3.4	11778	140-34916-a-15	B	1	

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