KSingh | Engineers Scientists Consultants

April 5, 2024

Ms. Jennifer Meyer
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1027 West St. Paul Ave.
Milwaukee, WI 53233

Project # 40441B

Subject: **Second Round of Commissioning for Community Within the Corridor - East Block**
2748 N. 32nd Street, Milwaukee, WI 53208
BRRTS #02-41-263675, FID #241025400

Dear Ms. Meyer:

On behalf of the Community Within the Corridor (CWC) Limited Partnership, K. Singh & Associates, Inc. (KSingh) is pleased to submit the results of the second round of commissioning of the Vapor Mitigation System (VMS) for the CWC - East Block project. Commissioning was performed in accordance with the Commissioning Plan that was submitted to the Wisconsin Department of Natural Resources (WDNR) on November 28, 2023, with additional information on December 18, 2023, all of which was approved by WDNR on January 5, 2024. A peer review of this submittal was provided by Robert S. Fedorchak, PE, with Patriot Engineering and Environmental, Inc., an NRPP-Certified Radon Mitigation Specialist. A technical assistance fee of $700 is submitted to review this report.

Project Background

CWC has redeveloped the property into a mix of 197 units of affordable rental housing, commercial spaces, community facilities and other amenities. The subject property (BRRTS #02-41-263675) is owned by CWC Limited Partnership and located at 2748 N. 32nd Street, City of Milwaukee, Milwaukee County, Wisconsin. The parcel totals approximately 4.16 acres and is zoned as IM – Industrial Mixed (1 and 2). The subject property is covered by one- to three-story buildings. Historically, the East Block of the facility served various industrial purposes for over 100 years (since 1906).

First Round of Commissioning

Commissioning was performed in accordance with the Commissioning Plan that was submitted to the WDNR on December 28, 2022, updated on February 8, 2023, and then approved on February 21, 2023. A detailed report with results from the first round of commissioning was submitted to WDNR on March 23, 2023. In summary:

- A total of eighty-one (81) passive sampler kits were deployed in the East Block facility for a period of one week, from February 28, 2023 through March 1, 2023.
- Passive sampling across the building's three floors detected Trichloroethylene (TCE) in nineteen (19) samples in exceedance of the Residential Indoor Air Vapor Action Level (VAL) of 2.1 µg/m^3. The maximum concentration of TCE detected in indoor air was 400 µg/m^3 in Building 1B-W.
- Forty-three (43) suction point locations of the sub-slab depressurization system were measured from March 7, 2023 through March 14, 2023.
- The greatest vacuum measurements were observed in Buildings 3A and 1B-SE, while the lowest were observed in the southern wall of Building 2A, the eastern wall of Building 1B-NE, the southwestern wall of Building 1B-NW, the northern wall of Building 1B-W, and Building 1B-SW.
- The locations of the lowest vacuum readings align with the locations of the highest TCE concentrations measured during passive indoor air sampling.

Summary of Remedial Actions Taken

Results from the first round of commissioning prompted WDNR to issue an Emergency Order on March 31, 2023, calling for evacuation of all tenants at CWC-East Block. Per this Emergency Order, since April 2023, KSingh has conducted discrete and continuous air sampling using a portable Gas Chromatograph (GC) to identify how TCE was entering the building and submitted daily and weekly activity reports with test results to WDNR. In summary:

- On April 19, 2023, KSingh submitted an Emergency Corrective Action Plan (ECAP) to WDNR, to which WDNR provided feedback and guidance on May 8, 2023.
- Per WDNR's feedback and guidance, CWC immediately implemented corrective actions outlined in the ECAP, including modifying the VMS so that it would function as required under WDNR publication RR-800: to achieve indoor air concentrations of TCE less than 2.1 $\mu g/m^3$ and sub-slab depressurization readings of at least –0.004 inches of water.
- By mid-July 2023, indoor air TCE concentrations throughout the entire building decreased to safe levels, except in the Northern Mechanical Room where safe levels were achieved later.
- By Fall 2023, the required vacuum was achieved throughout the building, except in the Northern Mechanical Room.
- From November 2023–January 2024, remedial excavation and disposal of over 400 tons of soil from the hotspot areas of Building 1B-W eliminated about 96 lbs. of TCE. The details of soil remediation will be included in a forthcoming Construction Documentation Report.

Between April 2023 and March 2024, the VMS has been upgraded, and extensive discrete GC sampling and vacuum measurements have been conducted. These data have been reported to WDNR in daily/weekly reports, which indicate that by Fall 2023 the VMS was functioning as designed. Over 100,000 data points were collected, analyzed, and shared with WDNR during this time period. Meeting the performance requirements of the VMS has required significant resources that have led to restoration of the indoor air quality at CWC East Block

Second Round of Commissioning

The second round of commissioning involved the following:

1. Building Preparation & Screening Activities, including:
    a. application of a vapor barrier and sealing of columns, performed by Titan Building Company, Inc. (see Attachment A for photographic documentation of this work)
    b. sealing of saw cuts, cracks, joints, and utility penetrations throughout construction
    c. GC testing of indoor air TCE concentrations throughout the building on a daily to weekly basis, from April 2023 through March 2024
    d. sealing of first-floor unit columns during the last week of February 2024
    e. sealing the building for at least 24 hours prior to air testing
2. Vacuum Measurements at fifty-five (55) Sub-slab Vapor Pin (SVP) Locations
3. Indoor Air Sampling, using a Portable GC, of 130 locations under documented "normal occupancy conditions" including:
    a. running elevators
    b. turning on kitchen and/or bathroom exhaust and ventilation fans in select rooms
    c. running of sinks in select rooms
    d. running of dryers in laundry rooms
4. Deployment of seventy (70) Passive Samplers
5. Continuous Monitoring of Unit 1045 and Unit 1050 for one week
6. Documentation of Blower Exhaust, Speed, and Anemometer Readings

Sub-Slab Depressurization System Vacuum Measurements

The sub-slab depressurization system installed for Buildings 1, 2, and 3 was tested on March 11, 2024. The outdoor air temperature was about 63 degrees-F while readings were performed. A digital manometer was utilized to take measurements of vacuum below the slab after the previously installed vapor points passed a water dam test. Fifty-five (55) SVP probes were measured to get an accurate model of sub-slab depressurization from each suction point. The sub-slab depressurization system locations and March 2024 measurements are depicted in Figure 1, and the weather conditions during which measurements took place are summarized in Table 1. Weather condition data documents that commissioning was performed in heating season conditions, and the precipitation and spring melt indicate high groundwater levels were present.

In accordance with the approved Commissioning Plan, a vacuum of –0.004 inches of water was utilized to determine whether the system was operating adequately. The results from March 2024 sub-slab depressurization measurements are summarized in Figure 2 and documented in Table 2. Recorded measurements range from –0.007 to –3.880 inches of water, all of which are greater than the required vacuum. The greatest vacuum measurement was observed in the Lounge of Building 1D (SVP-46). The vapor pins in the Northwest Garage-W, Unit 1039, and outside Unit 1035 (SVP-4, SVP-34, and SVP-37A, respectively) demonstrated the lowest vacuum readings. All readings were significantly higher than those from the first round of commissioning. Based on the East Block's extents and the measured vacuum readings, the sub-slab depressurization system has met or exceeded its performance requirements to date.

Indoor Air Gas Chromatograph Sampling

During March 11–15, 2024, indoor air samples from 130 locations were collected utilizing glass syringes and analyzed using the portable GC. The detected TCE concentrations were then compared to its VAL of 2.1 µg/m^3. The results from this sampling are summarized in Figures 3 through 21 (blue circles, sample IDs starting with "IA-") and documented in Table 3. No samples exceeded the VAL for TCE. The maximum detected TCE concentration across all three floors was 1.1 µg/m^3—in the North Mechanical Room, Mechanical Room 1056, and Storage Room 1049 (IA-NMR, IA-1056, and IA-1049, respectively). Nearly all samples had detected TCE concentrations below the reporting limit of 0.6 µg/m^3.

Passive Indoor Air Sampling

Following documentation of adequate sub-slab depressurization, passive indoor air sampling was performed in accordance with the approved Commissioning Plan. A total of seventy (70) passive air samplers were set up and sampled over a one-week period from March 14–21, 2024. Out of the seventy passive air samplers that were installed, one was placed outside to represent background outdoor TCE concentration, which was measured to be < 0.14 µg/m^3. A passive air sampler was placed at breathing zones by suspending them using string to keep at least six inches away from walls, per WDNR comments. See Attachment B for the deployment and retrieval log of passive samplers and Attachment C for photographic documentation of passive air sampler placement.

On March 21, 2024, the passive air samplers were sent to Eurofins Air Toxics, LLC in Folsom, CA for analysis of chlorinated solvents including TCE, Tetrachloroethylene (PCE), cis-1,2-Dichloroethylene (cis-DCE), and trans-1,2-Dichloroethylene (trans-DCE). The analytical laboratory report is included in Attachment D, and these results are summarized in Figures 3 through 21 (red circles, sample IDs starting with "EB-") and documented in Table 4. No samples reported any exceedances of chlorinated solvents based on the most recent guidelines published by WDNR in August 2023.

Continuous Monitoring of Units 1045 and 1050

From March 14–21, 2024, the indoor air concentration of TCE in CWC-East Block Units 1045 and 1050 were monitored continuously using the portable GC. The results from this sampling are shown in Figure 22 and summarized in Attachment E. At no point during the weeklong sampling period did the detected indoor air

concentration of TCE for either unit exceed the VAL of 2.1 µg/m^3. The average and maximum detected TCE concentrations in Unit 1045 were both < 0.6 µg/m^3, and Unit 1050 had an average detected TCE concentration of < 0.6 µg/m^3 with a maximum of 0.93 µg/m^3. These results demonstrate that the VMS is operating as intended, and that the indoor air quality concerns from the first round of commissioning have been addressed.

Exhaust Sampling

Twelve (12) blowers were installed on the roofs of Buildings 1, 2, and 3 as part of the vapor mitigation system. On March 11, 2024, air quality samples from blowers' exhaust were gathered in a manner similar to indoor air samples, and then analyzed using the portable GC. The locations of sampled blowers are shown in Figure 1, and the results from the March 2024 blower exhaust quality sampling are summarized in Table 5. Based on the concentrations of TCE detected in the exhaust during this round of commissioning, the VMS is removing 0.27 lbs./week of TCE. Therefore, mass reduction of TCE from the sub-slab soil is occurring at a reasonable rate.

Personnel Qualifications

The second round of commissioning was completed by the following qualified personnel:

Mr. Robert Reineke, PE, K. Singh & Associates, Inc.

Mr. Reineke is a Professional Engineer with over 30 years of environmental engineering experience. He has extensive experience in sub-slab vapor investigation, design and operation of soil vapor extraction and vapor mitigation systems, environmental remedial construction, and environmental sampling of soil, groundwater, and air. Mr. Reineke has provided significant engineering oversight on the project. In addition, he is 40-hour Hazardous Waste Operator-trained and has been trained in operating analytical instruments. Mr. Reineke has worked on numerous projects of significant size and complexity.

Mr. Samuel Ramirez, K. Singh & Associates, Inc.

Mr. Ramirez is a Geologist with two years of experience in conducting sub-slab vapor investigation, installing vapor pins, sub-slab vacuum measurements, and installing vapor mitigation systems. He is also experienced in air quality monitoring for PCB remediation and has significant experience in environmental sampling. Further, Mr. Ramirez is involved in early action remediation activities where he has been documenting remedial action and taking confirmatory samples to document residual contamination. He is trained in operating analytical instruments and VOC sampling. In addition to this work, he has experience in groundwater sampling, geotechnical investigations, and remediation of large-scale environmental projects.

Mr. Nicholas Bach, K. Singh & Associates, Inc.

Mr. Bach is an Environmental Scientist with over ten years of experience in environmental sampling and consulting. He has worked on numerous environmental projects in the State of Wisconsin. Mr. Bach specializes in data management, environmental sampling and monitoring, and fieldwork with specialized expertise in air sampling and sampling for soil and sediment. He has also been responsible for data management and QA/QC of large environmental datasets and has been trained in the operation of analytical equipment and instruments.

KSingh was supported by the following specialists throughout the commissioning process:

Dr. Blayne Hartman and Mr. Clint Hartman, Hartman Environmental Geoscience

Hartman Environmental Geoscience (HEG) specializes in vapor intrusion support services and provided technical support by furnishing the Portable GC as well as the training required to operate the instrument. Dr. Blayne Hartman, Principal of HEG, has been performing vapor intrusion assessments since the mid-1990s and has performed soil gas sampling, soil gas analysis, and onsite laboratory services since the mid-1980s. Dr. Hartman and Mr. Clint Hartman assisted in setting up the instrument and conducted its initial calibration. Mr. Clint Hartman provided training as needed in sample collection, instrument operation, and use of analytical software, as well as

a refresher prior to the second round of commissioning. Dr. Hartman has provided remote support throughout the project in the form of data analysis and troubleshooting as needed.

Conclusions
The following conclusions were reached based on this round of commissioning:

- Based on the results of sub-slab vacuum measurements, the VMS installed on the subject site adequately creates vacuum beneath the building slab for all of Buildings 1, 2, and 3A.
- All results from discrete sampling for TCE, using the portable GC, are less than 1.1 µg/m^3 and in compliance with the TCE VAL of 2.1 µg/m^3, showing significant improvement from the first round of commissioning.
- All results from passive samplers for TCE, deployed for a duration of one-week, are less than 1.2 µg/m^3 and in compliance with the TCE VAL of 2.1 µg/m^3, showing significant improvement from the first round of commissioning.
- Results from continuous monitoring of Units 1045 and 1050 showed no exceedances in the VAL for TCE, which demonstrates that the VMS is operating as designed.
- Blower exhaust sampling indicates that TCE is being removed at a rate of ~1 lb. per month.

Based on the significant amount of data gathered between 2023–2024 and the results from the second round of commissioning, the indoor air quality at CWC East Block has been restored. Furthermore, results from the second round of commissioning demonstrate that the system is operating as intended, meeting performance standards, and in compliance with all WDNR guidelines. Based on these results, we propose the following schedule:

- Submit 3rd Round of Commissioning Plan to WDNR — April 2024
- Conduct 3rd Round of Commissioning — May - June 2024
- Submit 3rd Commissioning Report to WDNR — June 2024

Closure
KSingh requests an expedited review of this report. Please note that the proposed schedule for the third round of commissioning assumes an expedited review of this submittal. We appreciate your continued support in moving this project forward. Should you need any additional information, please contact us.

Sincerely,

K. SINGH & ASSOCIATES, INC.

K. M. Balachandran
Kathryn Balachandran, Ph.D.
Project Engineer

Robert T. Reineke
Robert T. Reineke, P.E
Senior Engineer

Pratap N. Singh, Ph.D., P.E.
Principal Engineer

cc: Shane LaFave / Roers Companies
Que El-Amin / Scott Crawford, Inc.

KSingh | Engineers Scientists Consultants

Figures and Tables:

Attachments:

FIGURES

East Building Level 1

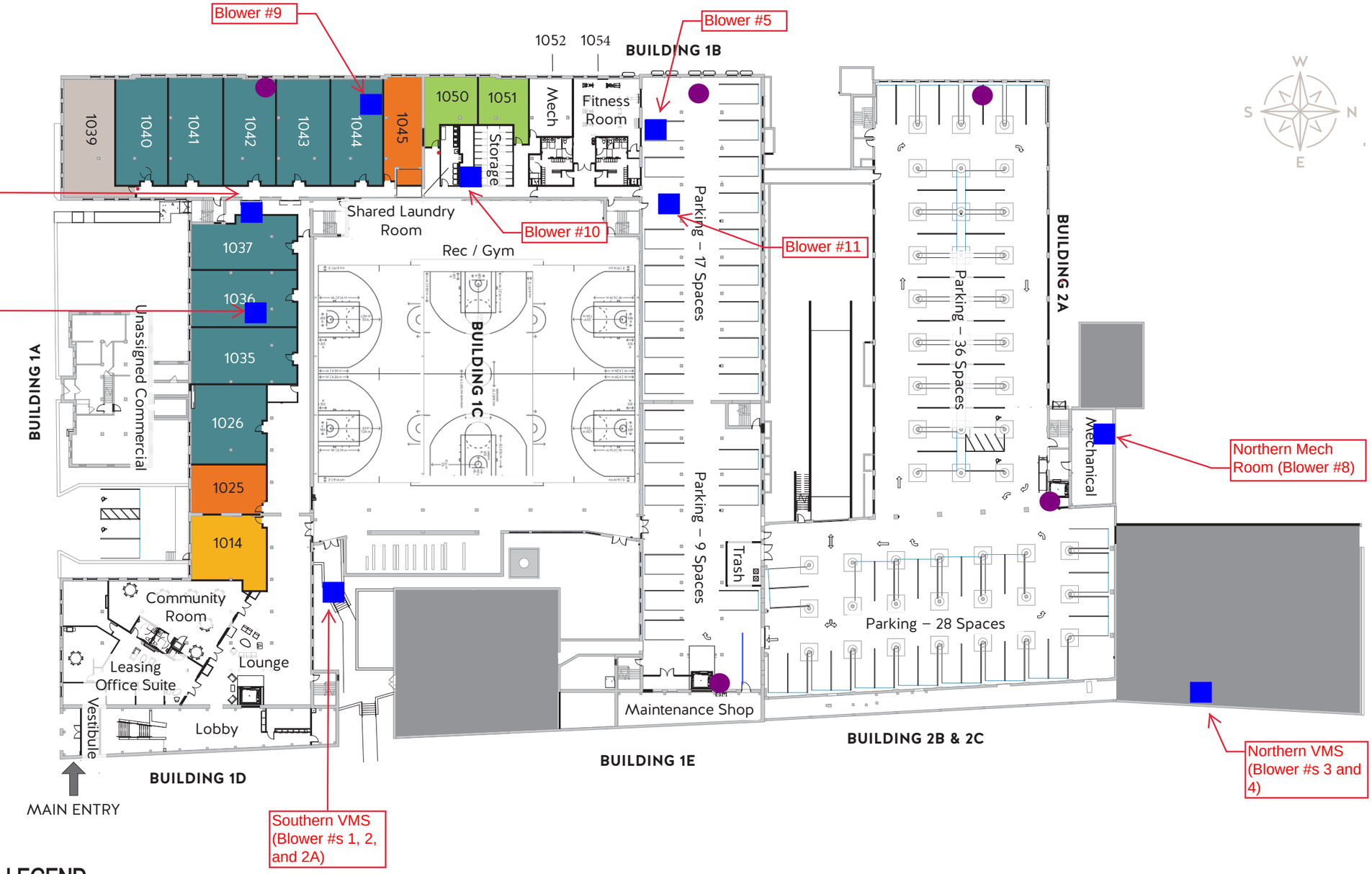
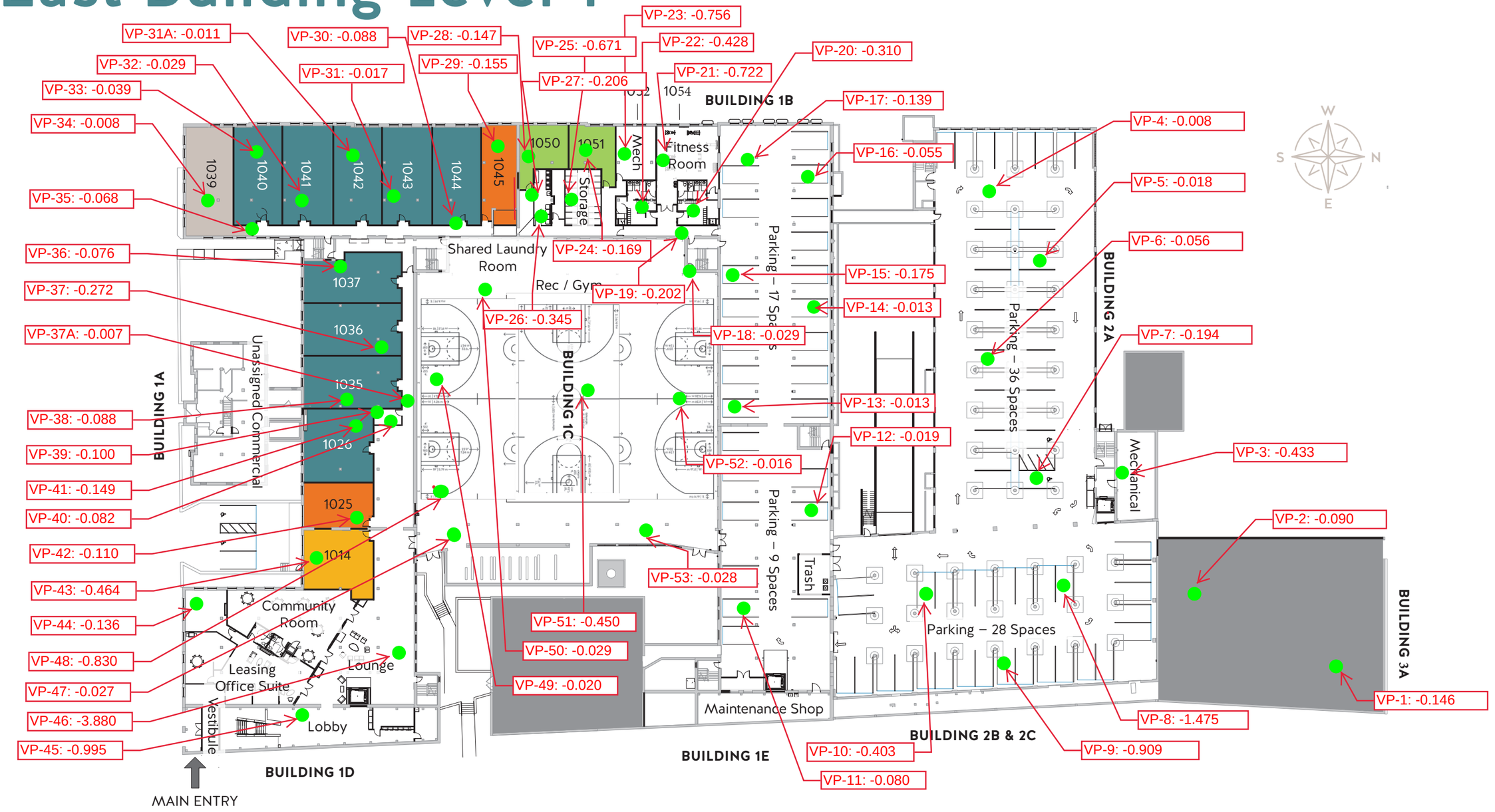


Figure 1. Blower and Sump Locations

East Building Level 1



LEGEND

Vapor Pin

VP-45: -0.995 inches of water (typical)

Figure 2. Sub-Slab Depressurization System Vacuum Measurements

Figure 3
GC and Passive Air Sampling Results
Basement - Building 1A, Level 1 - Building
1B-S and 1B-SW

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	EB-01-AS
Date	3/21/2024
TCE	0.49
PCE	< 0.17

Sample ID	EB-01-Y
Date	3/21/2024
TCE	0.43
PCE	< 0.17

Sample ID	EB-01-N
Date	3/21/2024
TCE	0.45
PCE	< 0.17

Sample ID	EB-01-V
Date	3/21/2024
TCE	0.44
PCE	< 0.17

Sample ID	EB-01-AD
Date	3/21/2024
TCE	0.50
PCE	< 0.17

Sample ID	EB-01-Q
Date	3/21/2024
TCE	0.52
PCE	0.33

Sample ID	IA-1045
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-Z
Date	3/21/2024
TCE	0.60
PCE	< 0.17

Sample ID	IA-1044
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AA
Date	3/21/2024
TCE	0.48
PCE	< 0.17

Sample ID	EB-01-AT
Date	3/21/2024
TCE	0.52
PCE	< 0.17

Sample ID	IA-1027B
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1036
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1058
Date	3/11/2024
TCE	0.70

Sample ID	IA-1027A
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1043
Date	3/11/2024
TCE	0.80

Sample ID	EB-01-M
Date	3/21/2024
TCE	0.19
PCE	< 0.17

Sample ID	IA-1042
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AB
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-1041
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AC
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-1040
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-O
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-1039
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AE
Date	3/21/2024
TCE	0.24
PCE	<0.17

Sample ID	EB-01-T
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-ST2
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1037
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-P
Date	3/21/2024
TCE	0.32
PCE	0.20

Sample ID	IA-1035
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1026
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1025
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AF
Date	3/21/2024
TCE	0.23
PCE	0.24

PROVIDE FOUR SIDED COLUMN PADDING WITH 2" THICK FOAM WITH VELCRO ATTACHMENT. COLOR TO BE SELECTED BY ARCHITECT. PROVIDE PADDING TO HEIGHT OF 8'-0" ABOVE FINISHED FLOOR.

