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WATER
CONSTRUCTION
MANAGEMENT

17975 West Sarah Lane
Suite 100
Brookfield, WI 53045
T: 262.754.2560
F: 262.923.7758
www.gza.com

April 4, 2022

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

Re: Results of Resampling of Basement Indoor Air
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 2022. The air testing was 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). Note that Continental neither owned nor operated the dry cleaner that may be the source of these chemicals. Continental is conducting this testing at the request of the Wisconsin Department of Natural Resources (WDNR) as a former owner of the strip mall where the dry cleaner used to operate.

Pre-Sampling Basement Inspection

As we reported in our February 9, 2022 letter documenting the results of indoor air samples collected from your residence on January 5 and 6, 2022, tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) were reported for the basement air sample collected from your residence. TCE was reported at a concentration greater than the WDNR's TCE indoor air vapor action level (VAL), PCE was reported at a concentration less than the residential VAL, and the WDNR has not established a residential VAL for cis-1,2-DCE. Because TCE, PCE, and cis-1,2-DCE were not reported for the first or second floor samples and TCE and cis-1,2-DCE were not reported for the sub-slab samples collected from beneath the basement floor, we believed the chemicals were originating from a source other than the former Mr. Bob's One Hour Dry Cleaning.

GZA visited your residence at 1006 Lincoln Drive West on February 10, 2022, to look through chemicals stored in the basement. As explained during our visit, we did not find anything that we would suspect contained TCE. Nevertheless, we moved materials with volatile chemicals (primarily paints and stains) from the basement to your garage. We also verified that the basement floor drain trap was filled with water, thus eliminating the potential for a direct connection between the sanitary sewer and the basement through the floor drain. You stated that condensate from the furnace flows to the drain and keeps it full in the winter and condensate from a dehumidifier flows to the drain in the summer. Therefore, the floor drain would have been full of water during the sampling in January 2022.

Indoor Air Sampling and Analyses

GZA collected a basement indoor air sample and an outside air background sample over a 24-hour period from March 17 to 18, 2022. The indoor air and outdoor air background samples were collected in 6-liter evacuated SUMMA® vacuum canisters over a 24-hour sampling period.



The samples were submitted under chain-of-custody to Pace Analytical Services, LLC of Minneapolis, Minnesota for analysis. The indoor and background outdoor air samples were analyzed for PCE, the historical cleaning agent that may be associated with operations at the former Mr. Bob's One Hour Dry Cleaning, and related chemicals to which PCE degrades in the environment consisting of TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride (VC). The analyses were conducted in accordance with United States Environmental Protection Agency (USEPA) Method TO-15. The analytical report for the indoor and outdoor air samples is attached to this letter.

Indoor Air Sample Results

The indoor and outdoor background analytical results for the January and March samples are summarized on Table 1, and the sub-slab samples collected in January are summarized on Table 2. None of the five chemicals included for analysis were detected in the March 2022 basement air sample. One chemical, trans-1,2-DCE, was reported for the outside air sample. Trans-1,2-DCE was reported at 1.9 microgram per cubic meter ($\mu\text{g}/\text{m}^3$), less than 5% the WDNR's 42 $\mu\text{g}/\text{m}^3$ residential VAL.

The lack of TCE, PCE, and cis-1,2-DCE detections in the basement air sample for the March sampling round provides additional evidence that the chemicals detected in the basement air in January were not associated with the former Mr. Bob's One Hour Dry Cleaning operation.

Future Sampling

The WDNR is requesting two additional rounds of confirmation indoor air and sub-slab testing. Therefore, we will contact you in one to two months to schedule a follow-up sampling round.