PROVIDE DESIGN BUILD FOR SURFACE MOUNTED TWO PLAYGROUND STRUCTURES IN THIS AREA. ONE FOR 2 TO 5 YEAR OLD AND ONE FOR 5 TO 12 YEAR OLDS. DESIGN TO INCLUDE PLAYGROUND SURFACE OF POURED IN PLACE BLACK RUBBER FLOOR. TO APPROPRIATE THICKNESS FOR FALL HEIGHT OF STRUCTURE.
(Budget is not to exceed 35k)

CLEANING ON THE NORTH WALLS OF THE UNDERSIDE OF ROOF STRUCTURE TO THE FLOOR SLAB.

PROVIDE MASONRY CLEANING ON THE SOUTH, WEST, AND NORTH WALLS OF BUILDING 1C, FROM THE UNDERSIDE OF ROOF STRUCTURE TO THE FLOOR SLAB.

BLDG. 1A

NO INTERIOR WORK FOR BUILDNG 1A. HISTORICAL EXTERIOR WALL, WINDOWS, AND ROOF TO RECIEVE WORK.

1 NEW WORK PLAN - BASEMENT, BLDG 1A & LEVEL 01 BLDG 1B (SW & S)
Scale: 1/8" = 1'-0"

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - BASEMENT, BLDG 1A & LEVEL 01, BLDG 1B (SW & S)

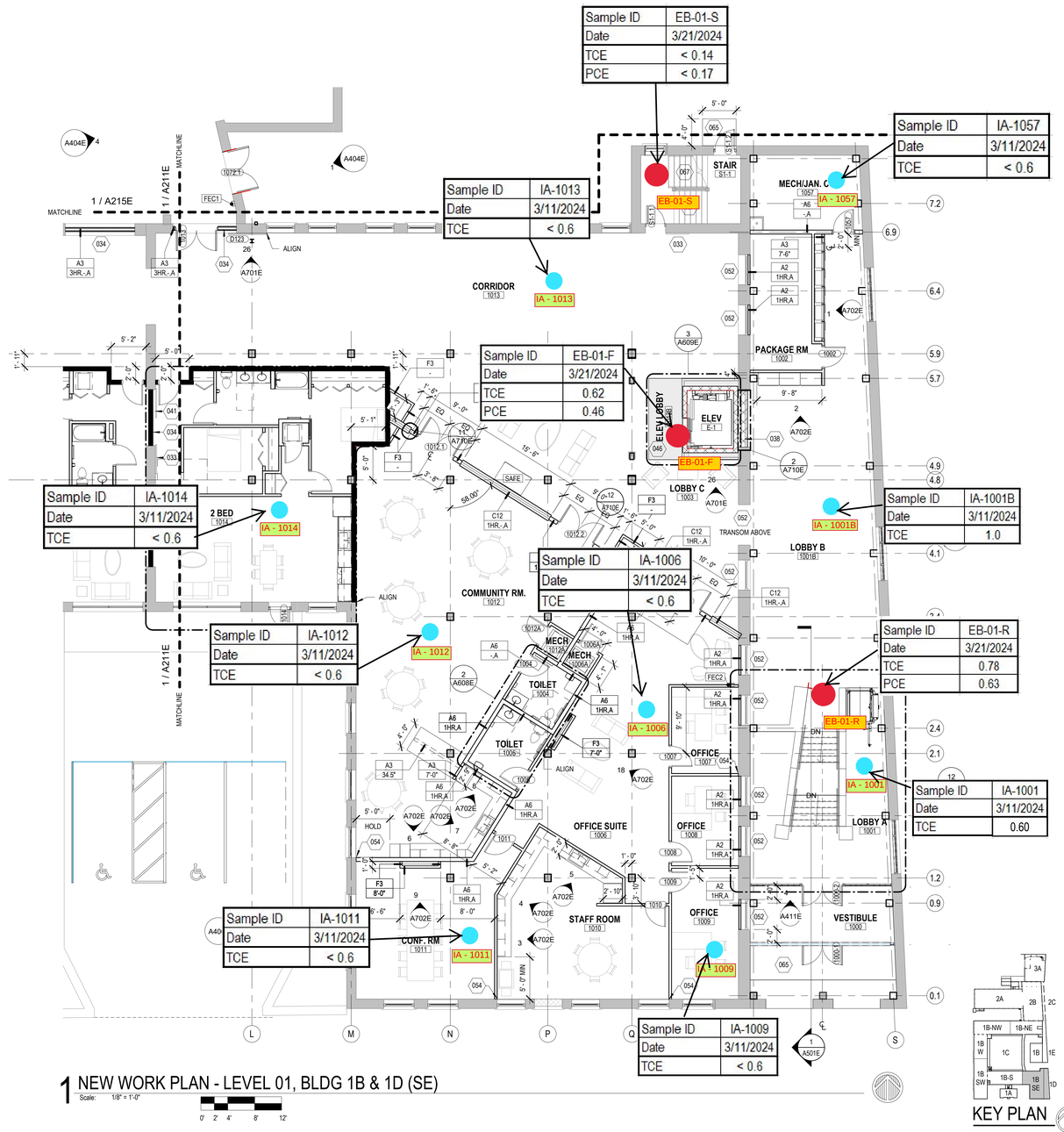
REVISIONS:
1 10/09/20 Addendum #1
2 10/13/20 Addendum #2

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A211E

Figure 4
GC and Passive Air Sampling Results
Level 1 - Building 1B-SE and 1D

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback



1 NEW WORK PLAN - LEVEL 01, BLDG 1B & 1D (SE)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 01, BLDG 1B (SE)

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A212E

Figure 5
GC and Passive Air Sampling Results
Level 1 - Building 1B-W and 1B-NW

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	IA-SWG1
Date	3/11/2024
TCE	1.0

Sample ID	IA-SWG2
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AH
Date	3/21/2024
TCE	0.15
PCE	< 0.17

Sample ID	EB-01-AM
Date	3/21/2024
TCE	0.31
PCE	< 0.17

Sample ID	EB-01-G
Date	3/21/2024
TCE	0.34
PCE	< 0.17

Sample ID	EB-01-I
Date	3/21/2024
TCE	0.62
PCE	< 0.17

Sample ID	EB-01-U
Date	3/21/2024
TCE	0.28
PCE	< 0.17

Sample ID	IA-1055
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-J
Date	3/21/2024
TCE	0.25
PCE	< 0.17

Sample ID	IA-1054
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-GYM1
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-1052
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-1053
Date	3/11/2024
TCE	< 0.6

Sample ID	IA-1049
Date	3/11/2024
TCE	1.1

Sample ID	IA-1047
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-01-W
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	EB-01-AJ
Date	3/21/2024
TCE	0.87
PCE	< 0.17

Sample ID	IA-1051
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-01-AK
Date	3/21/2024
TCE	1.2
PCE	< 0.17

Sample ID	EB-01-X
Date	3/21/2024
TCE	0.30
PCE	< 0.17

Sample ID	IA-1056
Date	3/11/2024
TCE	1.1

Sample ID	IA-1050
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AG
Date	3/21/2024
TCE	0.42
PCE	< 0.17

Sample ID	IA-1048
Date	3/11/2024
TCE	< 0.6

Sample ID	EB-01-AR
Date	3/21/2024
TCE	0.35
PCE	< 0.17

Sample ID	EB-01-AL
Date	3/21/2024
TCE	0.25
PCE	< 0.17

1 NEW WORK PLAN - LEVEL 01, BLDG 1B (NW & W)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 01, BLDG 1B (NW & W)

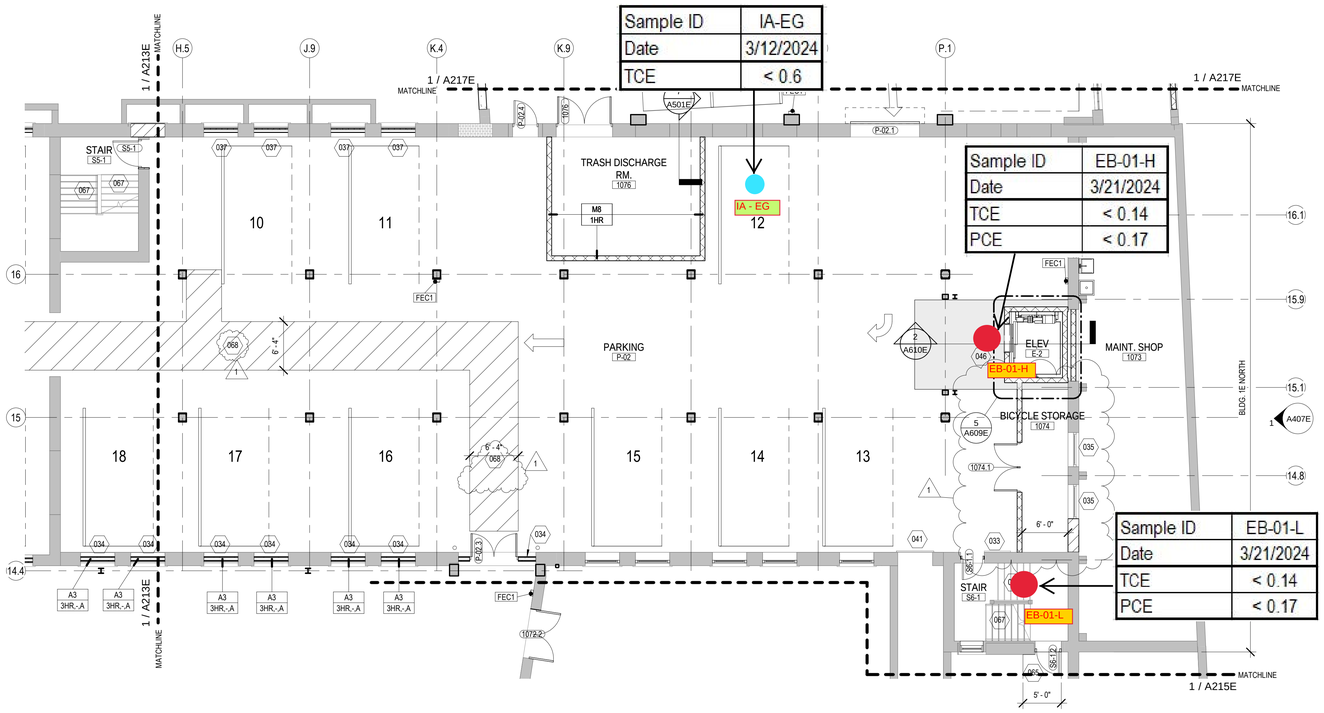
REVISIONS:
1 10/09/20 Addendum #1

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A213E

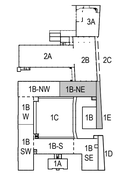
Figure 6
GC and Passive Air Sampling Results
Level 1 - Building 1B-NE and 1E

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback



1 NEW WORK PLAN - LEVEL 01, BLDG 1B (NE) & 1E NORTH
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN


T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 01, BLDG 1B (NE) & 1E NORTH

REVISIONS:
1 10/09/20 Addendum #1

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A214E

Figure 7
GC and Passive Air Sampling Results
Level 1 - Building 1C

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	EB-01-AP
Date	3/21/2024
TCE	0.38
PCE	< 0.17

Sample ID	IA-GYM2
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-01-K
Date	3/21/2024
TCE	0.30
PCE	< 0.17

Sample ID	EB-01-AQ
Date	3/21/2024
TCE	0.34
PCE	< 0.17

PROVIDE MASONRY CLEANING ON THE SOUTH, WEST, AND NORTH WALLS OF BUILDING 1C, FROM THE UNDERSIDE OF ROOF STRUCTURE TO THE FLOOR SLAB.

PROVIDE FOUR SIDED COLUMN PADDING WITH 2" THICK FOAM WITH VELCRO ATTACHMENT. COLOR TO BE SELECTED BY ARCHITECT. PROVIDE PADDING TO HEIGHT OF 8'-0" ABOVE FINISHED FLOOR.

PROVIDE INDOOR MOVABLE BASEKTBALL HOOP IWTH PADDING, REINFORCED GLASS BACKBOARD, BREAKAWAY RIM, AND FLOOR ANCHOR SET.

DOOR MOVABLE L HOOP IWTH EINFORCED GLASS), BREAKAWAY RIM, ANCHOR SET.'

OUTLINE OF SPORTCOURT FLOORING FOR BASKET BALL COURT

PROVIDE DESIGN BUILD FOR SURFACE MOUNTED TWO PLAYGROUND STRUCTURES IN THIS AREA. ONE FOR 2 TO 5 YEAR OLD AND ONE FOR 5 TO 12 YEAR OLDS. DESIGN TO INCLUDE PLAYGROUND SURFACE OF POURED IN PLACE BLACK RUBBER FLOOR. TO APPROPRIATE THICKNESS FOR FALL HEIGHT OF STRUCTURE. (Budget is not to exceed 35k)

PROVIDE MASONRY CLEANING ON THE SOUTH, WEST, AND NORTH WALLS OF BUILDING 1C, FROM THE UNDERSIDE OF ROOF STRUCTURE TO THE FLOOR SLAB.

BBALL COURT 1072C

STORAGE 1072A

BLDG. 1E SOUTH
NOT INCLUDED IN PROJECT SCOPE

BLDG. 1B BOILER
NOT INCLUDED IN PROJECT SCOPE

1 NEW WORK PLAN - LEVEL 01, BLDG 1C
Scale: 1/8" = 1'-0"

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE: NEW WORK PLAN - LEVEL 01, BLDG 1C

REVISIONS:
1 10/09/20 Addendum #1

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A215E

Figure 8
GC and Passive Air Sampling Results
Level 1 - Building 2A

Sample ID	EB-01-AO
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

EB-01-AO

Sample ID	IA-NMR
Date	3/11/2024
TCE	1.1

IA - NMR

Sample ID	EB-01-A
Date	3/21/2024
TCE	1.2
PCE	< 0.17

EB-01-A

ELECTRICAL POWER HOUSE
NOT INCLUDED IN SCOPE OF WORK

Sample ID	EB-01-B
Date	3/21/2024
TCE	0.22
PCE	< 0.17

EB-01-B

Sample ID	EB-01-C
Date	3/21/2024
TCE	0.55
PCE	< 0.17

EB-01-C

Sample ID	IA-NWG1
Date	3/12/2024
TCE	< 0.6

IA - NWG1

Sample ID	EB-01-AN
Date	3/21/2024
TCE	0.24
PCE	< 0.17

EB-01-AN

Sample ID	EB-01-D
Date	3/21/2024
TCE	0.26
PCE	< 0.17

EB-01-D

Sample ID	IA-NWG2
Date	3/12/2024
TCE	< 0.6

IA - NWG2

Sample ID	IA-1089
Date	3/11/2024
TCE	0.60

IA - 1089

Sample ID	EB-01-AI
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

EB-01-AI

Sample ID	OA-01-A
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

OA-01-A

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

1 NEW WORK PLAN - LEVEL 01, BLDG 2A
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE: NEW WORK PLAN - LEVEL 01, BLDG 2A

REVISIONS:
1 10/09/20 Addendum #1
2 10/13/20 Addendum #2

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A216E

Figure 9
GC and Passive Air Sampling
Results Level 1 - Building 2B and 2C

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

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751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 01, BLDG 2B & 2C

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A217E

Figure 10
GC and Passive Air Sampling Results
Level 2 - Building 1B-S and 1B-SW

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	EB-02-K
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-2046
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-J
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-2044
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-E
Date	3/21/2024
TCE	0.33
PCE	< 0.17

Sample ID	IA-2027
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2038
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2042
Date	3/12/24
TCE	< 0.6

Sample ID	EB-02-D
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-2035
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2037
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2026
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2041
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-H
Date	3/21/2024
TCE	0.21
PCE	< 0.17

Sample ID	IA-2040
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-I
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

BLDG. 1A

NO INTERIOR WORK FOR BUILDNG 1A. HISTORICAL EXTERIOR WALL, WINDOWS, AND ROOF TO RECEIVE WORK.

1 NEW WORK PLAN - LEVEL 01, BLDG 1A & LEVEL 02, BLDG 1B (SW & S)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 01, BLDG 1A & LEVEL 02, BLDG 1B (SW & S)

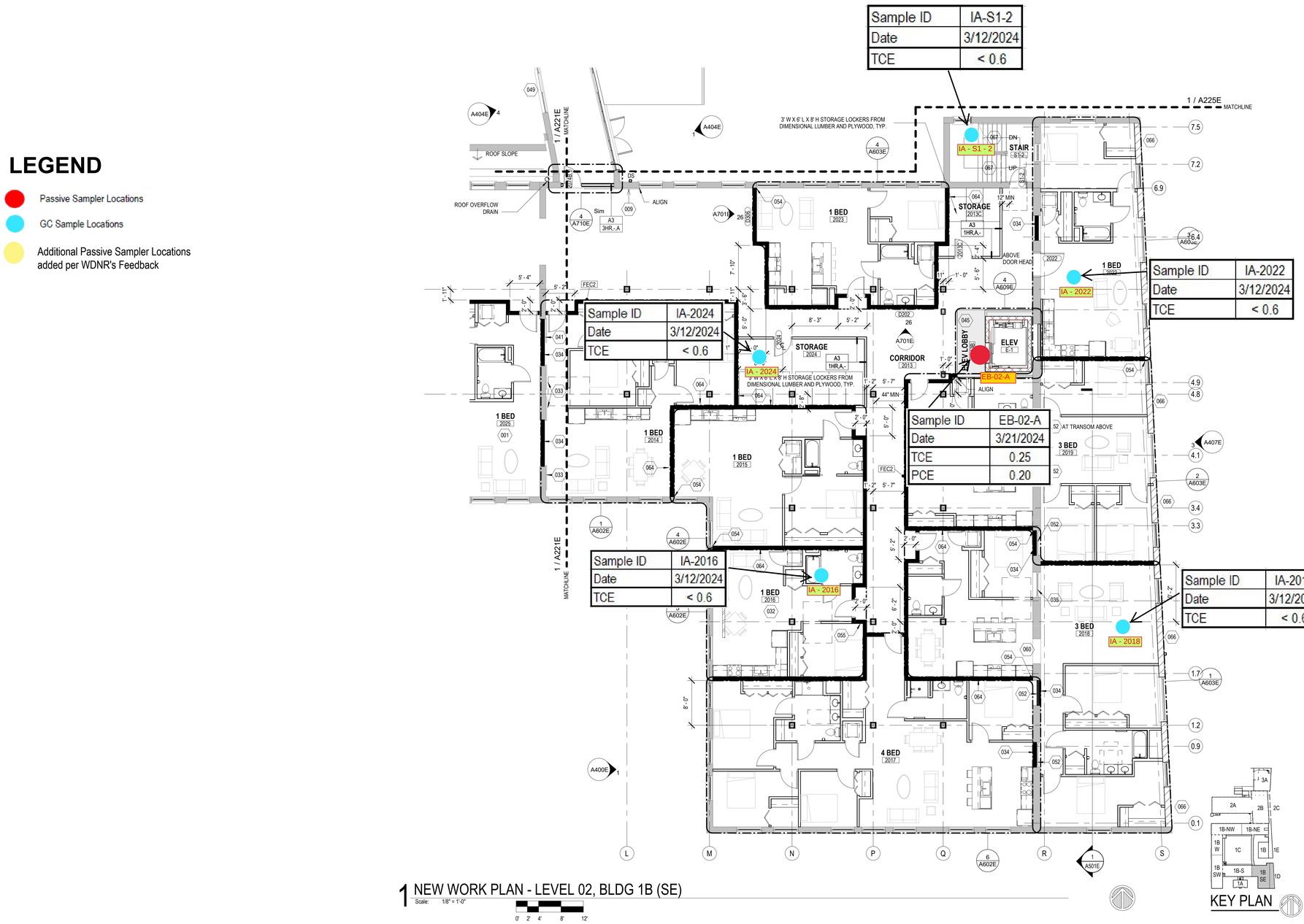
REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A221E

Figure 11
GC and Passive Air Sampling
Results Level 2 - Building 1B-SE

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback



1 NEW WORK PLAN - LEVEL 02, BLDG 1B (SE)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 02, BLDG 1B (SE)

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A222E

Figure 12
GC and Passive Air Sampling Results
Level 2 - Building 1B-W and 1B NW

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	IA-2061
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2063
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2065
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-G
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-2060
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-F
Date	3/21/2024
TCE	0.27
PCE	< 0.17

Sample ID	IA-2058
Date	3/12/2024
TCE	0.80

Sample ID	EB-02-L
Date	3/21/2024
TCE	0.38
PCE	< 0.17

Sample ID	IA-2057
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-N
Date	3/21/2024
TCE	0.16
PCE	< 0.17

Sample ID	EB-02-M
Date	3/21/2024
TCE	0.17
PCE	< 0.17

1 NEW WORK PLAN - LEVEL 02, BLDG 1B (NW & W)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

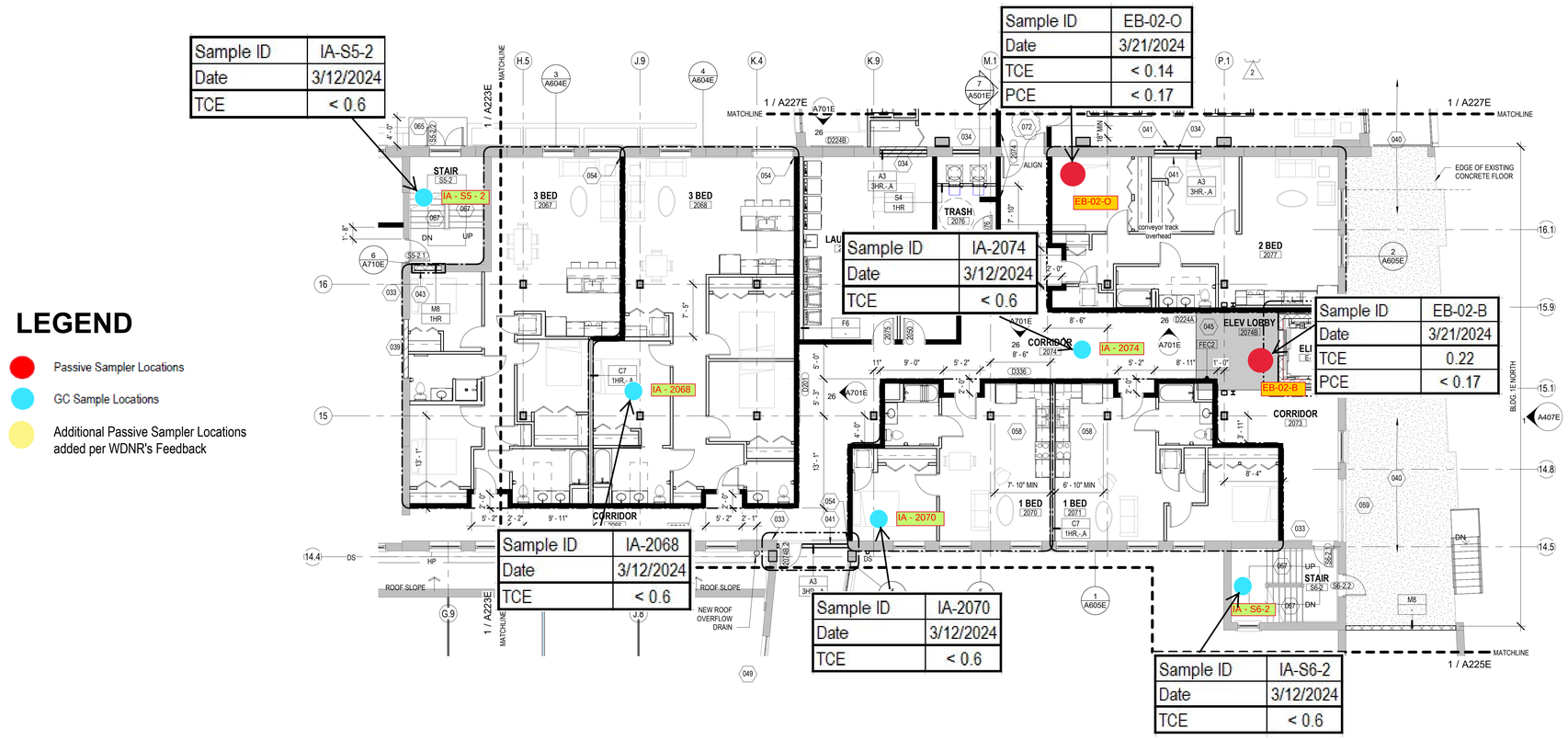
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 02, BLDG 1B (NW & W)

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A223E

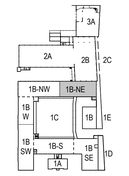
Figure 13
GC and Passive Air Sampling Results
Level 2 - Building 1B-NE and 1E-N



LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

1 NEW WORK PLAN - LEVEL 02, BLDG 1B (NE) & 1E NORTH
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'



KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 02, BLDG 1B (NE) & 1E NORTH

REVISIONS:
2 10/13/20 Addendum
ddendum#2

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A224E

Figure 14
GC and Passive Air Sampling Results
Level 2 - Building 2A

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	IA-2093
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2095
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2098
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-S8-2
Date	3/12/2024
TCE	< 0.6

Sample ID	EB-02-C
Date	3/21/2024
TCE	< 0.14
PCE	< 0.17

Sample ID	IA-2099
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2091
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-2084
Date	3/12/2024
TCE	< 0.6

Sample ID	IA-S7-2
Date	3/12/2024
TCE	< 0.6

1 NEW WORK PLAN - LEVEL 02, BLDG 2A
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210
SHEET TITLE: NEW WORK PLAN - LEVEL 02, BLDG 2A

REVISIONS:
1 10/09/20 Addendum #1
2 10/13/20 Addendum #2

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A226E

Figure 15
GC and Passive Air Sampling
Results Level 2 - Building 2B and 2C

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK

3100 W. Center Street
Milwaukee, WI 53210

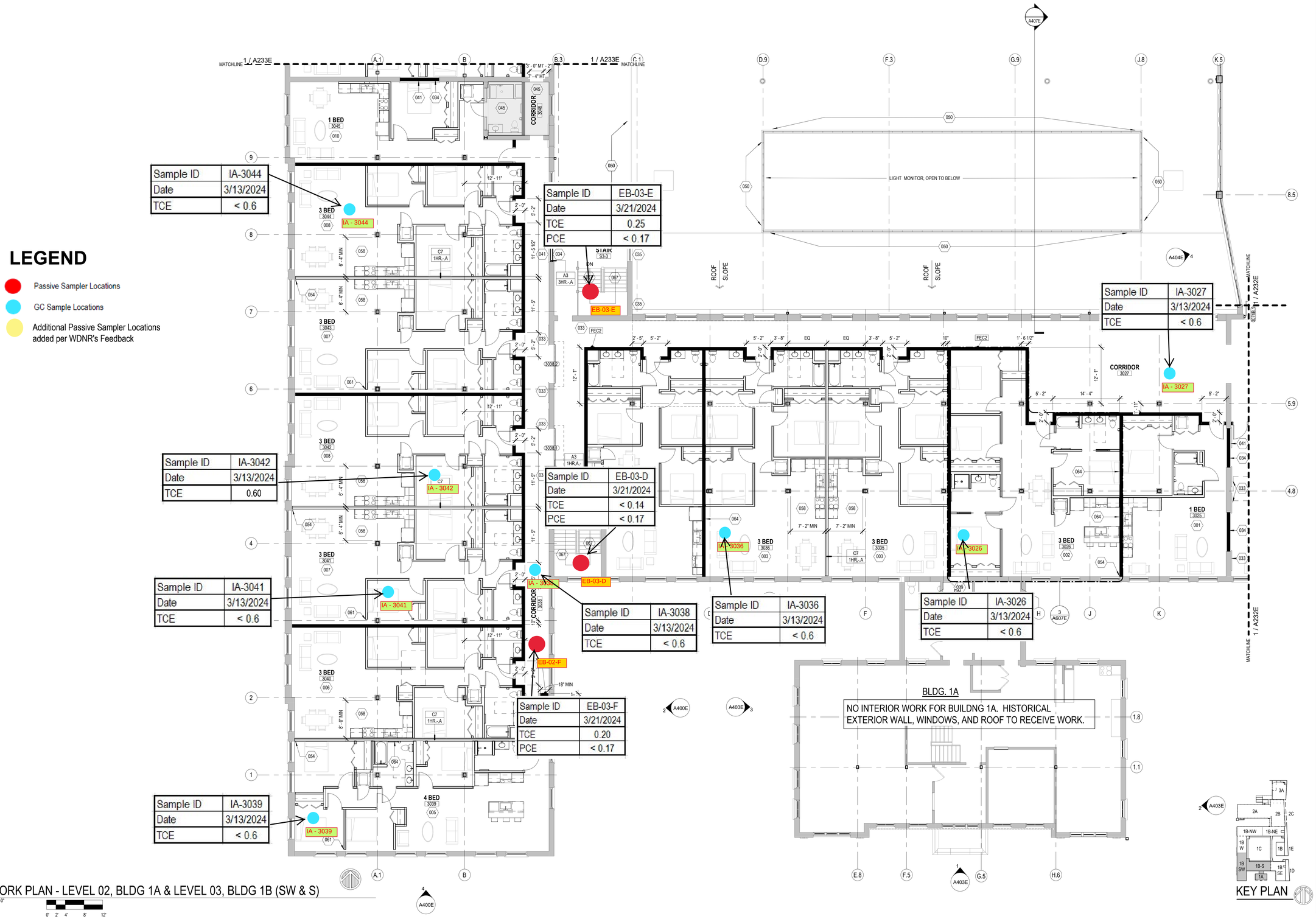
SHEET TITLE:
NEW WORK PLAN - LEVEL 02, BLDG 2B & 2C

REVISIONS:
1 10/09/20 Addendum

ddendum #1

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A227E

Figure 16
GC and Passive Air Sampling Results
Level 3 - Building 1B-S and 1B-SW



1 NEW WORK PLAN - LEVEL 02, BLDG 1A & LEVEL 03, BLDG 1B (SW & S)
Scale: 1/8" = 1'-0"

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 02, BLDG 1A & LEVEL 03, BLDG 1B (SW & S)

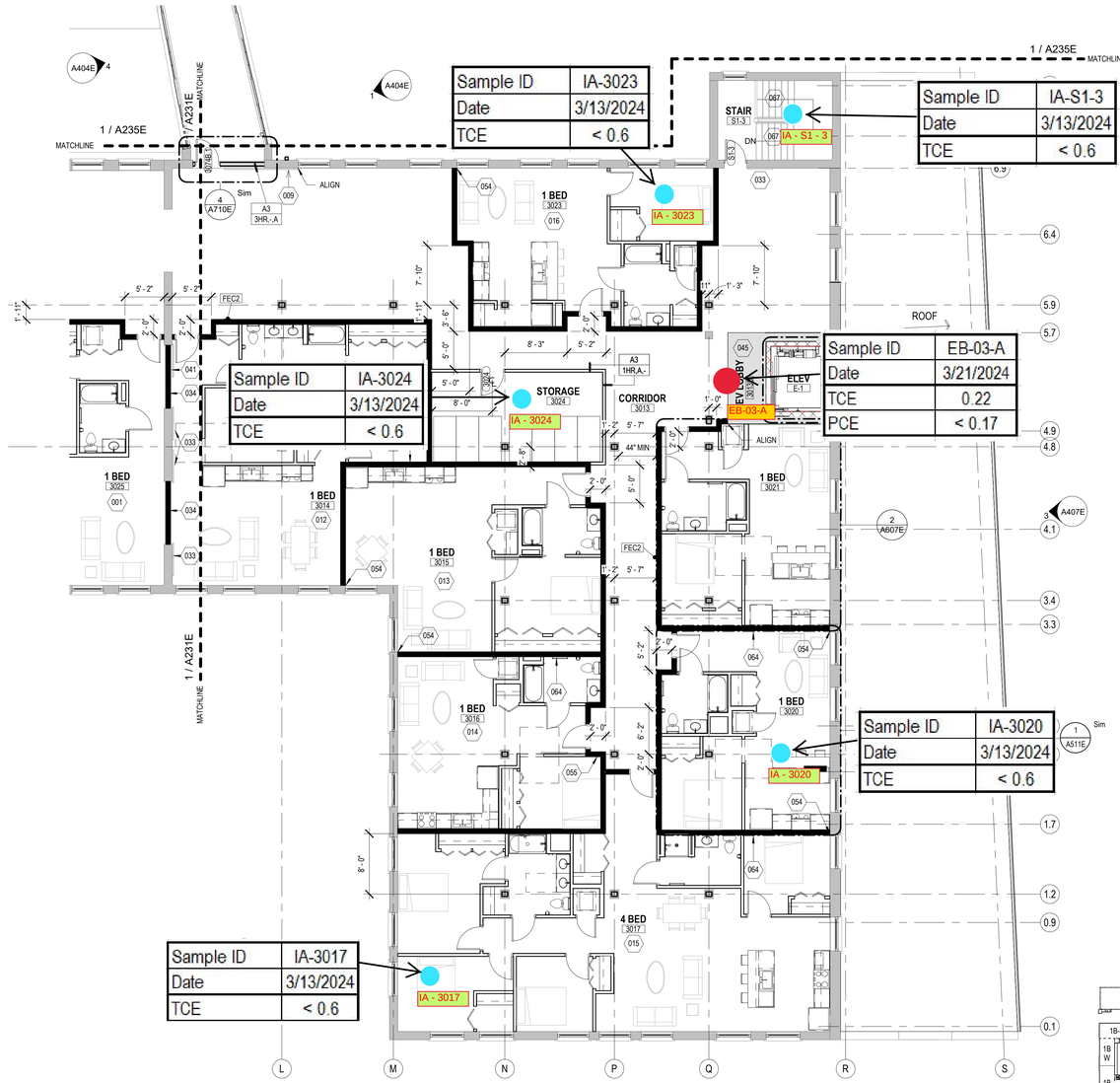
REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A231E

Figure 17
GC and Passive Air Sampling Results
Level 3 - Building 1B-SE

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback



1 NEW WORK PLAN - LEVEL 03, BLDG 1B (SE)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 03, BLDG 1B (SE)

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A232E

Figure 18
GC and Passive Air Sampling Results
Level 3 - Building 1B-W and 1B-NW

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

Sample ID	IA-3061
Date	3/13/2024
TCE	< 0.6

Sample ID	IA-3C
Date	3/13/2024
TCE	< 0.6

Sample ID	IA-S5-3
Date	3/13/2024
TCE	< 0.6

Sample ID	IA-S4-3
Date	3/13/2024
TCE	< 0.6

Sample ID	IA-3064
Date	3/13/2024
TCE	< 0.6

Sample ID	IA-3060
Date	3/13/2024
TCE	< 0.6

Sample ID	EB-03-H
Date	3/21/2024
TCE	0.24
PCE	< 0.17

Sample ID	EB-03-G
Date	3/21/2024
TCE	0.53
PCE	< 0.17

Sample ID	IA-3058
Date	3/13/2024
TCE	< 0.6

Sample ID	IA-3056
Date	3/13/2024
TCE	< 0.6

1 NEW WORK PLAN - LEVEL 03, BLDG 1B (NW & W)
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
2748 N. 32nd Street
Milwaukee, WI 53210

SHEET TITLE: NEW WORK PLAN - LEVEL 03, BLDG 1B (NW & W)

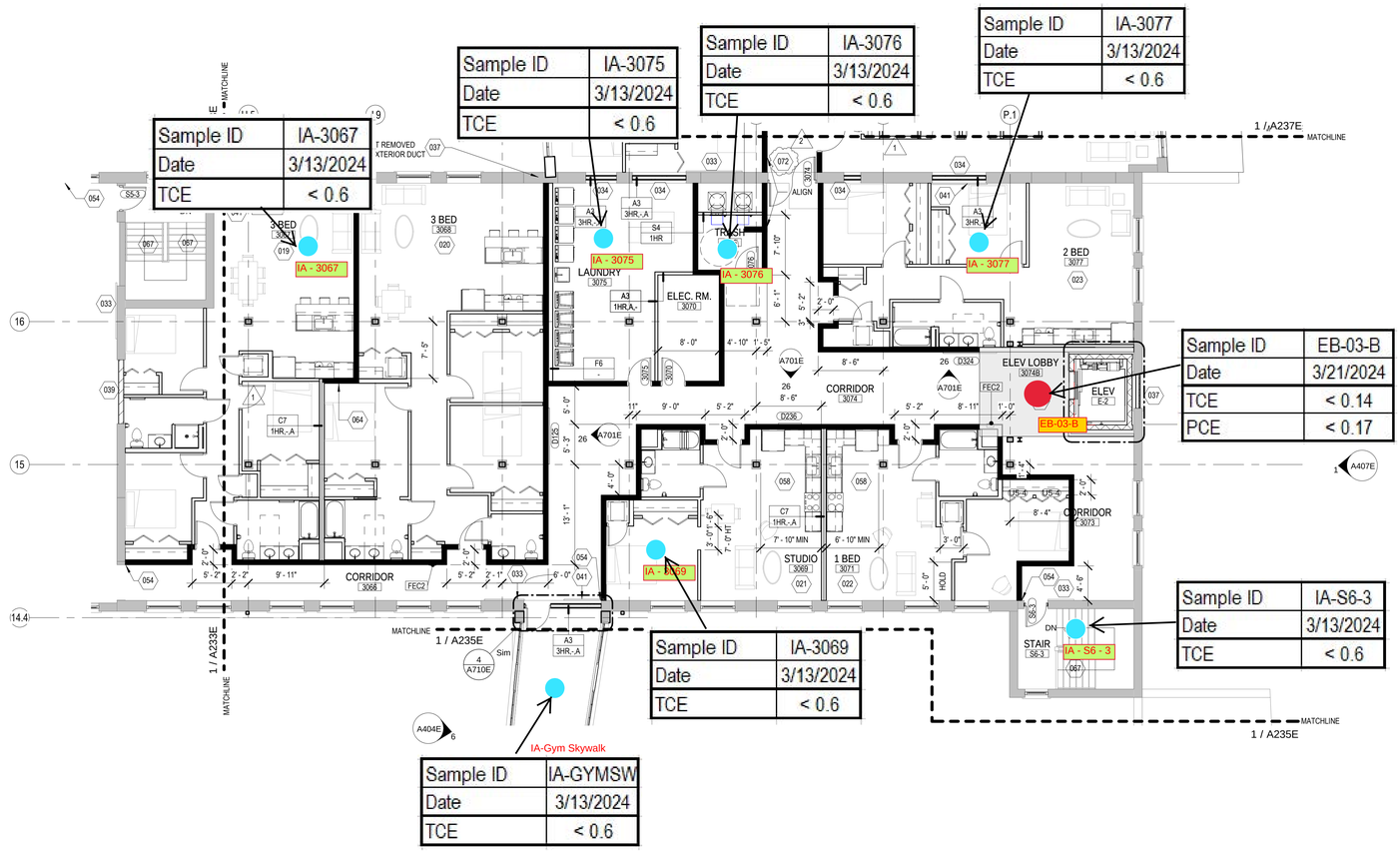
REVISIONS:

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A233E

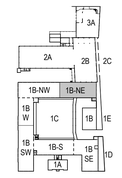
Figure 19
GC and Passive Air Sampling Results
Level 3 - Building 1B-NE and 1E-N

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback



1 NEW WORK PLAN - LEVEL 03, BLDG 1B (NE) & 1E NORTH
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'



KEY PLAN

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

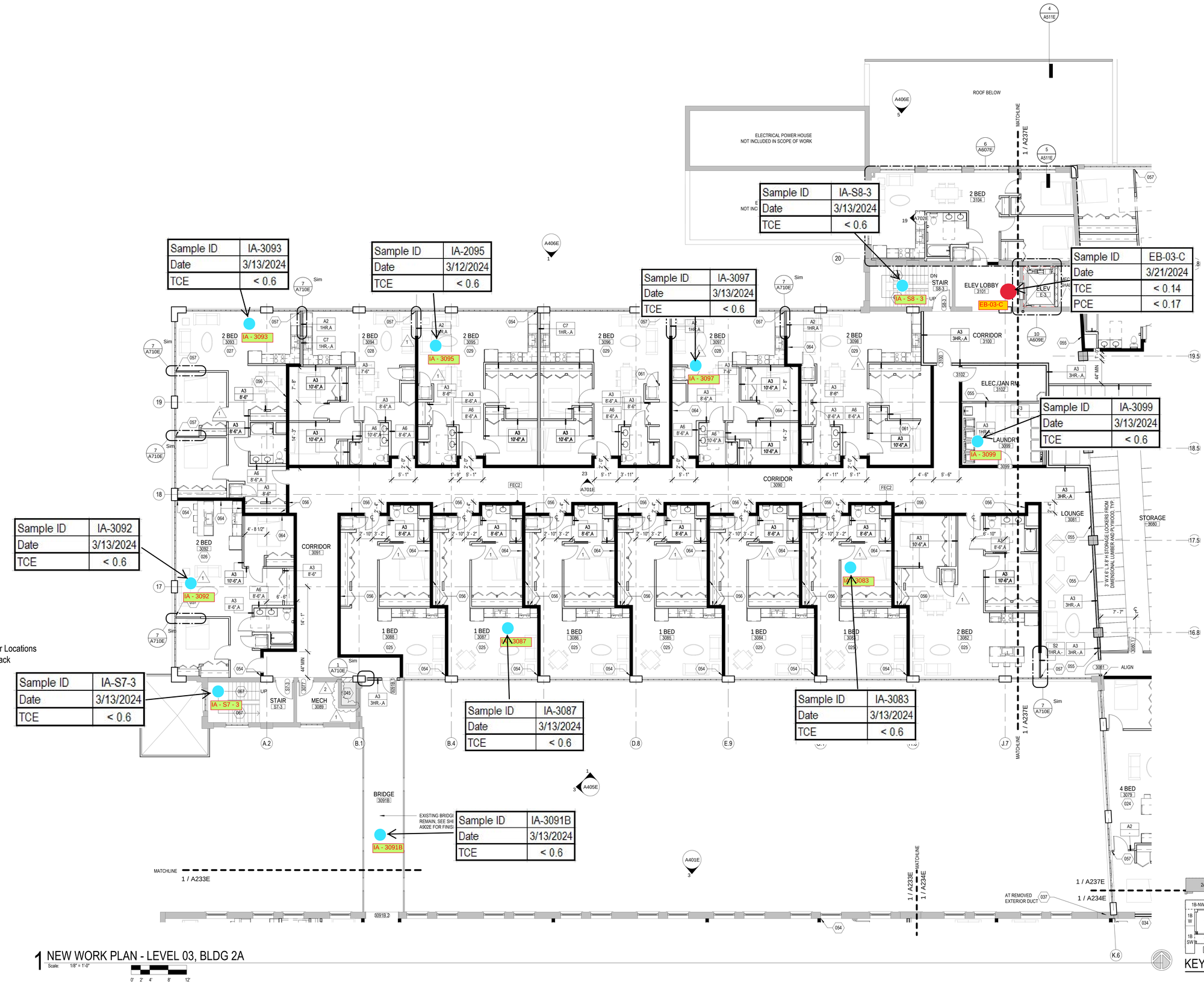
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE:
NEW WORK PLAN - LEVEL 03, BLDG 1B (NE) & 1E NORTH

REVISIONS:
1 10/09/20 Addendum #1
2 10/13/20 Addendum #2

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A234E

Figure 20
GC and Passive Air Sampling Results
Level 3 - Building 2A



LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

1 NEW WORK PLAN - LEVEL 03, BLDG 2A
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE: NEW WORK PLAN - LEVEL 03, BLDG 2A

REVISIONS:
1 10/09/20 Addendum #1
2 10/13/20 Addendum #2

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A236E

Figure 21
GC and Passive Air Sampling Results
Level 3 - Building 2B

LEGEND

- Passive Sampler Locations
- GC Sample Locations
- Additional Passive Sampler Locations added per WDNR's Feedback

1 NEW WORK PLAN - LEVEL 03, BLDG 2B
Scale: 1/8" = 1'-0"
0' 2' 4' 8' 12'

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
3100 W. Center Street
Milwaukee, WI 53210