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\
2022 04 04 FINAL 156364.01 1006 Lincoln Dr W McElroy Basement Resampling IAQ Results Letter.docx

Attachments: Tables 1 and 2
Laboratory Analytical Report

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



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

| Owner | Address - Sample Date | Residential Indoor Air Vapor Action Levels ^(3,4) ($\mu\text{g}/\text{m}^3$) | 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 | 1.9 | <0.26 | 1.9 | <u>2.3</u> | <0.13 |
| | 1006 Lincoln Drive West-1 st Floor | 1/5-6/2022 | <0.30 | <0.26 | <0.45 | <0.30 | <0.13 |
| | 1006 Lincoln Drive West-2 nd Floor | 1/5-6/2022 | <0.30 | 4.2 | <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-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 | 1.9 | <0.46 | <0.31 | <0.14 |

Notes:

1. Sub-slab vapor samples were collected by GZA GeoEnvironmental, Inc. from sub-slab vapor monitoring points for analysis by Pace Analytical of St. Paul, Minnesota for cis-1,2-dichloroethene, tetrachloroethene, trichloroethene and vinyl chloride in accordance with USEPA Method TO-15.
2. Results are provided in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).
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 Vapor Action levels (VALs) are underlined and in italics.
7. "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 ^(3,4) ($\mu\text{g}/\text{m}^3$) | 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 | 26.7 | <0.34 | <0.15 |
| | 1006 Lincoln Drive West-West-SS | 1/6/2022 | <0.33 | <0.29 | 13.3 | <0.34 | <0.15 |

Notes:

1. Sub-slab vapor samples were collected by GZA GeoEnvironmental, Inc. from sub-slab vapor monitoring points for analysis by Eurofins of Folsom, California 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 ($\mu\text{g}/\text{m}^3$).
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.

March 28, 2022

Bernard Fenelon
GZA GeoEnvironmental
20900 Swenson Drive
Suite 150
Waukesha, WI 53186

RE: Project: 20.0156364.01 Continental-West
Pace Project No.: 10601405

Dear Bernard Fenelon:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Matt Ray
matt.ray@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064

Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|--------------------------------|--------|----------------|----------------|
| 10601405001 | 1006 Lincoln Dr. W. Basement I | Air | 03/18/22 14:05 | 03/21/22 10:37 |
| 10601405002 | 1006 Lincoln Dr. W. Background | Air | 03/18/22 14:08 | 03/21/22 10:37 |

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SAMPLE ANALYTE COUNT

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|--------------------------------|--------|----------|-------------------|------------|
| 10601405001 | 1006 Lincoln Dr. W. Basement I | TO-15 | DR1 | 5 | PASI-M |
| 10601405002 | 1006 Lincoln Dr. W. Background | TO-15 | DR1 | 5 | PASI-M |

PASI-M = Pace Analytical Services - Minneapolis

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SUMMARY OF DETECTION

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|---------------------------------------|--------|-------|--------------|----------------|------------|
| 10601405002 | 1006 Lincoln Dr. W. Background | | | | | |
| TO-15 | trans-1,2-Dichloroethene | 1.9 | ug/m3 | 1.3 | 03/25/22 18:07 | |

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

Method: TO-15

Description: TO15 MSV AIR

Client: GZA GeoEnvironmental

Date: March 28, 2022

General Information:

2 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

Sample: 1006 Lincoln Dr. W. Basement I **Lab ID: 10601405001** Collected: 03/18/22 14:05 Received: 03/21/22 10:37 Matrix: Air

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|---------|--|------|------|------|----------|----------------|----------|------|
| TO15 MSV AIR | | Analytical Method: TO-15 Pace Analytical Services - Minneapolis | | | | | | | |
| cis-1,2-Dichloroethene | ND | ug/m3 | 1.3 | 0.32 | 1.64 | | 03/25/22 17:05 | 156-59-2 | |
| trans-1,2-Dichloroethene | ND | ug/m3 | 1.3 | 0.28 | 1.64 | | 03/25/22 17:05 | 156-60-5 | |
| Tetrachloroethene | ND | ug/m3 | 1.1 | 0.48 | 1.64 | | 03/25/22 17:05 | 127-18-4 | |
| Trichloroethene | ND | ug/m3 | 0.90 | 0.32 | 1.64 | | 03/25/22 17:05 | 79-01-6 | |
| Vinyl chloride | ND | ug/m3 | 0.43 | 0.14 | 1.64 | | 03/25/22 17:05 | 75-01-4 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

Sample: 1006 Lincoln Dr. W. Background **Lab ID: 10601405002** Collected: 03/18/22 14:08 Received: 03/21/22 10:37 Matrix: Air

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------|------------|--|------|------|------|----------|----------------|----------|------|
| TO15 MSV AIR | | Analytical Method: TO-15 Pace Analytical Services - Minneapolis | | | | | | | |
| cis-1,2-Dichloroethene | ND | ug/m3 | 1.3 | 0.31 | 1.58 | | 03/25/22 18:07 | 156-59-2 | |
| trans-1,2-Dichloroethene | 1.9 | ug/m3 | 1.3 | 0.27 | 1.58 | | 03/25/22 18:07 | 156-60-5 | |
| Tetrachloroethene | ND | ug/m3 | 1.1 | 0.46 | 1.58 | | 03/25/22 18:07 | 127-18-4 | |
| Trichloroethene | ND | ug/m3 | 0.86 | 0.31 | 1.58 | | 03/25/22 18:07 | 79-01-6 | |
| Vinyl chloride | ND | ug/m3 | 0.41 | 0.14 | 1.58 | | 03/25/22 18:07 | 75-01-4 | |

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QUALITY CONTROL DATA

Project: 20.0156364.01 Continental-West
Pace Project No.: 10601405

| | |
|------------------------|--|
| QC Batch: 805661 | Analysis Method: TO-15 |
| QC Batch Method: TO-15 | Analysis Description: TO15 MSV AIR Low Level |
| | Laboratory: Pace Analytical Services - Minneapolis |

Associated Lab Samples: 10601405001, 10601405002

METHOD BLANK: 4276489 Matrix: Air

Associated Lab Samples: 10601405001, 10601405002

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| cis-1,2-Dichloroethene | ug/m3 | ND | 0.81 | 03/25/22 11:11 | |
| Tetrachloroethene | ug/m3 | ND | 0.69 | 03/25/22 11:11 | |
| trans-1,2-Dichloroethene | ug/m3 | ND | 0.81 | 03/25/22 11:11 | |
| Trichloroethene | ug/m3 | ND | 0.55 | 03/25/22 11:11 | |
| Vinyl chloride | ug/m3 | ND | 0.26 | 03/25/22 11:11 | |

LABORATORY CONTROL SAMPLE: 4276490

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| cis-1,2-Dichloroethene | ug/m3 | 43.4 | 46.4 | 107 | 70-136 | |
| Tetrachloroethene | ug/m3 | 73.4 | 63.2 | 86 | 70-134 | |
| trans-1,2-Dichloroethene | ug/m3 | 43.6 | 36.9 | 85 | 70-134 | |
| Trichloroethene | ug/m3 | 58.4 | 55.7 | 95 | 70-134 | |
| Vinyl chloride | ug/m3 | 28 | 21.7 | 77 | 70-132 | |

SAMPLE DUPLICATE: 4277908

| Parameter | Units | 10601405001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|--------------------------|-------|--------------------|------------|-----|---------|------------|
| cis-1,2-Dichloroethene | ug/m3 | ND | ND | | 25 | |
| Tetrachloroethene | ug/m3 | ND | ND | | 25 | |
| trans-1,2-Dichloroethene | ug/m3 | ND | ND | | 25 | |
| Trichloroethene | ug/m3 | ND | ND | | 25 | |
| Vinyl chloride | ug/m3 | ND | ND | | 25 | |

SAMPLE DUPLICATE: 4277909

| Parameter | Units | 10601405002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|--------------------------|-------|--------------------|------------|-----|---------|------------|
| cis-1,2-Dichloroethene | ug/m3 | ND | ND | | 25 | |
| Tetrachloroethene | ug/m3 | ND | ND | | 25 | |
| trans-1,2-Dichloroethene | ug/m3 | 1.9 | 1.2J | | 25 | |
| Trichloroethene | ug/m3 | ND | ND | | 25 | |
| Vinyl chloride | ug/m3 | ND | ND | | 25 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 20.0156364.01 Continental-West

Pace Project No.: 10601405

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0156364.01 Continental-West
Pace Project No.: 10601405

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|--------------------------------|-----------------|----------|-------------------|------------------|
| 10601405001 | 1006 Lincoln Dr. W. Basement I | TO-15 | 805661 | | |
| 10601405002 | 1006 Lincoln Dr. W. Background | TO-15 | 805661 | | |