SHEET TITLE: NEW WORK PLAN - LEVEL 03, BLDG 2B

REVISIONS:
1 10/09/20# Addendum 1

SCALE	VARIES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A237E

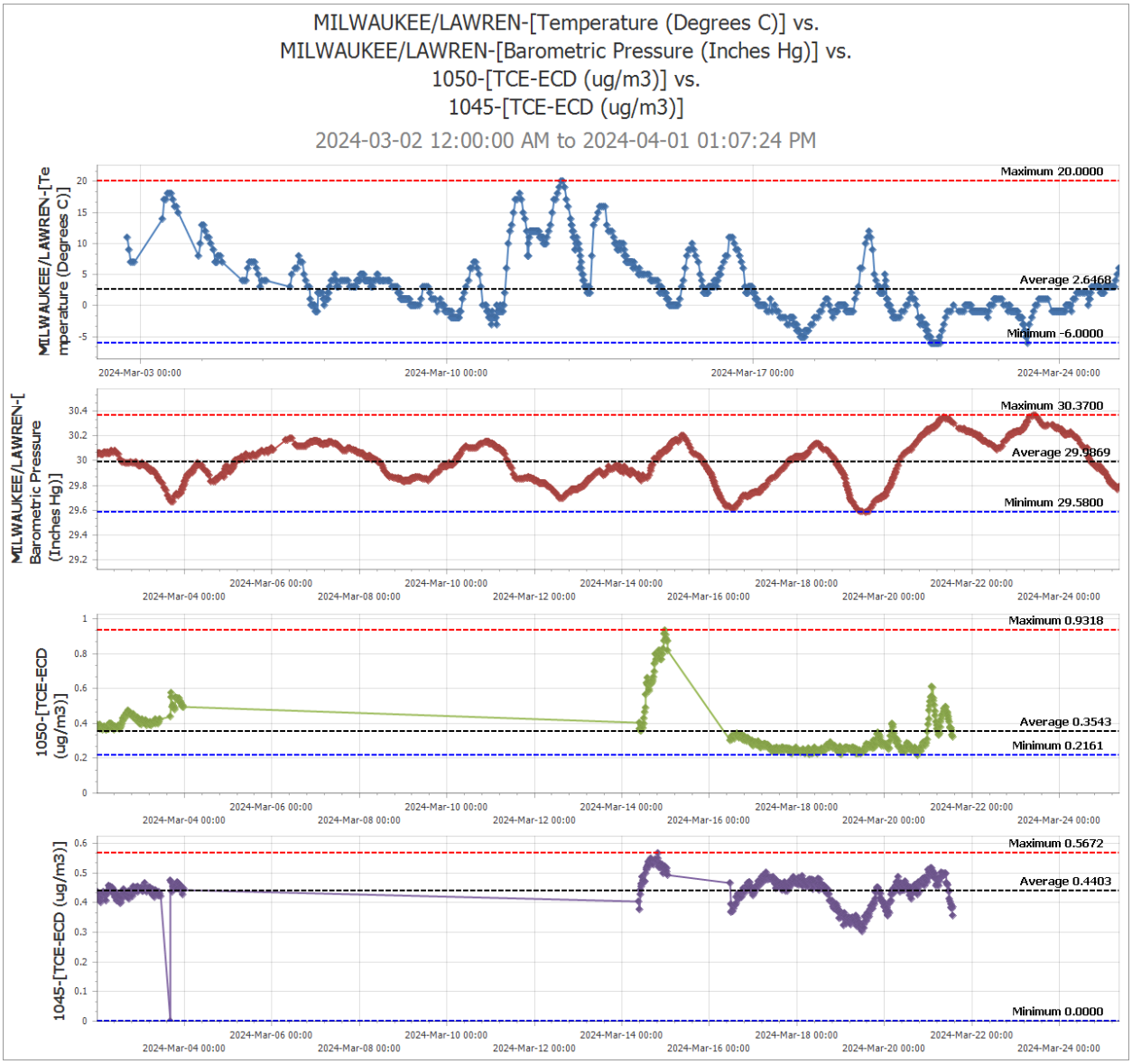


Figure 22. Continuous Monitoring Results for Units 1045 and 1050

TABLES

Table 1. Summary of Weather Conditions During 2nd Round of Commissioning
Community Within the Corridor - East Block

Date	High Temperature (ºF)	Low Temperature (ºF)	Average Temperature (ºF)	Precipitation (inches)	Commissioning Events
3/11/2024	63	46	49.0	0	Vacuum and GC Readings
3/12/2024	71	49	60.0	0	GC Readings
3/13/2024	59	41	50.0	0.04	GC Readings
3/14/2024	51	38	44.5	1.38	Passive Samplers Deployment
3/15/2024	45	34	39.5	0	Passive Sampling & Continuous Monitoring
3/16/2024	57	38	47.5	0	Passive Sampling & Continuous Monitoring
3/17/2024	40	28	34.0	0	Passive Sampling & Continuous Monitoring
3/18/2024	36	25	30.5	0	Passive Sampling & Continuous Monitoring
3/19/2024	55	30	42.5	0	Passive Sampling & Continuous Monitoring
3/20/2024	42	27	34.5	0	Passive Sampling & Continuous Monitoring
3/21/2024	34	24	29.0	0.03	Passive Samplers Retrieval
Average	50.3	34.5	41.9	---	---

Note: Weather data from NOAA for Milwaukee County via https://www.weather.gov/wrh/climate?wfo=mkx.

Table 2. Sub-Slab Depressurization System Vacuum Measurements
Community Within the Corridor - East Block
Monday, March 11, 2024

No.	Location	Vacuum (inches of water)
VP-1	Loading Dock Basement NE	-0.146
VP-2	Loading Dock Basement SW	-0.090
VP-3	N. Mechanical Room	-0.433
VP-4	NW Garage – W	-0.008
VP-5	NW Garage – 80	-0.018
VP-6	NW Garage – S	-0.056
VP-7	Opposite N. Mechanical Room	-0.194
VP-8	NW Garage – 36	-1.475
VP-9	NW Garage – E	-0.909
VP-10	NW Garage – Ramp	-0.403
VP-11	SE Garage – 14	-0.080
VP-12	SE Garage – 11	-0.019
VP-13	SW Garage – 19	-0.013
VP-14	SW Garage – 6	-0.013
VP-15	SW Garage – S	-0.175
VP-16	SW Garage – 2	-0.055
VP-17	SW Garage – 26	-0.139
VP-18	Stairwell 4	-0.029
VP-19	Opposite 1054	-0.202
VP-20	1055	-0.310
VP-21	1054	-0.722
VP-22	1053	-0.428
VP-23	1052	-0.756
VP-24	1051	-0.169
VP-25	1049	-0.671
VP-26	1048	-0.345
VP-27	Outside 1050	-0.206
VP-28	1050	-0.147
VP-29	1045	-0.155
VP-30	Outside 1044	-0.088
VP-31	1043	-0.017
VP-31A	1042	-0.011
VP-32	1041	-0.029
VP-33	1040	-0.039
VP-34	1039	-0.008
VP-35	Outside 1040	-0.068
VP-36	1037	-0.076
VP-37	1036	-0.272
VP-37A	Outside 1035	-0.007
VP-38	1035	-0.088
VP-39	1058 W	-0.100
VP-40	1058E	-0.082
VP-41	1026	-0.149
VP-42	1025	-0.110
VP-43	1014	-0.464
VP-44	1011	-0.136
VP-45	SE Lobby	-0.995
VP-46	Lounge	-3.880
VP-47	S Exit from Gym	-0.027
VP-48	Gym SE	-0.830
VP-49	Gym S	-0.020
VP-50	Gym SW	-0.029
VP-51	Gym Center	-0.450
VP-52	Gym N	-0.016
VP-53	N Exit from Gym	-0.028

Table 3. Discrete Sampling - GC Testing - Level 1
Community Within the Corridor - East Block

No.	Date	Name	Location	Time	TCE Reading ($\mu g/m^3$)	Notes
1	3/11/24	IA-1001	Lobby A	16:18	0.60	
2	3/11/24	IA-1001B	Lobby B	14:29	1.0	
3	3/11/24	IA-1006	1006	15:52	< 0.6	
4	3/11/24	IA-1013	1013 Corridor	13:48	< 0.6	
5	3/11/24	IA-1014	Unit 1014	16:45	< 0.6	
6	3/11/24	IA-1012	1012 Community Room	15:41	< 0.6	
7	3/11/24	IA-1011	1011 Conference Room	16:01	< 0.6	
8	3/11/24	IA-1009	1009 Office	16:10	< 0.6	
9	3/11/24	IA-1025	Unit 1025	13:32	< 0.6	Bedroom Fan
10	3/11/24	IA-1026	Unit 1026	13:23	< 0.6	
11	3/11/24	IA-1027A	1027 Corridor E	13:39	< 0.6	
12	3/11/24	IA-1027B	1027 Corridor W	12:32	< 0.6	
13	3/11/24	IA-1035	Unit 1035	13:06	< 0.6	
14	3/11/24	IA-1036	Unit 1036	12:58	< 0.6	Bedroom Fan
15	3/11/24	IA-1037	Unit 1037	12:49	< 0.6	
16	3/11/24	IA-ST2	Stairwell 2, 1st Floor	12:40	< 0.6	
17	3/11/24	IA-1039	Unit 1039	12:24	< 0.6	
18	3/11/24	IA-1040	Unit 1040	12:13	< 0.6	
19	3/11/24	IA-1041	Unit 1041	12:04	< 0.6	
20	3/11/24	IA-1042	Unit 1042	11:56	< 0.6	
21	3/11/24	IA-1043	Unit 1043	11:47	0.80	Bedroom Fan
22	3/11/24	IA-1044	Unit 1044	11:39	< 0.6	Kitchen Fan
23	3/11/24	IA-1045	Unit 1045	11:30	< 0.6	Kitchen Fan
24	3/12/24	IA-1047	1047 Corridor	7:59	< 0.6	
25	3/11/24	IA-1048	1048 Laundry	14:15	< 0.6	
26	3/11/24	IA-1049	1049 Storage	14:32	1.1	
27	3/11/24	IA-1050	Unit 1050	14:42	< 0.6	
28	3/12/24	IA-1051	Unit 1051	8:07	< 0.6	Ran Sink
29	3/11/24	IA-1056	1056 Mechanical	14:50	1.1	
30	3/11/24	IA-1053	1053 Men's Locker	14:58	< 0.6	
31	3/12/24	IA-1052	1052 Mechanical	8:15	< 0.6	
32	3/11/24	IA-1054	1054 Fitness Room	15:07	< 0.6	
33	3/11/24	IA-1055	1055 Women's Locker	15:16	< 0.6	Ran Both Sinks
34	3/11/24	IA-1057	1057 Mechanical	16:37	< 0.6	
35	3/11/24	IA-1058	1058 Mechanical	13:15	0.70	
36	3/11/24	IA-SWG1	SW Garage W	15:24	1.0	
37	3/11/24	IA-SWG2	SW Garage NE	15:33	< 0.6	
38	3/12/24	IA-GYM1	Gym NE	8:23	< 0.6	
39	3/12/24	IA-GYM2	Gym SE	8:31	< 0.6	
40	3/12/24	IA-EG	Parking-02, Spot 12	8:40	< 0.6	
41	3/11/24	IA-NMR	N. Mechanical Room	14:24	1.1	
42	3/12/24	IA-NWG1	NW Garage W	9:12	< 0.6	
43	3/12/24	IA-NWG2	NW Garage E	9:04	< 0.6	
44	3/11/24	IA-1089	1089 Mechanical	14:06	0.60	
45	3/12/24	IA-EG1	Parking-03, Spot 55	8:48	< 0.6	
46	3/12/24	IA-EG2	Parking-03, Spot 42	8:56	< 0.6	

Note: A reading of "< 0.6" = Less than detection limit.

Table 3. Discrete Sampling - GC Testing - Level 2
Community Within the Corridor - East Block

No.	Date	Name	Location	Time	TCE Reading ($\mu g/m^3$)	Notes
47	3/12/24	IA-2027	2027 Corridor	9:57	< 0.6	
48	3/12/24	IA-2026	Unit 2026	10:08	< 0.6	
49	3/12/24	IA-2035	Unit 2035	10:16	< 0.6	Bedroom Fan
50	3/12/24	IA-2037	Unit 2037	10:24	< 0.6	
51	3/12/24	IA-2038	2038 Corridor	10:32	< 0.6	
52	3/12/24	IA-2040	Unit 2040	10:40	< 0.6	Bedroom Fan
53	3/12/24	IA-2041	Unit 2041	10:49	< 0.6	
54	3/12/24	IA-2042	Unit 2042	10:57	< 0.6	Bedroom Fan
55	3/12/24	IA-2044	Unit 2044	11:04	< 0.6	Kitchen Fan
56	3/12/24	IA-2046	2046 Corridor	11:13	< 0.6	
57	3/12/24	IA-S1-2	Stairwell 1, 2nd Floor	9:25	< 0.6	
58	3/12/24	IA-2022	Unit 2022	9:32	< 0.6	Kitchen Fan
59	3/12/24	IA-2024	Unit 2024	15:33	< 0.6	
60	3/12/24	IA-2018	Unit 2018	9:48	< 0.6	
61	3/12/24	IA-2016	Unit 2016	9:40	< 0.6	
62	3/12/24	IA-2057	Unit 2057	11:21	< 0.6	
63	3/12/24	IA-2058	Unit 2058	11:55	0.80	
64	3/12/24	IA-2060	2060 Corridor	12:03	< 0.6	
65	3/12/24	IA-2061	Unit 2061	11:39	< 0.6	Bedroom Fan
66	3/12/24	IA-2063	Unit 2063	11:47	< 0.6	Bedroom Fan
67	3/12/24	IA-2065	Unit 2065	12:11	< 0.6	Bedroom Fan
68	3/12/24	IA-S5-2	Stairwell 5, 2nd Floor	13:18	< 0.6	
69	3/12/24	IA-2068	Unit 2068	13:26	< 0.6	Bedroom Fan
70	3/12/24	IA-2070	Unit 2070	13:34	< 0.6	Bedroom Fan
71	3/12/24	IA-2074	2074 Corridor	13:42	< 0.6	
72	3/12/24	IA-S6-2	Stairwell 6, 2nd Floor	13:50	< 0.6	
73	3/12/24	IA-S8-2	Stairwell 8, 2nd Floor	15:01	< 0.6	
74	3/12/24	IA-2098	Unit 2098	15:17	< 0.6	
75	3/12/24	IA-2099	2099 Laundry	15:09	< 0.6	
76	3/12/24	IA-2095	Unit 2095	15:50	< 0.6	
77	3/12/24	IA-2091	2091 Corridor	16:06	< 0.6	
78	3/12/24	IA-S7-2	Stairwell 7, 2nd Floor	16:13	< 0.6	
79	3/12/24	IA-2084	Unit 2084	15:25	< 0.6	Kitchen Fan and Ran Kitchen Sinks
80	3/12/24	IA-2107	2017 Community Room	14:54	< 0.6	
81	3/12/24	IA-2112	Unit 2112	14:33	< 0.6	
82	3/12/24	IA-2080	2080 Storage, 2nd Floor	15:42	< 0.6	
83	3/12/24	IA-2081	2081 Lounge, 2nd Floor	14:25	< 0.6	
84	3/12/24	IA-2115	Unit 2115	14:18	< 0.6	
85	3/12/24	IA-2079	Unit 2079	14:09	< 0.6	Kitchen Fan and Ran Kitchen Sinks
86	3/12/24	IA-2110	Unit 2110	14:41	< 0.6	Kitchen Fan and Opened Patio Door
87	3/12/24	IA-2093	Unit 2093	15:58	< 0.6	

Note: A reading of "< 0.6" = Less than detection limit.

Table 3. Discrete Sampling - GC Testing - Level 3
Community Within the Corridor - East Block

No.	Date	Name	Location	Time	TCE Reading ($\mu g/m^3$)	Notes
88	3/13/24	IA-3027	3027 Corridor	8:51	< 0.6	
89	3/13/24	IA-3026	Unit 3026	9:03	< 0.6	Bedroom Fan
90	3/13/24	IA-3044	Unit 3044	9:55	< 0.6	
91	3/13/24	IA-3042	Unit 3042	9:46	0.60	Bedroom Fan
92	3/13/24	IA-3041	Unit 3041	9:34	< 0.6	Bedroom Fan
93	3/13/24	IA-3038	3038 Corridor	9:19	< 0.6	
94	3/13/24	IA-3039	Unit 3039	9:27	< 0.6	
95	3/13/24	IA-3036	Unit 3036	9:11	< 0.6	
96	3/13/24	IA-S1-3	Stairwell 1, 3rd Floor	8:36	< 0.6	
97	3/13/24	IA-3023	Unit 3023	8:43	< 0.6	
98	3/13/24	IA-3024	3024 Storage	14:33	< 0.6	
99	3/13/24	IA-3020	Unit 3020	8:28	< 0.6	Ran Kitchen Sinks
100	3/13/24	IA-3017	Unit 3017	8:20	< 0.6	Bedroom Fan
101	3/13/24	IA-S5-3	Stairwell 5, 3rd Floor	10:59	< 0.6	
102	3/13/24	IA-3064	Unit 3064	10:52	< 0.6	Bedroom Fan
103	3/13/24	IA-3C	Corridor Btwn 3063, 3062	10:28	< 0.6	
104	3/13/24	IA-3061	Unit 3061	10:18	< 0.6	
105	3/13/24	IA-3060	3060 Corridor	10:36	< 0.6	
106	3/13/24	IA-S4-3	Stairwell 4, 3rd Floor	10:43	< 0.6	
107	3/13/24	IA-3058	Unit 3058	10:10	< 0.6	
108	3/13/24	IA-3056	Unit 3056	10:02	< 0.6	Ran Both Kitchen Sinks
109	3/13/24	IA-3067	Unit 3067	11:12	< 0.6	
110	3/13/24	IA-3075	Unit 3075	11:28	< 0.6	
111	3/13/24	IA-3069	Unit 3069	11:38	< 0.6	Bedroom Fan
112	3/13/24	IA-3077	Unit 3077	11:54	< 0.6	Bedroom Fan
113	3/13/24	IA-S6-3	Stairwell 6, 3rd Floor	12:03	< 0.6	
114	3/13/24	IA-S8-3	Stairwell 8, 3rd Floor	12:48	< 0.6	
115	3/13/24	IA-3099	3099 Laundry	12:56	< 0.6	
116	3/13/24	IA-3097	Unit 3097	13:21	< 0.6	
117	3/13/24	IA-3095	Unit 3095	13:37	< 0.6	
118	3/13/24	IA-3093	Unit 3093	13:45	< 0.6	
119	3/13/24	IA-3092	Unit 3092	14:00	< 0.6	
120	3/13/24	IA-S7-3	Stairwell 7, 3rd Floor	14:08	< 0.6	
121	3/13/24	IA-3087	Unit 3087	13:29	< 0.6	Kitchen Fan and Ran Both Kitchen Sinks
122	3/13/24	IA-3083	Unit 3083	13:11	< 0.6	Bedroom Fan
123	3/13/24	IA-3091B	3091B Bridge	14:16	< 0.6	
124	3/13/24	IA-3110	Unit 3110	12:40	< 0.6	Bedroom Fan
125	3/13/24	IA-3113	Unit 3113	12:33	< 0.6	
126	3/13/24	IA-3080	3080 Storage	14:24	< 0.6	
127	3/13/24	IA-3079	Unit 3079	12:25	< 0.6	
128	3/13/24	IA-3117	Unit 3117	12:10	< 0.6	
129	3/13/24	IA-3076	Room 3076, Trash Room	11:46	< 0.6	
130	3/13/24	IA-GYMSW	Gym Skywalk, 3rd Fl North	11:20	< 0.6	

Note: A reading of "< 0.6" = Less than detection limit.

Table 4. Passive Air Sampling Analytical Results - Level 1
Community Within the Corridor - East Block

1st Round Commissioning			GC Testing	GC Testing	2nd Round Commissioning		
February 2023			April 2023	August 2023	March 2024		
Sample ID	Sample Location	TCE Reading ($\mu g/m^3$)	TCE Reading ($\mu g/m^3$)	TCE Reading ($\mu g/m^3$)	Sample ID	Sample Location	TCE Reading ($\mu g/m^3$)
EB-01-B	N Mech Room	4.9	14.8	9.9	EB-01-A	N Mech Room	1.2
EB-01-C	Stair 8	0.21			EB-01-B	Stair 8	0.22
EB-01-D	Elevator 3	0.32			EB-01-C	Elevator 3	0.55
EB-01-E	NW Garage	0.13	0.60	< 0.6	EB-01-D	NW Garage	0.26
EB-01-F	E Garage	0.25	0.80	< 0.6	EB-01-E	E Garage	0.15
					EB-01-F	Elevator 1	0.62
EB-01-G	Skywalk	0.82					
EB-01-H	SW Garage	1.1	21	< 0.6	EB-01-G	SW Garage	0.34
EB-01-I	Elevator 2	0.23			EB-01-H	Elevator 2	< 0.14
EB-01-J	1053	0.13	428		EB-01-I	1053	0.62
EB-01-K	Gym	0.13	7.5	3.76	EB-01-J	Gym	0.25
EB-01-L	SE Gym	0.13			EB-01-K	SE Gym	0.30
EB-01-M	Stair 6	0.13		< 0.6	EB-01-L	Stair 6	< 0.14
EB-01-N	1042	15	16.2	< 0.6	EB-01-M	1042	0.19
EB-01-O	1046	11			EB-01-N	1046	0.45
EB-01-P	1039	8.2	11.4	< 0.6	EB-01-O	1039	< 0.14
EB-01-Q	1036	0.96	< 0.6	< 0.6	EB-01-P	1036	0.32
EB-01-R	1027A	0.41			EB-01-Q	1027A	0.52
					EB-01-R	1001	0.78
EB-01-S	1014	0.14	< 0.6	< 0.6			
EB-01-T	Stair 1	0.20			EB-01-S	Stair 1	< 0.14
					EB-01-T	Stair 2	< 0.14
EB-01-V	1012	0.32					
EB-01-W	Stair 4	0.81	14.4	< 0.6	EB-01-U	Stair 4	0.28
EB-01-X	Stair 3	3.2	0.60	< 0.6	EB-01-V	Stair 3	0.44
EB-01-Y	1051	61	45.3	< 0.6	EB-01-W	1051	< 0.14
EB-01-Z	1050	400	706	2.4	EB-01-X	1050	0.30
EB-01-AA	1045	290	352	7.8	EB-01-Y	1045	0.43
EB-01-AB	1044	46	95	2.5	EB-01-Z	1044	0.60
EB-01-AC	1043	17	24	2.3	EB-01-AA	1043	0.48
EB-01-AD	1041	13	19.9	< 0.6	EB-01-AB	1041	< 0.14
EB-01-AE	1040	11	22.6	< 0.6	EB-01-AC	1040	< 0.14
EB-01-AF	1037	3.2	2.0	< 0.6	EB-01-AD	1037	0.50
					EB-01-AE	1038	0.24
EB-01-AG	1035	0.70	< 0.6	< 0.6			
EB-01-AH	1026	5.0	< 0.6	< 0.6	EB-01-AF	1026	0.23
EB-01-AI	1025	0.20	4.8	< 0.6			
					EB-01-AG	1047	0.42
					EB-01-AH	Stair 5	0.15
					EB-01-AI	Stair 7	< 0.14
					EB-01-AJ	1049	0.87
					EB-01-AK	1056	1.2
					EB-01-AL	1048	0.25
					EB-01-AM	SW Garage Wall	0.31
					EB-01-AN	NW Garage Wall	0.24
					EB-01-AO	Building 3A	< 0.14
					EB-01-AP	Bball Court Center	0.38
					EB-01-AQ	Bball Court SE	0.34
					EB-01-AR	1050 N Wall	0.35
					EB-01-AS	1043 Bathroom	0.49
					EB-01-AT	1045 Bedroom	0.52
					OA-01-A	RAMP	< 0.14

Table 4. Passive Air Sampling Analytical Results - Level 2
Community Within the Corridor - East Block

1st Round Commissioning			GC Testing	GC Testing	2nd Round Commissioning		
February 2023			April 2023	August 2023	March 2024		
Sample ID	Sample Location	TCE Reading ($\mu g/m^3$)	TCE Reading ($\mu g/m^3$)	TCE Reading ($\mu g/m^3$)	Sample ID	Sample Location	TCE Reading ($\mu g/m^3$)
EB-02-B	Stair 8	0.22	< 0.6	< 0.6			
EB-02-C	Elevator 3	0.14			EB-02-C	Elevator 3	< 0.14
EB-02-D	2110	0.14					
EB-02-E	2078	0.17					
EB-02-F	Laundry - 2099	0.13					
EB-02-G	2096	0.14					
EB-02-H	2091	0.18					
EB-02-I							
EB-02-J	Elevator 2	0.19			EB-02-B	Elevator 2	0.22
EB-02-K	2060	0.60	< 0.6				
EB-02-L	Stair 5	1.6			EB-02-G	Stair 5	< 0.14
EB-02-M	2062	0.31	< 0.6	< 0.6			
EB-02-N	2047	4.6			EB-02-L	2047	0.38
EB-02-O	2044	0.84	< 0.6	< 0.6	EB-02-J	2044	< 0.14
EB-02-P	2038	2.7			EB-02-H	2038	0.21
EB-02-Q	2039	1.4	2.5	< 0.6	EB-02-I	2039	< 0.14
EB-02-R	Stair 3	2.0	0.60		EB-02-E	Stair 3	0.33
EB-02-S	2036	0.16	< 0.6	< 0.6			
EB-02-T	2027	0.39					
EB-02-U	Stair 1	0.24					
EB-02-V	Elevator 1	0.60	< 0.6		EB-02-A	Elevator 1	0.25
EB-02-W	2017	0.38	< 0.6	< 0.6			
EB-02-X	Stair 2	4.2	4.5		EB-02-D	Stair 2	< 0.14
EB-02-Y	Stair 4	1.0	12.4	< 0.6	EB-02-F	Stair 4	0.27
EB-02-Z	Stair 6	0.12	< 0.6				
					EB-02-K	2045	< 0.14
					EB-02-M	2056	0.17
					EB-02-N	2057	0.16
					EB-02-O	2077	< 0.14

Table 4. Passive Air Sampling Analytical Results - Level 3
Community Within the Corridor - East Block

1st Round Commissioning			GC Testing	GC Testing	2nd Round Commissioning		
February 2023			April 2023	August 2023	March 2024		
Sample ID	Sample Location	TCE Reading ($\mu g/m^3$)	TCE Reading ($\mu g/m^3$)	TCE Reading ($\mu g/m^3$)	Sample ID	Sample Location	TCE Reading ($\mu g/m^3$)
					EB-03-A	Elevator 1	0.22
EB-03-A	Stair 8	0.22					
EB-03-B	Elevator 3	0.15			EB-03-C	Elevator 3	< 0.14
EB-03-C	3099	0.13					
EB-03-D	3092	0.11	< 0.6	< 0.6			
EB-03-E	Stair 7	0.11					
EB-03-F	3078	0.13					
EB-03-G	Elevator 2	0.15			EB-03-B	Elevator 2	< 0.14
EB-03-H	3075	0.18					
EB-03-I	3060	0.38					
EB-03-J	3061	0.46	< 0.6	< 0.6			
EB-03-K	3047	0.65			EB-03-G	3047	0.53
EB-03-L	Stair 3	1.3			EB-03-E	Stair 3	0.25
EB-03-M	Stair 2	4.0	3.4	< 0.6	EB-03-D	Stair 2	< 0.14
EB-03-N	3038	0.94			EB-03-F	3038	0.20
EB-03-O	3027	0.58					
EB-03-Q	3017	0.46	< 0.6	< 0.6			
EB-03-R	Stair 1	0.20					
EB-03-S	Stair 6	0.11					
EB-03-T	Stair 4	0.85	11.2	< 0.6	EB-03-H	Stair 4	0.24

Table 5. Blower Exhaust Sampling Analytical Results
Community Within the Corridor - East Block
Monday, March 11, 2024

Blower No.	Blower Type	Time	Pipe Diameter (in)	Velocity (ft/min)	Flow Rate (cfm)	TCE Reading ($\mu g/m^3$)	TCE Removal (lbs/week)
Blower 1	GBR 123	9:33	4	1988	173	0.9	0.000098
Blower 2	GBR 123	9:41	4	2540	222	10.1	0.0014
Blower 2A	GBR 123	9:49	4	1969	172	12.3	0.0013
Blowers 3 & 4	Fliteway	11:19	6	4003	786	2.6	0.0013
Blower 5	GBR 123	10:01	4	5158	450	320.1	0.091
Blower 6	GBR 89	10:31	4	2944	257	1.7	0.00027
Blower 7	GBR 89	10:38	4	2164	189	9.9	0.0012
Blower 8	GBR 89	11:11	4	1700	148	13.7	0.0013
Blower 9	GBR 89	10:45	4	2197	192	64.2	0.0077
Blower 10	GBR 123	10:11	4	5197	454	565.3	0.16
Blower 11	GBR 89	10:19	4	2697	235	55.6	0.0082
				Totals	**3278**	---	**0.27**

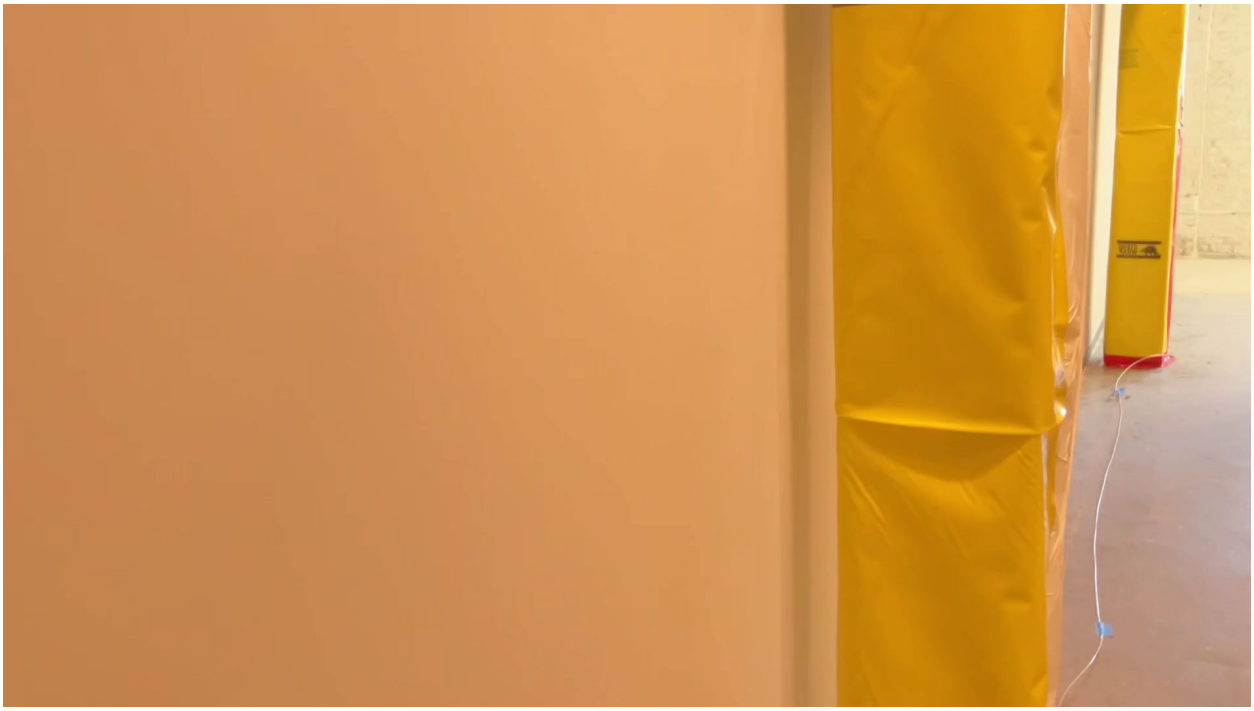
KSingh | Engineers Scientists Consultants

ATTACHMENTS

ATTACHMENT A

Photographs of Vapor Barrier Application and Sealing of Columns

Picture 1. Vapor Barrier Sealed Column located in the bedroom of Unit 1043



Picture 2. Vapor Barrier Sealed Columns located in hallway of Unit 1045

Picture 3. Vapor Barrier Sealed Column located in 1052 Mechanical Room

Picture 4. Vapor Barrier Sealed Column located in the bathroom of Unit 1050

ATTACHMENT B

Passive Sampler Deployment and Retrieval Log

Attachment B. Commissioning Log
Passive Samplers - Level 1
Community Within the Corridor - East Block

No.	Name	Location	Date Deployed	Time Deployed	Sampler Location	Date Retrieved	Time Retrieved	Sample Label #	Initials
1	EB-01-A	N. Mechanical Room	3/14/2024	10:04	String	21-Mar	11:52	RD469	SR
2	EB-01-B	Stairwell 8	3/14/2024	10:07	String	21-Mar	11:50	RD468	SR
3	EB-01-C	Elevator 3	3/14/2024	10:05	String	21-Mar	11:49	RD467	SR
4	EB-01-D	NW Garage	3/14/2024	10:08	String	21-Mar	11:40	RD464	SR
5	EB-01-E	E Garage	3/14/2024	10:22	String	21-Mar	11:37	RD463	SR
6	EB-01-F	Elevator 1	3/14/2024	12:36	String	21-Mar	10:01	RI697	SR
7	EB-01-G	SW Garage	3/14/2024	10:31	String	21-Mar	11:26	RD461	SR
8	EB-01-H	Elevator 2	3/14/2024	10:27	String	21-Mar	11:32	RD458	SR
9	EB-01-I	1055	3/14/2024	11:03	String	21-Mar	11:15	RD457	SR
10	EB-01-J	Gym	3/14/2024	10:38	String	21-Mar	11:59	RD470	SR
11	EB-01-K	SE Gym	3/14/2024	10:40	String	21-Mar	12:03	RD472	SR
12	EB-01-L	Stairwell 6	3/14/2024	10:28	String	21-Mar	11:34	RD459	SR
13	EB-01-M	1042	3/14/2024	11:49	String	21-Mar	10:27	RM608	SR
14	EB-01-N	1046	3/14/2024	11:27	String	21-Mar	10:44	RM614	SR
15	EB-01-O	1039	3/14/2024	12:10	String	21-Mar	10:16	RM604	SR
16	EB-01-P	1036	3/14/2024	12:24	String	21-Mar	10:10	RI701	SR
17	EB-01-Q	1027A	3/14/2024	12:32	String	21-Mar	10:04	RI698	SR
18	EB-01-R	1001	3/14/2024	12:38	String	21-Mar	9:45	RI696	SR

Attachment B. Commissioning Log
Passive Samplers - Level 1
Community Within the Corridor - East Block

No.	Name	Location	Date Deployed	Time Deployed	Sampler Location	Date Retrieved	Time Retrieved	Sample Label #	Initials
19	EB-01-S	Stairwell 1	3/14/2024	12:35	String	21-Mar	9:41	RI695	SR
20	EB-01-T	Stairwell 2	3/14/2024	11:52	String	21-Mar	10:54	RM618	SR
21	EB-01-U	Stairwell 4	3/14/2024	11:00	String	21-Mar	11:11	RM624	SR
22	EB-01-V	Stairwell 3	3/14/2024	12:14	String	21-Mar	10:56	RM619	SR
23	EB-01-W	1051	3/14/2024	11:08	String	21-Mar	11:08	RM623	SR
24	EB-01-X	1050	3/14/2024	9:12	String	21-Mar	10:46	RM615	SR
25	EB-01-Y	1045	3/14/2024	9:10	String	21-Mar	10:38	RM612	SR
26	EB-01-Z	1044	3/14/2024	11:26	String	21-Mar	10:35	RM611	SR
27	EB-01-AA	1043	3/14/2024	11:34	String	21-Mar	10:29	RM609	SR
28	EB-01-AB	1041	3/14/2024	11:58	String	21-Mar	10:24	RM607	SR
29	EB-01-AC	1040	3/14/2024	12:04	String	21-Mar	10:21	RM606	SR
30	EB-01-AD	1037	3/14/2024	12:19	String	21-Mar	10:13	RI702	SR
31	EB-01-AE	1038	3/14/2024	12:00	String	21-Mar	10:19	RM605	SR
32	EB-01-AF	1026	3/14/2024	12:30	String	21-Mar	10:06	RI700	SR
33	EB-01-AG	1047	3/14/2024	11:19	String	21-Mar	10:51	RM617	SR
34	EB-01-AH	Stairwell 5	3/14/2024	10:33	String	21-Mar	11:19	RD462	SR
35	EB-01-AI	Stairwell 7	3/14/2024	10:12	String	21-Mar	11:45	RD466	SR
36	EB-01-AJ	1049	3/14/2024	11:13	String	21-Mar	11:04	RM622	SR

Attachment B. Commissioning Log
Passive Samplers - Level 1
Community Within the Corridor - East Block

No.	Name	Location	Date Deployed	Time Deployed	Sampler Location	Date Retrieved	Time Retrieved	Sample Label #	Initials
37	EB-01-AK	1056	3/14/2024	11:17	Taped to Meter Bank	21-Mar	11:01	RM621	SR
38	EB-01-AL	1048	3/14/2024	12:45	String	21-Mar	11:00	RM620	SR
39	OA-01-A	Ramp	3/14/2024	10:21	String	21-Mar	12:18	RD474	SR
Post-Commissioning Plan Additions									
40	EB-01-AM	SW Garage West Wall	3/14/2024	10:32	String	21-Mar	11:24	RD460	SR
41	EB-01-AN	NW Garage West Wall	3/14/2024	10:10	String	21-Mar	11:43	RD465	SR
42	EB-01-AO	Building 3A main floor	3/14/2024	14:17	String	21-Mar	12:13	RD475	SR
43	EB-01-AP	Basketball Court Center	3/14/2024	10:39	String	21-Mar	12:01	RD471	SR
44	EB-01-AQ	Basketball Court SE Corner	3/14/2024	10:41	String	21-Mar	12:05	RD473	SR
45	EB-01-AR	1050 Column	3/14/2024	9:20	Column	21-Mar	10:48	RM616	SR
46	EB-01-AS	1043 Bathroom	3/14/2024	11:36	Sink Counter	21-Mar	10:32	RM610	SR
47	EB-01-AT	1045 N Wall	3/14/2024	9:22	Wall	21-Mar	10:40	RM613	SR

Attachment B. Commissioning Log
Passive Samplers - Level 2
Community Within the Corridor - East Block

No.	Name	Location	Date Deployed	Time Deployed	Sampler Location	Date Retrieved	Time Retrieved	Sample Label #	Initials
1	EB-02-A	Elevator 1	3/14/2024	8:31	String	21-Mar	8:43	SD231	SR
2	EB-02-B	Elevator 2	3/14/2024	9:40	String	21-Mar	9:15	RI692	SR
3	EB-02-C	Elevator 3	3/14/2024	9:50	String	21-Mar	9:20	RI694	SR
4	EB-02-D	Stairwell 2	3/14/2024	8:37	String	21-Mar	8:53	SD234	SR
5	EB-02-E	Stairwell 3	3/14/2024	8:39	String	21-Mar	8:55	SD235	SR
6	EB-02-F	Stairwell 4	3/14/2024	8:55	String	21-Mar	9:09	RI705	SR
7	EB-02-G	Stairwell 5	3/14/2024	9:34	String	21-Mar	9:12	RI691	SR
8	EB-02-H	2038	3/14/2024	8:35	String	21-Mar	8:51	SD233	SR
9	EB-02-I	2039	3/14/2024	8:34	Closet Door	21-Mar	8:47	SD232	SR
10	EB-02-J	2044	3/14/2024	8:44	Closet Door	21-Mar	8:57	SD236	SR
11	EB-02-K	2045	3/14/2024	8:47	String	21-Mar	9:00	SD237	SR
12	EB-02-L	2047	3/14/2024	8:51	String	21-Mar	9:05	SD239	SR
13	EB-02-M	2056	3/14/2024	8:50	String	21-Mar	9:03	SD238	SR
14	EB-02-N	2057	3/14/2024	8:53	Door	21-Mar	9:07	SD240	SR
15	EB-02-O	2077	3/14/2024	9:43	String	21-Mar	9:17	RI693	SR

Attachment B. Commissioning Log
Passive Samplers - Level 3
Community Within the Corridor - East Block

No.	Name	Location	Date Deployed	Time Deployed	Sampler Location	Date Retrieved	Time Retrieved	Sample Label #	Initials
1	EB-03-A	Elevator 1	3/14/2024	8:18	String	21-Mar	8:12	SD223	SR
2	EB-03-B	Elevator 2	3/14/2024	8:45	String	21-Mar	8:28	SD229	SR
3	EB-03-C	Elevator 3	3/14/2024	8:48	String	21-Mar	8:34	SD230	SR
4	EB-03-D	Stairwell 2	3/14/2024	8:27	String	21-Mar	8:19	SD225	SR
5	EB-03-E	Stairwell 3	3/14/2024	8:29	String	21-Mar	8:21	SD226	SR
6	EB-03-F	3039	3/14/2024	8:24	String	21-Mar	8:15	SD224	SR
7	EB-03-G	3058	3/14/2024	8:35	String	21-Mar	8:24	SD227	SR
8	EB-03-H	Stairwell 4	3/14/2024	8:40	String	21-Mar	8:25	SD228	SR

Attachment B. Commissioning Log
Passive Samplers - Manholes
Community Within the Corridor - East Block

No.	Name	Location	Date Deployed	Time Deployed	Sampler Location	Date Retrieved	Time Retrieved	Sample Label #	Initials
1	IA-1	Sanitary Manhole 25	3/14/2024	14:58	String	21-Mar	7:50	SD222	SR
2	IA-2	Sanitary Manhole 26	3/14/2024	14:50	String	21-Mar	7:47	SD221	SR
3	IA-3	Sanitary Manhole 19	3/14/2024	14:30	String	21-Mar	7:41	SD220	SR

ATTACHMENT C

Photographs of Passive Sampler Placement

Picture 1 – Location of the Passive Sampler EB-01-I in Unit 1055

Picture 2 – Passive sampler EB-01-AP location in the Center of the Basketball Court

Picture 3 – Placement of Passive Sampler EB-02-A outside Elevator 1 on 2nd Floor

ATTACHMENT D

Passive Indoor Air Sampling Analytical Laboratory Reports

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Passive Sorbent Chain of Custody

Page ____ of ____

Case Seal #: _____

WO# 2403614

Company: K Singh & Associates | Project #: T0441B | P.O. #: _____

Project Manager: Pratap Singh | Project Name: CWC EB

Contact phone/email: (209)-821-1171 | Collected by: Sam Ramirez

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)	Sample Matrix (check one): Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ( )	Analysis Requested	Sample Comments:
01A	RD469	EB-01-A	03/14/24	10:04	03/21/24	11:52	X				TCE, PCE, VC	
02A	RD468	EB-01-B	03/14/24	10:07		11:50	X					
03A	RD467	EB-01-C	03/14/24	10:05		11:49	X					
04A	RD464	EB-01-D	03/14/24	10:08		11:40	X					
05A	RD463	EB-01-E	03/14/24	10:22		11:37	X					
06A	RI697	EB-01-F	03/14/24	12:36		10:01	X					
07A	RD461	EB-01-G	03/14/24	10:31		11:26	X					
08A	RD458	EB-01-H	03/14/24	10:27		11:32	X					
09A	RD457	EB-01-I	03/14/24	11:03		11:15	X					
10A	RD470	EB-01-J	03/14/24	10:38		11:54	X					
11A	RD472	EB-01-K	03/14/24	10:40		12:03	X					
12A	RD454	EB-01-L	03/14/24	10:28		11:34	X					
13A	RM608	EB-01-M	03/14/24	11:49		10:27	X					
14A	RM614	EB-01-N	03/14/24	11:27		10:44	X					

Reporting Units (circle): ppbv, µg/m3, ppmv, mg/m3, µg, ng

Turn Around Time: ☒ Normal ☐ Rush _____ Specify

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
[signature]	3/21	15:30	[signature]	3/25/24	9:43	
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	

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: Fedex	Custody Seals Intact?	Yes	No	None	Sample Condition Upon Receipt: (circle)	Good	SDR
Air Bill #:	Temperature (°C) NG						

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3/27/2024
Mr. Robert Reineke
K Singh & Associates
3636 N 124th St

Wauwatosa WI 53222

Project Name: CWC EB
Project #: 40441B
Workorder #: 2403614A

Dear Mr. Robert Reineke

The following report includes the data for the above referenced project for sample(s) received on 3/25/2024 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

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WORK ORDER #: 2403614A

Work Order Summary

CLIENT:	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222	**BILL TO:**	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	40441B CWC EB
DATE RECEIVED:	03/25/2024	**CONTACT:**	Jade White
DATE COMPLETED:	03/27/2024		

FRACTION #	NAME	TEST
01A	RD469	Passive S.E. RAD130/SKC
02A	RD468	Passive S.E. RAD130/SKC
03A	RD467	Passive S.E. RAD130/SKC
04A	RD464	Passive S.E. RAD130/SKC
05A	RD463	Passive S.E. RAD130/SKC
06A	RI697	Passive S.E. RAD130/SKC
07A	RD461	Passive S.E. RAD130/SKC
08A	RD458	Passive S.E. RAD130/SKC
09A	RD457	Passive S.E. RAD130/SKC
10A	RD470	Passive S.E. RAD130/SKC
11A	RD472	Passive S.E. RAD130/SKC
12A	RD454	Passive S.E. RAD130/SKC
13A	RM608	Passive S.E. RAD130/SKC
14A	RM614	Passive S.E. RAD130/SKC
15A	Lab Blank	Passive S.E. RAD130/SKC
16A	CCV	Passive S.E. RAD130/SKC
17A	LCS	Passive S.E. RAD130/SKC
17AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY: Heidi Hayes DATE: 03/27/24

Technical Director

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.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
K Singh & Associates
Workorder# 2403614A

Fourteen Radiello 130 (Solvent) samples were received on March 25, 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:

Requirement	***TO-17***	***ATL Modifications***
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/m3 concentrations in the Lab Blank, a sampling duration of 10188 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

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

Client Sample ID: RD469

Lab ID#: 2403614A-01A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.83	1.2
cis-1,2-Dichloroethene	0.10	0.16	0.40 C	0.62 C

Client Sample ID: RD468

Lab ID#: 2403614A-02A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.15	0.22

Client Sample ID: RD467

Lab ID#: 2403614A-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.39	0.55
cis-1,2-Dichloroethene	0.10	0.16	0.20 C	0.31 C

Client Sample ID: RD464

Lab ID#: 2403614A-04A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.18	0.26

Client Sample ID: RD463

Lab ID#: 2403614A-05A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.11	0.15

Client Sample ID: RI697

Lab ID#: 2403614A-06A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)

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

Client Sample ID: RI697

Lab ID#: 2403614A-06A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.15	0.42	0.62
Tetrachloroethene	0.10	0.17	0.27	0.46

Client Sample ID: RD461

Lab ID#: 2403614A-07A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.24	0.34

Client Sample ID: RD458

Lab ID#: 2403614A-08A

No Detections Were Found.

Client Sample ID: RD457

Lab ID#: 2403614A-09A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.43	0.62

Client Sample ID: RD470

Lab ID#: 2403614A-10A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.25

Client Sample ID: RD472

Lab ID#: 2403614A-11A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.21	0.30

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

Client Sample ID: RD454

Lab ID#: 2403614A-12A

No Detections Were Found.