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

52280

Page: 1 of 1

| | | | |
|---|--|--|---|
| Section A Required Client Information: Company: <u>GZA GeoEnvironmental Inc.</u> Address: <u>17975 W. Sarah Ln Ste.100</u> <u>Brookfield, WI 53045</u> Email To: <u>bernard.fenebor@gza.com</u> Phone: <u>262.691-2662</u> Fax: Requested Due Date/TAT: <u>Normal</u> | Section B Required Project Information: Report To: <u>GZA</u> Copy To: Purchase Order No.: Project Name: <u>Compendium - West Bend</u> Project Number: <u>20.0156364.01</u> | Section C Invoice Information: Attention: <u>GZA</u> Company Name: Address: Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #: <u>39827</u> | Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other Location of Sampling by State: <u>WI</u> Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____ Report Level: II. _____ III. _____ IV. _____ Other _____ |
|---|--|--|---|

| ITEM # | 'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE | Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10 | MEDIA CODE | PID Reading (Client only) | COLLECTED | | | | Canister Pressure (Initial Field - in Hg) | Canister Pressure (Final Field - in Hg) | Summa Can Number | Flow Control Number | Method: PM10 3c - Fixed Gas (%) TO-3 BTEX TO-3M (Methane) TO-14 TO-15 Full List VOCs TO-15 Short List BTEX TO-15 Short List Chlorinated | Pace Lab ID |
|--------|--|---|------------|---------------------------|-----------------|------|----------------------|------|--|--|------------------------|---------------------------|---|-------------|
| | | | | | COMPOSITE START | | COMPOSITE - END/GRAB | | | | | | | |
| | | | | | DATE | TIME | DATE | TIME | | | | | | |
| 1 | 1006 Lincoln Dr. W. Basement IA | | 6LC | | 3/17/22 | 1624 | 3/18/22 | 1405 | -30 | -5 | 0842 | 0272 | X | 001 |
| 2 | 1006 Lincoln Dr. W. Background IA | | 6LC | | 3/17/22 | 1628 | 3/18/22 | 1408 | -29 | -6 | 2044 | 1351 | | 002 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |

WO#: 10601405

Comments :
 Please Analyze!
 PCE; TCE; VC;
 Cis and Trans -1,2 DCE

| RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS | | | |
|-------------------------------|---------|------|--|---------|-------|-------------------|-----------------|-----------------------|----------------|
| <u>Chris [Signature]</u> | 3/18/22 | 1600 | Per Fed Ex <u>Maat [Signature]</u> / Pace | 3/21/22 | 10:57 | Temp in °C | Received on Ice | Custody Sealed Cooler | Samples Intact |
| | | | | | | | Y/N | Y/N | Y/N |
| | | | | | | | Y/N | Y/N | Y/N |
| | | | | | | | Y/N | Y/N | Y/N |

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER:
 SIGNATURE of SAMPLER: _____ DATE Signed (MM / DD / YY)

ORIGINAL



AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

52280

Page: 1 of 1

| | | | |
|--|---|--|--|
| Section A Required Client Information: | Section B Required Project Information: | Section C Invoice Information: | Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other |
| Company: <u>GZA GeoEnvironmental Inc.</u> | Report To: <u>GZA</u> | Attention: <u>GZA</u> | Location of Sampling by State: <u>WI</u> |
| Address: <u>17975 W. Sarah Ln Ste.100 Brookfield, WI 53045</u> | Copy To: | Company Name: | |
| Email To: <u>bernard.fenelex@gza.com</u> | Purchase Order No.: | Pace Quote Reference: | Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____ |
| Phone: <u>262.691-2662</u> Fax: | Project Name: <u>Component 1 - West Bend</u> | Pace Project Manager/Sales Rep.: | Report Level: II. ___ III. ___ IV. ___ Other ___ |
| Requested Due Date/TAT: <u>Normal</u> | Project Number: <u>20.0156364.01</u> | Pace Profile #: <u>39827</u> | |