Client Sample ID: RM608

Lab ID#: 2403614A-13A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.13	0.19

Client Sample ID: RM614

Lab ID#: 2403614A-14A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.31	0.45

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Client Sample ID: RD469

Lab ID#: 2403614A-01A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032606sim**	**Date of Collection: 3/21/24 11:52:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 10:51 AM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.83	1.2
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	0.40 C	0.62 C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10188 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD468

Lab ID#: 2403614A-02A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032607sim**	**Date of Collection: 3/21/24 11:50:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 11:18 AM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.15	0.22
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10183 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RD467

Lab ID#: 2403614A-03A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032608sim**	**Date of Collection: 3/21/24 11:49:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 11:46 AM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.39	0.55
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	0.20 C	0.31 C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10184 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RD464

Lab ID#: 2403614A-04A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032609sim**	**Date of Collection: 3/21/24 11:40:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 12:13 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.18	0.26
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10172 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD463

Lab ID#: 2403614A-05A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032610sim**	**Date of Collection: 3/21/24 11:37:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 12:41 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.11	0.15
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10155 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI697

Lab ID#: 2403614A-06A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032611sim**	**Date of Collection: 3/21/24 10:01:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 01:08 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.15	0.42	0.62
Tetrachloroethene	0.10	0.17	0.27	0.46
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.34	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9925 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD461

Lab ID#: 2403614A-07A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032612sim**	**Date of Collection: 3/21/24 11:26:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 01:36 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.24	0.34
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10135 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RD458

Lab ID#: 2403614A-08A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032613sim**	**Date of Collection: 3/21/24 11:32:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 02:04 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10145 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD457

Lab ID#: 2403614A-09A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032614sim**	**Date of Collection: 3/21/24 11:15:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 02:31 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.43	0.62
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10092 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD470

Lab ID#: 2403614A-10A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032615sim**	**Date of Collection: 3/21/24 11:54:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 02:59 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.25
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10161 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD472

Lab ID#: 2403614A-11A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032616sim**	**Date of Collection: 3/21/24 12:03:00 PM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 03:27 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.21	0.30
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10163 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD454

Lab ID#: 2403614A-12A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032617sim**	**Date of Collection: 3/21/24 11:34:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 03:54 PM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10146 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM608

Lab ID#: 2403614A-13A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032618sim**	**Date of Collection: 3/21/24 10:27:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 04:22 PM**
		Date of Extraction: 3/26/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.13	0.19
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9998 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM614

Lab ID#: 2403614A-14A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032619sim**	**Date of Collection: 3/21/24 10:44:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 04:49 PM**
		Date of Extraction: 3/26/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.31	0.45
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10037 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: Lab Blank

Lab ID#: 2403614A-15A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032605sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 09:42 AM**	
		Date of Extraction: 3/26/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10188 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: CCV

Lab ID#: 2403614A-16A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032602sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 08:20 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	87
Tetrachloroethene	86
cis-1,2-Dichloroethene	89
trans-1,2-Dichloroethene	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

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Client Sample ID: LCS

Lab ID#: 2403614A-17A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032603sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 08:48 AM**	
		Date of Extraction: 3/26/24	

Compound	%Recovery	Method Limits
Trichloroethene	104	70-130
Tetrachloroethene	98	70-130
cis-1,2-Dichloroethene	101	70-130
trans-1,2-Dichloroethene	109	70-130

Container Type: NA - Not Applicable

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

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Client Sample ID: LCSD

Lab ID#: 2403614A-17AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032604sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/24 09:15 AM**	
		Date of Extraction: 3/26/24	

Compound	%Recovery	Method Limits
Trichloroethene	104	70-130
Tetrachloroethene	98	70-130
cis-1,2-Dichloroethene	104	70-130
trans-1,2-Dichloroethene	111	70-130

Container Type: NA - Not Applicable

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

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Passive Sorbent Chain of Custody

Page ____ of ____

WO# 23h614 2403 614

Case Seal #: _____

Company: K. Singh & Associates Project #: 40441B P.O. #: _____

Project Manager: Pratap Singh Project Name: CWC EB

Contact phone/email: (262)-821-1171 Collected by: Sam Ramirez

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)	Sample Matrix (check one): Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ( )	Analysis Requested	Sample Comments:
15A	RM604	EB-01-O	03/14/24	12:10	03/21/24	10:16	X				TCE, PCE, DCE	
16A	RI701	EB-01-P	03/14/24	12:24		10:10	X					
17A	RI698	EB-01-Q	03/14/24	12:32		10:04	X					
18A	RI696	EB-01-R	03/14/24	12:38		9:45	X					
19A	RI695	EB-01-S	03/14/24	12:35		9:41	X					
20A	RM618	EB-01-T	03/14/24	11:52		10:54	X					
21A	RM624	EB-01-U	03/14/24	11:00		11:11	X					
22A	RM619	EB-01-V	03/14/24	12:14		10:56	X					
23A	RM623	EB-01-W	03/14/24	11:08		11:08	X					
24A	RM615	EB-01-X	03/14/24	9:12		10:46	X					
25A	RM612	EB-01-Y	03/14/24	9:10		10:38	X					
26A	RM611	EB-01-Z	03/14/24	11:26		10:35	X					
27A	RM609	EB-01-AA	03/14/24	11:34		10:29	X					
28A	RM607	EB-01-AB	03/14/24	11:58		10:24	X					

Reporting Units (circle): ppbv, µg/m3, ppmv, mg/m3, µg, ng

Turn Around Time: ☒ Normal ☐ Rush _____ Specify

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
[signature]	3/21	15:30	[signature] EAA	3/25/24	9:43	
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	

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: Fedex Air Bill #:

Custody Seals Intact? Yes No (None) Temperature (°C) N/a

Sample Condition Upon Receipt: (circle) (Good) SDR

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3/29/2024
Mr. Robert Reineke
K Singh & Associates
3636 N 124th St

Wauwatosa WI 53222

Project Name: CWC EB
Project #: 40441B
Workorder #: 2403614B

Dear Mr. Robert Reineke

The following report includes the data for the above referenced project for sample(s) received on 3/25/2024 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

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WORK ORDER #: 2403614B

Work Order Summary

CLIENT:	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222	**BILL TO:**	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	40441B CWC EB
DATE RECEIVED:	03/25/2024	**CONTACT:**	Jade White
DATE COMPLETED:	03/29/2024		

FRACTION #	NAME	TEST
15A	RM604	Passive S.E. RAD130/SKC
16A	RI701	Passive S.E. RAD130/SKC
17A	RI698	Passive S.E. RAD130/SKC
18A	RI696	Passive S.E. RAD130/SKC
19A	RI695	Passive S.E. RAD130/SKC
20A	RM618	Passive S.E. RAD130/SKC
21A	RM624	Passive S.E. RAD130/SKC
22A	RM619	Passive S.E. RAD130/SKC
23A	RM623	Passive S.E. RAD130/SKC
24A	RM615	Passive S.E. RAD130/SKC
25A	RM612	Passive S.E. RAD130/SKC
26A	RM611	Passive S.E. RAD130/SKC
27A	RM609	Passive S.E. RAD130/SKC
28A	RM607	Passive S.E. RAD130/SKC
29A	Lab Blank	Passive S.E. RAD130/SKC
30A	CCV	Passive S.E. RAD130/SKC
31A	LCS	Passive S.E. RAD130/SKC
31AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY: Heidi Hayes DATE: 03/29/24

Technical Director

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.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
K Singh & Associates
Workorder# 2403614B

Fourteen Radiello 130 (Solvent) samples were received on March 25, 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:

Requirement	***TO-17***	***ATL Modifications***
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/m3 concentrations in the Lab Blank, a sampling duration of 10174 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

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

Client Sample ID: RM604

Lab ID#: 2403614B-15A

No Detections Were Found.

Client Sample ID: RI701

Lab ID#: 2403614B-16A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.22	0.32
Tetrachloroethene	0.10	0.17	0.12	0.20

Client Sample ID: RI698

Lab ID#: 2403614B-17A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.36	0.52
Tetrachloroethene	0.10	0.17	0.19	0.33

Client Sample ID: RI696

Lab ID#: 2403614B-18A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.15	0.53	0.78
Tetrachloroethene	0.10	0.17	0.37	0.63

Client Sample ID: RI695

Lab ID#: 2403614B-19A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
trans-1,2-Dichloroethene	0.20	0.34	0.36 C	0.60 C

Client Sample ID: RM618

Lab ID#: 2403614B-20A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
trans-1,2-Dichloroethene	0.20	0.33	0.20 C	0.33 C

eurofins | Air Toxics

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

Client Sample ID: RM624

Lab ID#: 2403614B-21A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.20	0.28

Client Sample ID: RM619

Lab ID#: 2403614B-22A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.30	0.44

Client Sample ID: RM623

Lab ID#: 2403614B-23A

No Detections Were Found.

Client Sample ID: RM615

Lab ID#: 2403614B-24A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.21	0.30

Client Sample ID: RM612

Lab ID#: 2403614B-25A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.30	0.43

Client Sample ID: RM611

Lab ID#: 2403614B-26A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.41	0.60

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

Client Sample ID: RM609

Lab ID#: 2403614B-27A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.33	0.48

Client Sample ID: RM607

Lab ID#: 2403614B-28A

No Detections Were Found.

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Client Sample ID: RM604

Lab ID#: 2403614B-15A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032706sim**	**Date of Collection: 3/21/24 10:16:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 10:09 AM**
		Date of Extraction: 3/27/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9966 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI701

Lab ID#: 2403614B-16A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032707sim**	**Date of Collection: 3/21/24 10:10:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 10:36 AM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.22	0.32
Tetrachloroethene	0.10	0.17	0.12	0.20
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.34	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9946 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI698

Lab ID#: 2403614B-17A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032708sim**	**Date of Collection: 3/21/24 10:04:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 11:04 AM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.36	0.52
Tetrachloroethene	0.10	0.17	0.19	0.33
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.34	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9932 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI696

Lab ID#: 2403614B-18A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032709sim**	**Date of Collection: 3/21/24 9:45:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 11:31 AM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.15	0.53	0.78
Tetrachloroethene	0.10	0.17	0.37	0.63
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.34	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9907 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI695

Lab ID#: 2403614B-19A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032710sim**	**Date of Collection: 3/21/24 9:41:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 11:58 AM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.15	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.34	0.36 C	0.60 C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9906 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM618

Lab ID#: 2403614B-20A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032711sim**	**Date of Collection: 3/21/24 10:54:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 12:26 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	0.20 C	0.33 C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10022 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM624

Lab ID#: 2403614B-21A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032712sim**	**Date of Collection: 3/21/24 11:11:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 12:53 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.20	0.28
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10091 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM619

Lab ID#: 2403614B-22A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032713sim**	**Date of Collection: 3/21/24 10:56:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 01:20 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.30	0.44
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10002 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM623

Lab ID#: 2403614B-23A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032714sim**	**Date of Collection: 3/21/24 11:08:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 01:47 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10080 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RM615

Lab ID#: 2403614B-24A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032715sim**	**Date of Collection: 3/21/24 10:46:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 02:15 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.21	0.30
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10174 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM612

Lab ID#: 2403614B-25A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032716sim**	**Date of Collection: 3/21/24 10:38:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 02:42 PM**
		Date of Extraction: 3/27/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.30	0.43
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10168 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RM611

Lab ID#: 2403614B-26A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032717sim**	**Date of Collection: 3/21/24 10:35:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 03:10 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.41	0.60
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10029 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RM609

Lab ID#: 2403614B-27A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032718sim**	**Date of Collection: 3/21/24 10:29:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 03:37 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.33	0.48
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10015 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM607

Lab ID#: 2403614B-28A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032719sim**	**Date of Collection: 3/21/24 10:24:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 04:04 PM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9986 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: Lab Blank

Lab ID#: 2403614B-29A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032705sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 09:33 AM**	
		Date of Extraction: 3/27/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10174 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: CCV

Lab ID#: 2403614B-30A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032702sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 08:10 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	83
Tetrachloroethene	85
cis-1,2-Dichloroethene	83
trans-1,2-Dichloroethene	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	85	70-130

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Client Sample ID: LCS

Lab ID#: 2403614B-31A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032703sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 08:37 AM**	
		Date of Extraction: 3/27/24	

Compound	%Recovery	Method Limits
Trichloroethene	80	70-130
Tetrachloroethene	76	70-130
cis-1,2-Dichloroethene	78	70-130
trans-1,2-Dichloroethene	86	70-130

Container Type: NA - Not Applicable

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

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Client Sample ID: LCSD

Lab ID#: 2403614B-31AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032704sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/27/24 09:04 AM**	
		Date of Extraction: 3/27/24	

Compound	%Recovery	Method Limits
Trichloroethene	80	70-130
Tetrachloroethene	75	70-130
cis-1,2-Dichloroethene	77	70-130
trans-1,2-Dichloroethene	83	70-130

Container Type: NA - Not Applicable

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

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Passive Sorbent Chain of Custody

Page ____ of ____

Case Seal #: _____

WO# 2403 ~~2304~~ 6014 rev 3/14/24

Company: KS Singh

Project #: 40441B

P.O. #: _____

Project Manager: Pratap Singh

Project Name: CWC EB

Contact phone/email: (262)-821-1171

Collected by: Sam Ramirez

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)	Sample Matrix (check one): Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ( )	Analysis Requested	Sample Comments:
29A	RM606	EB-01-AC	03/14/24	12:04	03/21/24	10:21	X				TCE, PCE, DCE	
30A	RI702	EB-01-AD	03/14/24	12:19		10:13	X					
31A	RM605	EB-01-AE	03/14/24	12:00		10:19	X					
32A	RI700	EB-01-AF	03/14/24	12:30		10:06	X					
33A	RM617	EB-01-AG	03/14/24	11:19		10:51	X					
34A	RD462	EB-01-AH	03/14/24	10:33		11:29	X					
35A	RD466	EB-01-AI	03/14/24	10:12		11:45	X					
36A	RM622	EB-01-AJ	03/14/24	11:13		11:04	X					
37A	RM621	EB-01-AK	03/14/24	11:17		11:01	X					
38A	RM620	EB-01-AL	03/14/24	12:45		11:00	X					
39A	RD4[illegible]74	OA-01-A	03/14/24	10:21		12:18	X					
40A	RD46[illegible]0	EB-01-AM	03/14/24	10:32		11:24	X					
41A	RD4[illegible]65	EB-01-AN	03/14/24	10:10		11:43	X					
42A	RD47[illegible]5	EB-01-AO	03/14/24	14:17		12:13	X					

Reporting Units (circle): ppbv, µg/m3, ppmv, mg/m3, µg, ng

Turn Around Time: ☒ Normal ☐ Rush _____ Specify

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
[signature]	3/21	15:30	[signature] FedEx	3/25/24	9:43	
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	

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: Fedex

Air Bill #:

Custody Seals Intact? Yes No (None)

Temperature (°C) NA

Sample Condition Upon Receipt: (circle) (Good) SDR

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4/1/2024
Mr. Robert Reineke
K Singh & Associates
3636 N 124th St

Wauwatosa WI 53222

Project Name: CWC EB
Project #: 40441B
Workorder #: 2403614C

Dear Mr. Robert Reineke

The following report includes the data for the above referenced project for sample(s) received on 3/25/2024 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

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WORK ORDER #: 2403614C

Work Order Summary

CLIENT:	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222	**BILL TO:**	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	40441B CWC EB
DATE RECEIVED:	03/25/2024	**CONTACT:**	Jade White
DATE COMPLETED:	04/01/2024		

FRACTION #	NAME	TEST
29A	RM606	Passive S.E. RAD130/SKC
30A	RI702	Passive S.E. RAD130/SKC
31A	RM605	Passive S.E. RAD130/SKC
32A	RI700	Passive S.E. RAD130/SKC
33A	RM617	Passive S.E. RAD130/SKC
34A	RD462	Passive S.E. RAD130/SKC
35A	RD466	Passive S.E. RAD130/SKC
36A	RM622	Passive S.E. RAD130/SKC
37A	RM621	Passive S.E. RAD130/SKC
38A	RM620	Passive S.E. RAD130/SKC
39A	RD474	Passive S.E. RAD130/SKC
40A	RD460	Passive S.E. RAD130/SKC
41A	RD465	Passive S.E. RAD130/SKC
42A	RD475	Passive S.E. RAD130/SKC
43A	Lab Blank	Passive S.E. RAD130/SKC
44A	CCV	Passive S.E. RAD130/SKC
45A	LCS	Passive S.E. RAD130/SKC
45AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY:  DATE: 04/01/24

Technical Director

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.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
K Singh & Associates
Workorder# 2403614C

Fourteen Radiello 130 (Solvent) samples were received on March 25, 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:

Requirement	***TO-17***	***ATL Modifications***
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/m3 concentrations in the Lab Blank, a sampling duration of 10197 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

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

Client Sample ID: RM606

Lab ID#: 2403614C-29A

No Detections Were Found.

Client Sample ID: RI702

Lab ID#: 2403614C-30A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.35	0.50

Client Sample ID: RM605

Lab ID#: 2403614C-31A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.16	0.24

Client Sample ID: RI700

Lab ID#: 2403614C-32A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.16	0.23
Tetrachloroethene	0.10	0.17	0.14	0.24

Client Sample ID: RM617

Lab ID#: 2403614C-33A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.29	0.42

Client Sample ID: RD462

Lab ID#: 2403614C-34A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.11	0.15
trans-1,2-Dichloroethene	0.20	0.33	0.22 C	0.36 C

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

Client Sample ID: RD466

Lab ID#: 2403614C-35A

No Detections Were Found.

Client Sample ID: RM622

Lab ID#: 2403614C-36A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.60	0.87

Client Sample ID: RM621

Lab ID#: 2403614C-37A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.82	1.2

Client Sample ID: RM620

Lab ID#: 2403614C-38A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.25

Client Sample ID: RD474

Lab ID#: 2403614C-39A

No Detections Were Found.

Client Sample ID: RD460

Lab ID#: 2403614C-40A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.21	0.31

Client Sample ID: RD465

Lab ID#: 2403614C-41A

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

Client Sample ID: RD465

Lab ID#: 2403614C-41A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.24

Client Sample ID: RD475

Lab ID#: 2403614C-42A

No Detections Were Found.

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Client Sample ID: RM606

Lab ID#: 2403614C-29A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032811sim**	**Date of Collection: 3/21/24 10:21:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 12:20 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9977 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI702

Lab ID#: 2403614C-30A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032812sim**	**Date of Collection: 3/21/24 10:13:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 12:47 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.35	0.50
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9954 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RM605

Lab ID#: 2403614C-31A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032813sim**	**Date of Collection: 3/21/24 10:19:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 01:15 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.16	0.24
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9979 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RI700

Lab ID#: 2403614C-32A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032814sim**	**Date of Collection: 3/21/24 10:06:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 01:43 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.16	0.23
Tetrachloroethene	0.10	0.17	0.14	0.24
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.34	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9936 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM617

Lab ID#: 2403614C-33A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032815sim**	**Date of Collection: 3/21/24 10:51:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 02:11 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.29	0.42
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10052 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD462

Lab ID#: 2403614C-34A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032816sim**	**Date of Collection: 3/21/24 11:29:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 02:39 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.11	0.15
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	0.22 C	0.36 C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10136 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD466

Lab ID#: 2403614C-35A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032817sim**	**Date of Collection: 3/21/24 11:45:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 03:07 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10173 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM622

Lab ID#: 2403614C-36A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032818sim**	**Date of Collection: 3/21/24 11:04:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 03:34 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.60	0.87
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10071 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM621

Lab ID#: 2403614C-37A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032819sim**	**Date of Collection: 3/21/24 11:01:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 04:02 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.82	1.2
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10064 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: RM620

Lab ID#: 2403614C-38A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032820sim**	**Date of Collection: 3/21/24 11:00:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 04:30 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.25
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9975 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD474

Lab ID#: 2403614C-39A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032821sim**	**Date of Collection: 3/21/24 12:18:00 PM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 04:58 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10197 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD460

Lab ID#: 2403614C-40A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032822sim**	**Date of Collection: 3/21/24 11:24:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 05:26 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.21	0.31
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10132 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD465

Lab ID#: 2403614C-41A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032823sim**	**Date of Collection: 3/21/24 11:43:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 05:54 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.24
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10173 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD475

Lab ID#: 2403614C-42A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032824sim**	**Date of Collection: 3/21/24 12:13:00 PM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 06:21 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 9956 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: Lab Blank

Lab ID#: 2403614C-43A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032810sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 11:52 AM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10197 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: CCV

Lab ID#: 2403614C-44A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032807sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 10:26 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	85
Tetrachloroethene	82
cis-1,2-Dichloroethene	84
trans-1,2-Dichloroethene	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130

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Client Sample ID: LCS

Lab ID#: 2403614C-45A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032808sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 10:57 AM**	
		Date of Extraction: 3/28/24	

Compound	%Recovery	Method Limits
Trichloroethene	104	70-130
Tetrachloroethene	99	70-130
cis-1,2-Dichloroethene	105	70-130
trans-1,2-Dichloroethene	110	70-130

Container Type: NA - Not Applicable

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

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Client Sample ID: LCSD

Lab ID#: 2403614C-45AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032809sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 11:24 AM**	
		Date of Extraction: 3/28/24	

Compound	%Recovery	Method Limits
Trichloroethene	104	70-130
Tetrachloroethene	97	70-130
cis-1,2-Dichloroethene	101	70-130
trans-1,2-Dichloroethene	107	70-130

Container Type: NA - Not Applicable

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

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Passive Sorbent Chain of Custody

Page ____ of ____

Case Seal #: _____

WO# 2403 ~~2304~~ 0014 4 3/16/24

Company: K. Singh | Project #: 404418 | P.O. #: _____

Project Manager: Pratap Singh | Project Name: CWC EB

Contact phone/email: (262)-821-1171 | Collected by: Sam Ramirez

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)	Sample Matrix (check one): Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ( )	Reporting Units (circle): ppbv / µg/m3 / ppmv / mg/m3 / µg / ng	Turn Around Time: Normal / Rush	Analysis Requested	Sample Comments:
43A	RD471	EB-01-AP	03/14/24	10:34	03/21/24	12:01	X						TCE, PCE, DCE	
44A	RD473	EB-01-AQ		10:41		12:05	X							
45A	RM616	EB-01-AR		9:20		10:48	X							
46A	RM610	EB-01-AS		11:36		10:32	X							
47A	RM613	EB-01-AT		9:22		10:40	X							
48A	SD231	EB-02-A		8:31		8:43	X							
49A	RI692	EB-02-B		9:40		9:15	X							
50A	RI694	EB-02-C		9:50		9:20	X							
51A	SD234	EB-02-D		8:37		8:53	X							
52A	SD235	EB-02-E		8:39		8:55	X							
53A	RI705	EB-02-F		8:55		9:09	X							
54A	RI697	EB-02-G		9:34		9:12	X							
55A	SD233	EB-02-H		8:35		8:51	X							
56A	SD232	EB-02-I		8:34		8:47	X							

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
	3/21	15:30	Fedex	3/25/24	9:43	
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	

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: Fedex	Custody Seals Intact?	Yes	No	None	Sample Condition Upon Receipt: (circle)	Good	SDR
Air Bill #:	Temperature (°C) N/A						

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4/1/2024
Mr. Robert Reineke
K Singh & Associates
3636 N 124th St

Wauwatosa WI 53222

Project Name: CWC EB
Project #: 40441B
Workorder #: 2403614D

Dear Mr. Robert Reineke

The following report includes the data for the above referenced project for sample(s) received on 3/25/2024 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

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WORK ORDER #: 2403614D

Work Order Summary

CLIENT:	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222	**BILL TO:**	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	40441B CWC EB
DATE RECEIVED:	03/25/2024	**CONTACT:**	Jade White
DATE COMPLETED:	04/01/2024		

FRACTION #	NAME	TEST
43A	RD471	Passive S.E. RAD130/SKC
44A	RD473	Passive S.E. RAD130/SKC
45A	RM616	Passive S.E. RAD130/SKC
46A	RM610	Passive S.E. RAD130/SKC
47A	RM613	Passive S.E. RAD130/SKC
48A	SD231	Passive S.E. RAD130/SKC
49A	RI692	Passive S.E. RAD130/SKC
50A	RI694	Passive S.E. RAD130/SKC
51A	SD234	Passive S.E. RAD130/SKC
52A	SD235	Passive S.E. RAD130/SKC
53A	RI705	Passive S.E. RAD130/SKC
54A	RI691	Passive S.E. RAD130/SKC
55A	SD233	Passive S.E. RAD130/SKC
56A	SD232	Passive S.E. RAD130/SKC
57A	Lab Blank	Passive S.E. RAD130/SKC
58A	CCV	Passive S.E. RAD130/SKC
58B	CCV	Passive S.E. RAD130/SKC
59A	LCS	Passive S.E. RAD130/SKC
59AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY: Heidi Hayes DATE: 04/01/24

Technical Director

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
K Singh & Associates
Workorder# 2403614D

Fourteen Radiello 130 (Solvent) samples were received on March 25, 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:

Requirement	***TO-17***	***ATL Modifications***
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/m3 concentrations in the Lab Blank, a sampling duration of 10168 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

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

Client Sample ID: RD471

Lab ID#: 2403614D-43A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.27	0.38

Client Sample ID: RD473

Lab ID#: 2403614D-44A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.24	0.34

Client Sample ID: RM616

Lab ID#: 2403614D-45A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.24	0.35

Client Sample ID: RM610

Lab ID#: 2403614D-46A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.34	0.49

Client Sample ID: RM613

Lab ID#: 2403614D-47A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.36	0.52

Client Sample ID: SD231

Lab ID#: 2403614D-48A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.25
Tetrachloroethene	0.10	0.17	0.12	0.20

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

Client Sample ID: RI692

Lab ID#: 2403614D-49A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.15	0.22

Client Sample ID: RI694

Lab ID#: 2403614D-50A

No Detections Were Found.

Client Sample ID: SD234

Lab ID#: 2403614D-51A

No Detections Were Found.

Client Sample ID: SD235

Lab ID#: 2403614D-52A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.23	0.33

Client Sample ID: RI705

Lab ID#: 2403614D-53A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.19	0.27

Client Sample ID: RI691

Lab ID#: 2403614D-54A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
trans-1,2-Dichloroethene	0.20	0.33	0.26 C	0.44 C

Client Sample ID: SD233

Lab ID#: 2403614D-55A

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

Client Sample ID: SD233

Lab ID#: 2403614D-55A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.14	0.21

Client Sample ID: SD232

Lab ID#: 2403614D-56A

No Detections Were Found.

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Client Sample ID: RD471

Lab ID#: 2403614D-43A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032819sim**	**Date of Collection: 3/21/24 12:01:00 PM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 03:12 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.27	0.38
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10162 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RD473

Lab ID#: 2403614D-44A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032820sim**	**Date of Collection: 3/21/24 12:05:00 PM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 03:41 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.24	0.34
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10164 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM616

Lab ID#: 2403614D-45A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032821sim**	**Date of Collection: 3/21/24 10:48:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 04:09 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.24	0.35
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10168 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM610

Lab ID#: 2403614D-46A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032822sim**	**Date of Collection: 3/21/24 10:32:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 04:37 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.34	0.49
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10016 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RM613

Lab ID#: 2403614D-47A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032823sim**	**Date of Collection: 3/21/24 10:40:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 05:05 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.36	0.52
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10158 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD231

Lab ID#: 2403614D-48A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032824sim**	**Date of Collection: 3/21/24 8:43:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 05:34 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.25
Tetrachloroethene	0.10	0.17	0.12	0.20
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10092 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI692

Lab ID#: 2403614D-49A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032825sim**	**Date of Collection: 3/21/24 9:15:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 06:01 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.15	0.22
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10055 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: RI694

Lab ID#: 2403614D-50A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032826sim**	**Date of Collection: 3/21/24 9:20:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 06:29 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10050 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD234

Lab ID#: 2403614D-51A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032827sim**	**Date of Collection: 3/21/24 8:53:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 06:57 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10096 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD235

Lab ID#: 2403614D-52A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032828sim**	**Date of Collection: 3/21/24 8:55:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 07:25 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.23	0.33
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10096 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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Client Sample ID: RI705

Lab ID#: 2403614D-53A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032825sim**	**Date of Collection: 3/21/24 9:09:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 06:49 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.19	0.27
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10094 minutes.
Container Type: Radiello 130 (Solvent)

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

eurofins | Air Toxics

Client Sample ID: RI691

Lab ID#: 2403614D-54A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032826sim**	**Date of Collection: 3/21/24 9:12:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 07:17 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	0.26 C	0.44 C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10058 minutes.
Container Type: Radiello 130 (Solvent)

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

eurofins | Air Toxics

Client Sample ID: SD233

Lab ID#: 2403614D-55A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032827sim**	**Date of Collection: 3/21/24 8:51:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 07:44 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.14	0.21
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10096 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD232

Lab ID#: 2403614D-56A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032828sim**	**Date of Collection: 3/21/24 8:47:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 08:12 PM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10093 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: Lab Blank

Lab ID#: 2403614D-57A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032810sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 10:58 AM**	
		Date of Extraction: 3/28/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10168 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: CCV

Lab ID#: 2403614D-58A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032807sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 09:34 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	87
Tetrachloroethene	87
cis-1,2-Dichloroethene	84
trans-1,2-Dichloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	83	70-130

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Client Sample ID: CCV

Lab ID#: 2403614D-58B

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c032807sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 10:26 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	85
Tetrachloroethene	82
cis-1,2-Dichloroethene	84
trans-1,2-Dichloroethene	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130

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Client Sample ID: LCS

Lab ID#: 2403614D-59A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032808sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 10:02 AM**	
		Date of Extraction: 3/28/24	

Compound	%Recovery	Method Limits
Trichloroethene	122	70-130
Tetrachloroethene	120	70-130
cis-1,2-Dichloroethene	117	70-130
trans-1,2-Dichloroethene	118	70-130

Container Type: NA - Not Applicable

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

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Client Sample ID: LCSD

Lab ID#: 2403614D-59AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032809sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/28/24 10:29 AM**	
		Date of Extraction: 3/28/24	

Compound	%Recovery	Method Limits
Trichloroethene	124	70-130
Tetrachloroethene	119	70-130
cis-1,2-Dichloroethene	124	70-130
trans-1,2-Dichloroethene	126	70-130

Container Type: NA - Not Applicable

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

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Passive Sorbent Chain of Custody

Page ____ of ____

Case Seal #: _____

WO# 2403614

Company: KSingh | Project #: A0441B | P.O. #: _____

Project Manager: Pratap Singh | Project Name: CWC EB

Contact phone/email: (262)821-1671 | Collected by: Samuel Ramirez

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)	Sample Matrix (check one): Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ( )	Analysis Requested	Sample Comments:
57A	SD236	EB-02-J	03/14/24	8:44	03/21/24	8:57	X				TCE, PCE, DCE	
58A	SD237	EB-02-K		8:47		9:00	X					
59A	SD239	EB-02-L		8:51		9:05	X					
60A	SD238	EB-02-M		8:50		9:03	X					
61A	SD240	EB-02-N		8:53		9:07	X					
62A	RI643	EB-02-O		9:43		9:17	X					
63A	SD223	EB-03-A		8:18		8:12	X					
64A	SD229	EB-03-B		8:45		8:28	X					
65A	SD230	EB-03-C		8:48		8:34	X					
66A	SD225	EB-03-D		8:27		8:19	X					
67A	SD226	EB-03-E		8:29		8:21	X					
68A	SD224	EB-03-F		8:24		8:15	X					
69A	SD227	EB-03-G		8:35		8:24	X					
70A	SD228	EB-03-H		8:40		8:25	X					

Reporting Units (circle): ppbv, µg/m3, ppmv, mg/m3, µg, ng

Turn Around Time: [x] Normal [ ] Rush ____ Specify

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
Samuel Ramirez	3/21	15:30	Mark Spurling FedEx	3/25/24	9:43	
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	

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: FedEx	Custody Seals Intact?	Yes	No	None	Sample Condition Upon Receipt: (circle)	Good	SDR
Air Bill #:	Temperature (°C) N/A						

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4/1/2024
Mr. Robert Reineke
K Singh & Associates
3636 N 124th St

Wauwatosa WI 53222

Project Name: CWC EB
Project #: 40441B
Workorder #: 2403614E

Dear Mr. Robert Reineke

The following report includes the data for the above referenced project for sample(s) received on 3/25/2024 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

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WORK ORDER #: 2403614E

Work Order Summary

CLIENT:	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222	**BILL TO:**	Mr. Robert Reineke K Singh & Associates 3636 N 124th St Wauwatosa, WI 53222
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	40441B CWC EB
DATE RECEIVED:	03/25/2024	**CONTACT:**	Jade White
DATE COMPLETED:	04/01/2024		

FRACTION #	NAME	TEST
57A	SD236	Passive S.E. RAD130/SKC
58A	SD237	Passive S.E. RAD130/SKC
59A	SD239	Passive S.E. RAD130/SKC
60A	SD238	Passive S.E. RAD130/SKC
61A	SD240	Passive S.E. RAD130/SKC
62A	RI693	Passive S.E. RAD130/SKC
63A	SD223	Passive S.E. RAD130/SKC
64A	SD229	Passive S.E. RAD130/SKC
65A	SD230	Passive S.E. RAD130/SKC
66A	SD225	Passive S.E. RAD130/SKC
67A	SD226	Passive S.E. RAD130/SKC
68A	SD224	Passive S.E. RAD130/SKC
69A	SD227	Passive S.E. RAD130/SKC
70A	SD228	Passive S.E. RAD130/SKC
71A	Lab Blank	Passive S.E. RAD130/SKC
72A	CCV	Passive S.E. RAD130/SKC
73A	LCS	Passive S.E. RAD130/SKC
73AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY: Heidi Hayes DATE: 04/01/24

Technical Director

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.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
K Singh & Associates
Workorder# 2403614E

Fourteen Radiello 130 (Solvent) samples were received on March 25, 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:

Requirement	***TO-17***	***ATL Modifications***
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/m3 concentrations in the Lab Blank, a sampling duration of 10094 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

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

Client Sample ID: SD236

Lab ID#: 2403614E-57A

No Detections Were Found.

Client Sample ID: SD237

Lab ID#: 2403614E-58A

No Detections Were Found.

Client Sample ID: SD239

Lab ID#: 2403614E-59A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.26	0.38

Client Sample ID: SD238

Lab ID#: 2403614E-60A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.12	0.17

Client Sample ID: SD240

Lab ID#: 2403614E-61A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.11	0.16

Client Sample ID: RI693

Lab ID#: 2403614E-62A

No Detections Were Found.

Client Sample ID: SD223

Lab ID#: 2403614E-63A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.15	0.22

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

Client Sample ID: SD229

Lab ID#: 2403614E-64A

No Detections Were Found.

Client Sample ID: SD230

Lab ID#: 2403614E-65A

No Detections Were Found.

Client Sample ID: SD225

Lab ID#: 2403614E-66A

No Detections Were Found.

Client Sample ID: SD226

Lab ID#: 2403614E-67A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.18	0.25

Client Sample ID: SD224

Lab ID#: 2403614E-68A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.14	0.20

Client Sample ID: SD227

Lab ID#: 2403614E-69A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.37	0.53

Client Sample ID: SD228

Lab ID#: 2403614E-70A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.24

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Client Sample ID: SD236

Lab ID#: 2403614E-57A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032907sim**	**Date of Collection: 3/21/24 8:57:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 10:58 AM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10093 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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Client Sample ID: SD237

Lab ID#: 2403614E-58A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032908sim**	**Date of Collection: 3/21/24 9:00:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 11:25 AM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10093 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD239

Lab ID#: 2403614E-59A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032909sim**	**Date of Collection: 3/21/24 9:05:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 11:53 AM**
		Date of Extraction: 3/29/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.26	0.38
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10094 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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Client Sample ID: SD238

Lab ID#: 2403614E-60A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032910sim**	**Date of Collection: 3/21/24 9:03:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 12:20 PM**
		Date of Extraction: 3/29/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.12	0.17
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10093 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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Client Sample ID: SD240

Lab ID#: 2403614E-61A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032911sim**	**Date of Collection: 3/21/24 9:07:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 12:47 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.11	0.16
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10094 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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Client Sample ID: RI693

Lab ID#: 2403614E-62A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032912sim**	**Date of Collection: 3/21/24 9:17:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 01:15 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10054 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD223

Lab ID#: 2403614E-63A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032913sim**	**Date of Collection: 3/21/24 8:12:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 01:42 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.15	0.22
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10074 minutes.
Container Type: Radiello 130 (Solvent)

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

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Client Sample ID: SD229

Lab ID#: 2403614E-64A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032914sim**	**Date of Collection: 3/21/24 8:28:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 02:09 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10063 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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Client Sample ID: SD230

Lab ID#: 2403614E-65A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032915sim**	**Date of Collection: 3/21/24 8:34:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 02:37 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10066 minutes.
Container Type: Radiello 130 (Solvent)

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

eurofins | Air Toxics

Client Sample ID: SD225

Lab ID#: 2403614E-66A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032916sim**	**Date of Collection: 3/21/24 8:19:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 03:04 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10072 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130

eurofins | Air Toxics

Client Sample ID: SD226

Lab ID#: 2403614E-67A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032917sim**	**Date of Collection: 3/21/24 8:21:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 03:32 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.18	0.25
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10072 minutes.
Container Type: Radiello 130 (Solvent)

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

eurofins | Air Toxics

Client Sample ID: SD224

Lab ID#: 2403614E-68A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032918sim**	**Date of Collection: 3/21/24 8:15:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 03:59 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.14	0.20
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10071 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

eurofins | Air Toxics

Client Sample ID: SD227

Lab ID#: 2403614E-69A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032919sim**	**Date of Collection: 3/21/24 8:24:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 04:27 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.37	0.53
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10069 minutes.
Container Type: Radiello 130 (Solvent)

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

eurofins | Air Toxics

Client Sample ID: SD228

Lab ID#: 2403614E-70A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032920sim**	**Date of Collection: 3/21/24 8:25:00 AM**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 04:54 PM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	0.17	0.24
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10065 minutes.
Container Type: Radiello 130 (Solvent)

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

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2403614E-71A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032906sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 10:31 AM**	
		Date of Extraction: 3/29/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.14	Not Detected	Not Detected
Tetrachloroethene	0.10	0.17	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.16	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.33	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 10094 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2403614E-72A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032902sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 08:28 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	87
Tetrachloroethene	89
cis-1,2-Dichloroethene	87
trans-1,2-Dichloroethene	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2403614E-73A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032904sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 09:22 AM**	
		Date of Extraction: 3/29/24	

Compound	%Recovery	Method Limits
Trichloroethene	118	70-130
Tetrachloroethene	120	70-130
cis-1,2-Dichloroethene	105	70-130
trans-1,2-Dichloroethene	104	70-130

Container Type: NA - Not Applicable

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

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2403614E-73AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**18032905sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/29/24 09:52 AM**	
		Date of Extraction: 3/29/24	

Compound	%Recovery	Method Limits
Trichloroethene	122	70-130
Tetrachloroethene	117	70-130
cis-1,2-Dichloroethene	114	70-130
trans-1,2-Dichloroethene	115	70-130

Container Type: NA - Not Applicable

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

ATTACHMENT E

Analytical Results of Continuous Monitoring of Units 1045 and 1050

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-21 13:42:51	2024-03-21 13:42:51	1045	0	0.3558
2024-03-21 13:33:21	2024-03-21 13:33:21	1050	0	0.3251
2024-03-21 13:23:51	2024-03-21 13:23:51	1045	0	0.3851
2024-03-21 13:14:20	2024-03-21 13:14:20	1050	0	0.3308
2024-03-21 13:04:50	2024-03-21 13:04:50	1045	0	0.3811
2024-03-21 12:55:20	2024-03-21 12:55:20	1050	0	0.3592
2024-03-21 12:45:50	2024-03-21 12:45:50	1045	0	0.3826
2024-03-21 12:36:20	2024-03-21 12:36:20	1050	0	0.3733
2024-03-21 12:26:50	2024-03-21 12:26:50	1045	0	0.3951
2024-03-21 12:17:20	2024-03-21 12:17:20	1050	0	0.3729
2024-03-21 12:07:49	2024-03-21 12:07:49	1045	0	0.4041
2024-03-21 11:58:19	2024-03-21 11:58:19	1050	0	0.3786
2024-03-21 11:48:49	2024-03-21 11:48:49	1045	0	0.4143
2024-03-21 11:39:19	2024-03-21 11:39:19	1050	0	0.4073
2024-03-21 11:29:49	2024-03-21 11:29:49	1045	0	0.4393
2024-03-21 11:20:18	2024-03-21 11:20:18	1050	0	0.4232
2024-03-21 11:10:48	2024-03-21 11:10:48	1045	0	0.4410
2024-03-21 11:01:18	2024-03-21 11:01:18	1050	0	0.4412
2024-03-21 10:51:48	2024-03-21 10:51:48	1045	0	0.4600
2024-03-21 10:42:18	2024-03-21 10:42:18	1050	0	0.4533
2024-03-21 10:32:48	2024-03-21 10:32:48	1045	0	0.4618
2024-03-21 10:23:18	2024-03-21 10:23:18	1050	0	0.4629
2024-03-21 10:13:48	2024-03-21 10:13:48	1045	0	0.4664
2024-03-21 10:04:17	2024-03-21 10:04:17	1050	0	0.4653
2024-03-21 09:54:47	2024-03-21 09:54:47	1045	0	0.4657
2024-03-21 09:45:17	2024-03-21 09:45:17	1050	0	0.4931
2024-03-21 09:35:47	2024-03-21 09:35:47	1045	0	0.4991
2024-03-21 09:26:17	2024-03-21 09:26:17	1050	0	0.4953
2024-03-21 09:16:46	2024-03-21 09:16:46	1045	0	0.4951
2024-03-21 09:07:16	2024-03-21 09:07:16	1050	0	0.4858

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-21 08:57:46	2024-03-21 08:57:46	1045	0	0.5001
2024-03-21 08:48:16	2024-03-21 08:48:16	1050	0	0.4839
2024-03-21 08:38:46	2024-03-21 08:38:46	1045	0	0.4938
2024-03-21 08:29:16	2024-03-21 08:29:16	1050	0	0.4696
2024-03-21 08:19:46	2024-03-21 08:19:46	1045	0	0.4976
2024-03-21 08:10:15	2024-03-21 08:10:15	1050	0	0.4554
2024-03-21 08:00:45	2024-03-21 08:00:45	1045	0	0.5005
2024-03-21 07:51:15	2024-03-21 07:51:15	1050	0	0.4423
2024-03-21 07:41:45	2024-03-21 07:41:45	1045	0	0.4892
2024-03-21 07:32:15	2024-03-21 07:32:15	1050	0	0.4480
2024-03-21 07:22:45	2024-03-21 07:22:45	1045	0	0.5027
2024-03-21 07:13:14	2024-03-21 07:13:14	1050	0	0.4264
2024-03-21 07:03:44	2024-03-21 07:03:44	1045	0	0.4871
2024-03-21 06:54:14	2024-03-21 06:54:14	1050	0	0.4090
2024-03-21 06:44:44	2024-03-21 06:44:44	1045	0	0.4833
2024-03-21 06:35:14	2024-03-21 06:35:14	1050	0	0.3795
2024-03-21 06:25:44	2024-03-21 06:25:44	1045	0	0.4811
2024-03-21 06:16:14	2024-03-21 06:16:14	1050	0	0.3448
2024-03-21 06:06:43	2024-03-21 06:06:43	1045	0	0.4719
2024-03-21 05:57:13	2024-03-21 05:57:13	1050	0	0.3375
2024-03-21 05:47:43	2024-03-21 05:47:43	1045	0	0.4563
2024-03-21 05:38:13	2024-03-21 05:38:13	1050	0	0.3348
2024-03-21 05:28:43	2024-03-21 05:28:43	1045	0	0.4608
2024-03-21 05:19:13	2024-03-21 05:19:13	1050	0	0.3513
2024-03-21 05:09:43	2024-03-21 05:09:43	1045	0	0.4808
2024-03-21 05:00:13	2024-03-21 05:00:13	1050	0	0.3666
2024-03-21 04:50:42	2024-03-21 04:50:42	1045	0	0.4635
2024-03-21 04:41:12	2024-03-21 04:41:12	1050	0	0.3875
2024-03-21 04:31:42	2024-03-21 04:31:42	1045	0	0.4581
2024-03-21 04:22:12	2024-03-21 04:22:12	1050	0	0.4071

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-21 04:12:42	2024-03-21 04:12:42	1045	0	0.4803
2024-03-21 04:03:11	2024-03-21 04:03:11	1050	0	0.4441
2024-03-21 03:53:41	2024-03-21 03:53:41	1045	0	0.4961
2024-03-21 03:44:11	2024-03-21 03:44:11	1050	0	0.4696
2024-03-21 03:34:41	2024-03-21 03:34:41	1045	0	0.4851
2024-03-21 03:25:11	2024-03-21 03:25:11	1050	0	0.5071
2024-03-21 03:15:41	2024-03-21 03:15:41	1045	0	0.4842
2024-03-21 03:06:11	2024-03-21 03:06:11	1050	0	0.5281
2024-03-21 02:56:41	2024-03-21 02:56:41	1045	0	0.5011
2024-03-21 02:47:10	2024-03-21 02:47:10	1050	0	0.5464
2024-03-21 02:37:40	2024-03-21 02:37:40	1045	0	0.4955
2024-03-21 02:28:10	2024-03-21 02:28:10	1050	0	0.6036
2024-03-21 02:18:40	2024-03-21 02:18:40	1045	0	0.5093
2024-03-21 02:09:10	2024-03-21 02:09:10	1050	0	0.6111
2024-03-21 01:59:40	2024-03-21 01:59:40	1045	0	0.5169
2024-03-21 01:50:09	2024-03-21 01:50:09	1050	0	0.5572
2024-03-21 01:40:39	2024-03-21 01:40:39	1045	0	0.5156
2024-03-21 01:31:09	2024-03-21 01:31:09	1050	0	0.5485
2024-03-21 01:21:39	2024-03-21 01:21:39	1045	0	0.5006
2024-03-21 01:12:09	2024-03-21 01:12:09	1050	0	0.5245
2024-03-21 01:02:38	2024-03-21 01:02:38	1045	0	0.4918
2024-03-21 00:53:08	2024-03-21 00:53:08	1050	0	0.4991
2024-03-21 00:43:38	2024-03-21 00:43:38	1045	0	0.4937
2024-03-21 00:34:08	2024-03-21 00:34:08	1050	0	0.4756
2024-03-21 00:24:38	2024-03-21 00:24:38	1045	0	0.5009
2024-03-21 00:15:08	2024-03-21 00:15:08	1050	0	0.4235
2024-03-21 00:05:37	2024-03-21 00:05:37	1045	0	0.5111
2024-03-20 23:56:07	2024-03-20 23:56:07	1050	0	0.3956
2024-03-20 23:46:37	2024-03-20 23:46:37	1045	0	0.4832
2024-03-20 23:37:07	2024-03-20 23:37:07	1050	0	0.3554