| ITEM # | 'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE | Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10 | MEDIA CODE | PID Reading (Client only) | COLLECTED | | | | Canister Pressure (Initial Field - in Hg) | Canister Pressure (Final Field - in Hg) | Summa Can Number | Flow Control Number | Method: PM10 3c - Fixed Gas (%) TO-3 BTEX TO-3M (Methane) TO-14 TO-15 Full List VOCs TO-15 Short List BTEX TO-15 Short List Chlorinated | Pace Lab ID |
|--------|---|---|------------|---------------------------|-----------------|------|----------------------|------|--|--|------------------------|---------------------------|---|-------------|
| | | | | | COMPOSITE START | | COMPOSITE - END/GRAB | | | | | | | |
| | | | | | DATE | TIME | DATE | TIME | | | | | | |
| 1 | 1006 Lincoln Dr. W. Basement IA | | 6LC | | 3/17/22 | 1624 | 3/18/22 | 1405 | -30 | -5 | 0842 | 0272 | X | 001 |
| 2 | 1006 Lincoln Dr. W. Background IA | | 6LC | | 3/17/22 | 1628 | 3/18/22 | 1408 | -29 | -6 | 2044 | 1351 | | 002 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
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| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |

WO#: 10601405

 10601405

Comments :
 Please Analyze!
 PCE; TCE; VC;
 Cis and Trans -1,2 DCE

| RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS | | | |
|-------------------------------|---------|------|--|---------|-------|-------------------|-----------------|-----------------------|----------------|
| <u>Chris [Signature]</u> | 3/18/22 | 1600 | Per Fed Ex <u>Maat [Signature] / Pace</u> | 3/21/22 | 10:57 | Temp in °C | Received on Ice | Custody Sealed Cooler | Samples Intact |
| | | | | | | Y/N | Y/N | Y/N | Y/N |
| | | | | | | Y/N | Y/N | Y/N | Y/N |
| | | | | | | Y/N | Y/N | Y/N | Y/N |

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER:
 SIGNATURE of SAMPLER: _____ DATE Signed (MM / DD / YY)

ORIGINAL



Document Name:
Sample Condition Upon Receipt (SCUR) - Air
 Document No.:
ENV-FRM-MIN4-0113 Rev.01

Document Revised: 13Oct2021
 Page 1 of 1
 Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: **GZA**

Project #: **WO# : 10601405**
 PM: MR2 Due Date: 03/28/22
 CLIENT: GZA GEOENV

Courier: FedEx UPS USPS Client
 Pace SpeeDee Commercial
 Tracking Number: **975384495509** See Exception
 Custody Seal on Cooler/Box Present? Yes No
 Seals Intact? Yes No
 Packing Material: Bubble Wrap Bubble Bags Foam
 None Tin Can Other:

Date & Initials of Person Examining Contents: **3/21/22 MT**

Comments:

| | | | | |
|---|---|--|------------------------------|--|
| Chain of Custody Present? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 1. |
| Chain of Custody Filled Out? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 2. |
| Chain of Custody Relinquished? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 3. |
| Sampler Name and/or Signature on COC? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A | 4. |
| Samples Arrived within Hold Time? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 5. |
| Short Hold Time Analysis (<72 hr)? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | | 6. |
| Rush Turn Around Time Requested? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | | 7. |
| Sufficient Volume? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 8. |
| Correct Containers Used? (Tedlar bags not acceptable container for TO-15 or APH) | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 9. |
| -Pace Containers Used? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | |
| Containers Intact? (visual inspection/no leaks when pressurized) | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 10. |
| Media: <u>Air Can</u> Airbag | | | | 11. Individually Certified Cans? Y <u>N</u> (list which samples) |
| Is sufficient information available to reconcile samples to the COC? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 12. |
| Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!) | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | 13. |

Gauge #: 10AIR26 10AIR34 10AIR35 10AIR17 10AIR47 10AIR48

| Canisters | | | | | Canisters | | | | |
|---------------|--------|-----------------|------------------|----------------|---------------|--------|-----------------|------------------|----------------|
| Sample Number | Can ID | Flow Controller | Initial Pressure | Final Pressure | Sample Number | Can ID | Flow Controller | Initial Pressure | Final Pressure |
| Basement | 842 | 272 | -5.5 | +5 | | | | | |
| Background | 2044 | 1351 | -4.5 | +5 | | | | | |
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CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No
 Person Contacted: _____ Date/Time: _____
 Comments/Resolution: _____

Project Manager Review: Matt Ray Date: 03/23/22

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).