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-20 23:27:37	2024-03-20 23:27:37	1045	0	0.4705
2024-03-20 23:18:07	2024-03-20 23:18:07	1050	0	0.3096
2024-03-20 23:08:37	2024-03-20 23:08:37	1045	0	0.4755
2024-03-20 22:59:06	2024-03-20 22:59:06	1050	0	0.2894
2024-03-20 22:49:36	2024-03-20 22:49:36	1045	0	0.4782
2024-03-20 22:40:06	2024-03-20 22:40:06	1050	0	0.2749
2024-03-20 22:30:36	2024-03-20 22:30:36	1045	0	0.4849
2024-03-20 22:21:06	2024-03-20 22:21:06	1050	0	0.2888
2024-03-20 22:11:36	2024-03-20 22:11:36	1045	0	0.4582
2024-03-20 22:02:06	2024-03-20 22:02:06	1050	0	0.2886
2024-03-20 21:52:35	2024-03-20 21:52:35	1045	0	0.4852
2024-03-20 21:43:05	2024-03-20 21:43:05	1050	0	0.2910
2024-03-20 21:33:35	2024-03-20 21:33:35	1045	0	0.4820
2024-03-20 21:24:05	2024-03-20 21:24:05	1050	0	0.2859
2024-03-20 21:14:35	2024-03-20 21:14:35	1045	0	0.4758
2024-03-20 21:05:05	2024-03-20 21:05:05	1050	0	0.2884
2024-03-20 20:55:35	2024-03-20 20:55:35	1045	0	0.4813
2024-03-20 20:46:05	2024-03-20 20:46:05	1050	0	0.2621
2024-03-20 20:36:35	2024-03-20 20:36:35	1045	0	0.4649
2024-03-20 20:27:05	2024-03-20 20:27:05	1050	0	0.2709
2024-03-20 20:17:34	2024-03-20 20:17:34	1045	0	0.4601
2024-03-20 20:08:04	2024-03-20 20:08:04	1050	0	0.2435
2024-03-20 19:58:34	2024-03-20 19:58:34	1045	0	0.4681
2024-03-20 19:49:04	2024-03-20 19:49:04	1050	0	0.2560
2024-03-20 19:39:34	2024-03-20 19:39:34	1045	0	0.4657
2024-03-20 19:30:04	2024-03-20 19:30:04	1050	0	0.2434
2024-03-20 19:20:34	2024-03-20 19:20:34	1045	0	0.4599
2024-03-20 19:11:03	2024-03-20 19:11:03	1050	0	0.2452
2024-03-20 19:01:33	2024-03-20 19:01:33	1045	0	0.4367
2024-03-20 18:52:03	2024-03-20 18:52:03	1050	0	0.2497

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-20 18:42:33	2024-03-20 18:42:33	1045	0	0.4704
2024-03-20 18:33:03	2024-03-20 18:33:03	1050	0	0.2456
2024-03-20 18:23:32	2024-03-20 18:23:32	1045	0	0.4267
2024-03-20 18:14:02	2024-03-20 18:14:02	1050	0	0.2161
2024-03-20 18:04:32	2024-03-20 18:04:32	1045	0	0.4476
2024-03-20 17:55:02	2024-03-20 17:55:02	1050	0	0.2403
2024-03-20 17:45:32	2024-03-20 17:45:32	1045	0	0.4418
2024-03-20 17:36:02	2024-03-20 17:36:02	1050	0	0.2504
2024-03-20 17:26:32	2024-03-20 17:26:32	1045	0	0.4502
2024-03-20 17:17:02	2024-03-20 17:17:02	1050	0	0.2364
2024-03-20 17:07:31	2024-03-20 17:07:31	1045	0	0.4411
2024-03-20 16:58:01	2024-03-20 16:58:01	1050	0	0.2364
2024-03-20 16:48:31	2024-03-20 16:48:31	1045	0	0.4619
2024-03-20 16:39:01	2024-03-20 16:39:01	1050	0	0.2632
2024-03-20 16:29:31	2024-03-20 16:29:31	1045	0	0.4366
2024-03-20 16:20:00	2024-03-20 16:20:00	1050	0	0.2544
2024-03-20 16:10:30	2024-03-20 16:10:30	1045	0	0.4374
2024-03-20 16:01:00	2024-03-20 16:01:00	1050	0	0.2410
2024-03-20 15:51:30	2024-03-20 15:51:30	1045	0	0.4349
2024-03-20 15:41:59	2024-03-20 15:41:59	1050	0	0.2536
2024-03-20 15:32:29	2024-03-20 15:32:29	1045	0	0.4390
2024-03-20 15:22:59	2024-03-20 15:22:59	1050	0	0.2571
2024-03-20 15:13:29	2024-03-20 15:13:29	1045	0	0.4341
2024-03-20 15:03:59	2024-03-20 15:03:59	1050	0	0.2631
2024-03-20 14:54:29	2024-03-20 14:54:29	1045	0	0.4128
2024-03-20 14:44:59	2024-03-20 14:44:59	1050	0	0.2459
2024-03-20 14:35:28	2024-03-20 14:35:28	1045	0	0.4481
2024-03-20 14:25:58	2024-03-20 14:25:58	1050	0	0.2497
2024-03-20 14:16:28	2024-03-20 14:16:28	1045	0	0.4505
2024-03-20 14:06:58	2024-03-20 14:06:58	1050	0	0.2538

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-20 13:57:28	2024-03-20 13:57:28	1045	0	0.4360
2024-03-20 13:47:58	2024-03-20 13:47:58	1050	0	0.2504
2024-03-20 13:38:28	2024-03-20 13:38:28	1045	0	0.4259
2024-03-20 13:28:57	2024-03-20 13:28:57	1050	0	0.2587
2024-03-20 13:19:27	2024-03-20 13:19:27	1045	0	0.4457
2024-03-20 13:09:57	2024-03-20 13:09:57	1050	0	0.2807
2024-03-20 13:00:27	2024-03-20 13:00:27	1045	0	0.4426
2024-03-20 12:50:57	2024-03-20 12:50:57	1050	0	0.2619
2024-03-20 12:41:27	2024-03-20 12:41:27	1045	0	0.4534
2024-03-20 12:31:57	2024-03-20 12:31:57	1050	0	0.2719
2024-03-20 12:22:27	2024-03-20 12:22:27	1045	0	0.4487
2024-03-20 12:12:57	2024-03-20 12:12:57	1050	0	0.2867
2024-03-20 12:03:27	2024-03-20 12:03:27	1045	0	0.4567
2024-03-20 11:53:57	2024-03-20 11:53:57	1050	0	0.2717
2024-03-20 11:44:26	2024-03-20 11:44:26	1045	0	0.4646
2024-03-20 11:34:56	2024-03-20 11:34:56	1050	0	0.2648
2024-03-20 11:25:26	2024-03-20 11:25:26	1045	0	0.4720
2024-03-20 11:15:56	2024-03-20 11:15:56	1050	0	0.2393
2024-03-20 11:06:26	2024-03-20 11:06:26	1045	0	0.4651
2024-03-20 10:56:56	2024-03-20 10:56:56	1050	0	0.2368
2024-03-20 10:47:26	2024-03-20 10:47:26	1045	0	0.4436
2024-03-20 10:37:55	2024-03-20 10:37:55	1050	0	0.2415
2024-03-20 10:28:25	2024-03-20 10:28:25	1045	0	0.4552
2024-03-20 10:18:55	2024-03-20 10:18:55	1050	0	0.2394
2024-03-20 10:09:25	2024-03-20 10:09:25	1045	0	0.4438
2024-03-20 09:59:55	2024-03-20 09:59:55	1050	0	0.2492
2024-03-20 09:50:25	2024-03-20 09:50:25	1045	0	0.4431
2024-03-20 09:40:55	2024-03-20 09:40:55	1050	0	0.2380
2024-03-20 09:31:25	2024-03-20 09:31:25	1045	0	0.4605
2024-03-20 09:21:54	2024-03-20 09:21:54	1050	0	0.2452

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-20 09:12:24	2024-03-20 09:12:24	1045	0	0.4426
2024-03-20 09:02:54	2024-03-20 09:02:54	1050	0	0.2623
2024-03-20 08:53:24	2024-03-20 08:53:24	1045	0	0.4679
2024-03-20 08:43:54	2024-03-20 08:43:54	1050	0	0.2642
2024-03-20 08:34:24	2024-03-20 08:34:24	1045	0	0.4381
2024-03-20 08:24:54	2024-03-20 08:24:54	1050	0	0.2597
2024-03-20 08:15:23	2024-03-20 08:15:23	1045	0	0.4541
2024-03-20 08:05:53	2024-03-20 08:05:53	1050	0	0.2652
2024-03-20 07:56:23	2024-03-20 07:56:23	1045	0	0.4661
2024-03-20 07:46:53	2024-03-20 07:46:53	1050	0	0.2652
2024-03-20 07:37:23	2024-03-20 07:37:23	1045	0	0.4863
2024-03-20 07:27:53	2024-03-20 07:27:53	1050	0	0.2982
2024-03-20 07:18:23	2024-03-20 07:18:23	1045	0	0.4612
2024-03-20 07:08:52	2024-03-20 07:08:52	1050	0	0.2936
2024-03-20 06:59:22	2024-03-20 06:59:22	1045	0	0.4573
2024-03-20 06:49:52	2024-03-20 06:49:52	1050	0	0.2902
2024-03-20 06:40:22	2024-03-20 06:40:22	1045	0	0.4697
2024-03-20 06:30:52	2024-03-20 06:30:52	1050	0	0.3124
2024-03-20 06:21:22	2024-03-20 06:21:22	1045	0	0.4474
2024-03-20 06:11:52	2024-03-20 06:11:52	1050	0	0.3196
2024-03-20 06:02:21	2024-03-20 06:02:21	1045	0	0.4580
2024-03-20 05:52:51	2024-03-20 05:52:51	1050	0	0.3206
2024-03-20 05:43:21	2024-03-20 05:43:21	1045	0	0.4427
2024-03-20 05:33:51	2024-03-20 05:33:51	1050	0	0.3126
2024-03-20 05:24:21	2024-03-20 05:24:21	1045	0	0.4333
2024-03-20 05:14:51	2024-03-20 05:14:51	1050	0	0.3454
2024-03-20 05:05:21	2024-03-20 05:05:21	1045	0	0.4477
2024-03-20 04:55:50	2024-03-20 04:55:50	1050	0	0.3794
2024-03-20 04:46:20	2024-03-20 04:46:20	1045	0	0.4467
2024-03-20 04:36:50	2024-03-20 04:36:50	1050	0	0.3937

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-20 04:27:20	2024-03-20 04:27:20	1045	0	0.4305
2024-03-20 04:17:50	2024-03-20 04:17:50	1050	0	0.3996
2024-03-20 04:08:20	2024-03-20 04:08:20	1045	0	0.4355
2024-03-20 03:58:50	2024-03-20 03:58:50	1050	0	0.3931
2024-03-20 03:49:19	2024-03-20 03:49:19	1045	0	0.4278
2024-03-20 03:39:49	2024-03-20 03:39:49	1050	0	0.3539
2024-03-20 03:30:19	2024-03-20 03:30:19	1045	0	0.4071
2024-03-20 03:20:49	2024-03-20 03:20:49	1050	0	0.3281
2024-03-20 03:11:19	2024-03-20 03:11:19	1045	0	0.4045
2024-03-20 03:01:49	2024-03-20 03:01:49	1050	0	0.2970
2024-03-20 02:52:18	2024-03-20 02:52:18	1045	0	0.3969
2024-03-20 02:42:48	2024-03-20 02:42:48	1050	0	0.2560
2024-03-20 02:33:18	2024-03-20 02:33:18	1045	0	0.3668
2024-03-20 02:23:48	2024-03-20 02:23:48	1050	0	0.2518
2024-03-20 02:14:18	2024-03-20 02:14:18	1045	0	0.3708
2024-03-20 02:04:48	2024-03-20 02:04:48	1050	0	0.2634
2024-03-20 01:55:18	2024-03-20 01:55:18	1045	0	0.3557
2024-03-20 01:45:47	2024-03-20 01:45:47	1050	0	0.2692
2024-03-20 01:36:17	2024-03-20 01:36:17	1045	0	0.3602
2024-03-20 01:26:47	2024-03-20 01:26:47	1050	0	0.2722
2024-03-20 01:17:17	2024-03-20 01:17:17	1045	0	0.3831
2024-03-20 01:07:47	2024-03-20 01:07:47	1050	0	0.2841
2024-03-20 00:58:17	2024-03-20 00:58:17	1045	0	0.3717
2024-03-20 00:48:47	2024-03-20 00:48:47	1050	0	0.2738
2024-03-20 00:39:17	2024-03-20 00:39:17	1045	0	0.3842
2024-03-20 00:29:46	2024-03-20 00:29:46	1050	0	0.2824
2024-03-20 00:20:16	2024-03-20 00:20:16	1045	0	0.3919
2024-03-20 00:10:46	2024-03-20 00:10:46	1050	0	0.2735
2024-03-20 00:01:16	2024-03-20 00:01:16	1045	0	0.3850
2024-03-19 23:51:46	2024-03-19 23:51:46	1050	0	0.2799

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-19 23:42:16	2024-03-19 23:42:16	1045	0	0.4014
2024-03-19 23:32:46	2024-03-19 23:32:46	1050	0	0.2835
2024-03-19 23:23:15	2024-03-19 23:23:15	1045	0	0.3969
2024-03-19 23:13:45	2024-03-19 23:13:45	1050	0	0.2722
2024-03-19 23:04:15	2024-03-19 23:04:15	1045	0	0.4049
2024-03-19 22:54:45	2024-03-19 22:54:45	1050	0	0.2878
2024-03-19 22:45:15	2024-03-19 22:45:15	1045	0	0.4072
2024-03-19 22:35:45	2024-03-19 22:35:45	1050	0	0.2723
2024-03-19 22:26:15	2024-03-19 22:26:15	1045	0	0.4067
2024-03-19 22:16:44	2024-03-19 22:16:44	1050	0	0.2941
2024-03-19 22:07:14	2024-03-19 22:07:14	1045	0	0.4168
2024-03-19 21:57:44	2024-03-19 21:57:44	1050	0	0.3009
2024-03-19 21:48:14	2024-03-19 21:48:14	1045	0	0.4294
2024-03-19 21:38:44	2024-03-19 21:38:44	1050	0	0.3196
2024-03-19 21:29:14	2024-03-19 21:29:14	1045	0	0.4344
2024-03-19 21:19:44	2024-03-19 21:19:44	1050	0	0.3279
2024-03-19 21:10:14	2024-03-19 21:10:14	1045	0	0.4435
2024-03-19 21:00:43	2024-03-19 21:00:43	1050	0	0.3407
2024-03-19 20:51:13	2024-03-19 20:51:13	1045	0	0.4439
2024-03-19 20:41:43	2024-03-19 20:41:43	1050	0	0.3398
2024-03-19 20:32:13	2024-03-19 20:32:13	1045	0	0.4527
2024-03-19 20:22:43	2024-03-19 20:22:43	1050	0	0.3502
2024-03-19 20:13:13	2024-03-19 20:13:13	1045	0	0.4497
2024-03-19 20:03:42	2024-03-19 20:03:42	1050	0	0.3396
2024-03-19 19:54:12	2024-03-19 19:54:12	1045	0	0.4512
2024-03-19 19:44:42	2024-03-19 19:44:42	1050	0	0.3095
2024-03-19 19:35:12	2024-03-19 19:35:12	1045	0	0.4328
2024-03-19 19:25:42	2024-03-19 19:25:42	1050	0	0.2763
2024-03-19 19:16:12	2024-03-19 19:16:12	1045	0	0.4356
2024-03-19 19:06:42	2024-03-19 19:06:42	1050	0	0.2865

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-19 18:57:11	2024-03-19 18:57:11	1045	0	0.4139
2024-03-19 18:47:41	2024-03-19 18:47:41	1050	0	0.2604
2024-03-19 18:38:11	2024-03-19 18:38:11	1045	0	0.3963
2024-03-19 18:28:41	2024-03-19 18:28:41	1050	0	0.2729
2024-03-19 18:19:11	2024-03-19 18:19:11	1045	0	0.4055
2024-03-19 18:09:41	2024-03-19 18:09:41	1050	0	0.2649
2024-03-19 18:00:11	2024-03-19 18:00:11	1045	0	0.4012
2024-03-19 17:50:40	2024-03-19 17:50:40	1050	0	0.3017
2024-03-19 17:41:10	2024-03-19 17:41:10	1045	0	0.3902
2024-03-19 17:31:40	2024-03-19 17:31:40	1050	0	0.2573
2024-03-19 17:22:10	2024-03-19 17:22:10	1045	0	0.3799
2024-03-19 17:12:40	2024-03-19 17:12:40	1050	0	0.2792
2024-03-19 17:03:10	2024-03-19 17:03:10	1045	0	0.3793
2024-03-19 16:53:40	2024-03-19 16:53:40	1050	0	0.2796
2024-03-19 16:44:10	2024-03-19 16:44:10	1045	0	0.3895
2024-03-19 16:34:39	2024-03-19 16:34:39	1050	0	0.2766
2024-03-19 16:25:09	2024-03-19 16:25:09	1045	0	0.3762
2024-03-19 16:15:39	2024-03-19 16:15:39	1050	0	0.2684
2024-03-19 16:06:09	2024-03-19 16:06:09	1045	0	0.3785
2024-03-19 15:56:39	2024-03-19 15:56:39	1050	0	0.2646
2024-03-19 15:47:09	2024-03-19 15:47:09	1045	0	0.3629
2024-03-19 15:37:38	2024-03-19 15:37:38	1050	0	0.2760
2024-03-19 15:28:08	2024-03-19 15:28:08	1045	0	0.3548
2024-03-19 15:18:38	2024-03-19 15:18:38	1050	0	0.2772
2024-03-19 15:09:08	2024-03-19 15:09:08	1045	0	0.3520
2024-03-19 14:59:38	2024-03-19 14:59:38	1050	0	0.2645
2024-03-19 14:50:08	2024-03-19 14:50:08	1045	0	0.3551
2024-03-19 14:40:38	2024-03-19 14:40:38	1050	0	0.2627
2024-03-19 14:31:08	2024-03-19 14:31:08	1045	0	0.3644
2024-03-19 14:21:37	2024-03-19 14:21:37	1050	0	0.2811

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-19 14:12:07	2024-03-19 14:12:07	1045	0	0.3388
2024-03-19 14:02:37	2024-03-19 14:02:37	1050	0	0.2584
2024-03-19 13:53:07	2024-03-19 13:53:07	1045	0	0.3396
2024-03-19 13:43:37	2024-03-19 13:43:37	1050	0	0.2672
2024-03-19 13:34:06	2024-03-19 13:34:06	1045	0	0.3513
2024-03-19 13:24:36	2024-03-19 13:24:36	1050	0	0.2438
2024-03-19 13:15:06	2024-03-19 13:15:06	1045	0	0.3546
2024-03-19 13:05:36	2024-03-19 13:05:36	1050	0	0.2559
2024-03-19 12:56:06	2024-03-19 12:56:06	1045	0	0.3150
2024-03-19 12:46:36	2024-03-19 12:46:36	1050	0	0.2389
2024-03-19 12:37:05	2024-03-19 12:37:05	1045	0	0.3280
2024-03-19 12:27:35	2024-03-19 12:27:35	1050	0	0.2353
2024-03-19 12:18:05	2024-03-19 12:18:05	1045	0	0.3141
2024-03-19 12:08:35	2024-03-19 12:08:35	1050	0	0.2372
2024-03-19 11:59:05	2024-03-19 11:59:05	1045	0	0.3176
2024-03-19 11:49:34	2024-03-19 11:49:34	1050	0	0.2395
2024-03-19 11:40:04	2024-03-19 11:40:04	1045	0	0.3045
2024-03-19 11:30:34	2024-03-19 11:30:34	1050	0	0.2302
2024-03-19 11:21:04	2024-03-19 11:21:04	1045	0	0.3104
2024-03-19 11:11:34	2024-03-19 11:11:34	1050	0	0.2330
2024-03-19 11:02:04	2024-03-19 11:02:04	1045	0	0.3249
2024-03-19 10:52:33	2024-03-19 10:52:33	1050	0	0.2259
2024-03-19 10:43:03	2024-03-19 10:43:03	1045	0	0.3295
2024-03-19 10:33:33	2024-03-19 10:33:33	1050	0	0.2451
2024-03-19 10:24:03	2024-03-19 10:24:03	1045	0	0.3302
2024-03-19 10:14:33	2024-03-19 10:14:33	1050	0	0.2347
2024-03-19 10:05:03	2024-03-19 10:05:03	1045	0	0.3346
2024-03-19 09:55:33	2024-03-19 09:55:33	1050	0	0.2336
2024-03-19 09:46:03	2024-03-19 09:46:03	1045	0	0.3202
2024-03-19 09:36:32	2024-03-19 09:36:32	1050	0	0.2266

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-19 09:27:02	2024-03-19 09:27:02	1045	0	0.3489
2024-03-19 09:17:32	2024-03-19 09:17:32	1050	0	0.2344
2024-03-19 09:08:02	2024-03-19 09:08:02	1045	0	0.3270
2024-03-19 08:58:32	2024-03-19 08:58:32	1050	0	0.2359
2024-03-19 08:49:02	2024-03-19 08:49:02	1045	0	0.3221
2024-03-19 08:39:32	2024-03-19 08:39:32	1050	0	0.2532
2024-03-19 08:30:02	2024-03-19 08:30:02	1045	0	0.3553
2024-03-19 08:20:31	2024-03-19 08:20:31	1050	0	0.2281
2024-03-19 08:11:01	2024-03-19 08:11:01	1045	0	0.3326
2024-03-19 08:01:31	2024-03-19 08:01:31	1050	0	0.2565
2024-03-19 07:52:01	2024-03-19 07:52:01	1045	0	0.3337
2024-03-19 07:42:31	2024-03-19 07:42:31	1050	0	0.2542
2024-03-19 07:33:01	2024-03-19 07:33:01	1045	0	0.3420
2024-03-19 07:23:30	2024-03-19 07:23:30	1050	0	0.2455
2024-03-19 07:14:00	2024-03-19 07:14:00	1045	0	0.3474
2024-03-19 07:04:30	2024-03-19 07:04:30	1050	0	0.2634
2024-03-19 06:55:00	2024-03-19 06:55:00	1045	0	0.3391
2024-03-19 06:45:30	2024-03-19 06:45:30	1050	0	0.2452
2024-03-19 06:36:00	2024-03-19 06:36:00	1045	0	0.3505
2024-03-19 06:26:30	2024-03-19 06:26:30	1050	0	0.2619
2024-03-19 06:17:00	2024-03-19 06:17:00	1045	0	0.3402
2024-03-19 06:07:30	2024-03-19 06:07:30	1050	0	0.2442
2024-03-19 05:57:59	2024-03-19 05:57:59	1045	0	0.3370
2024-03-19 05:48:29	2024-03-19 05:48:29	1050	0	0.2427
2024-03-19 05:38:59	2024-03-19 05:38:59	1045	0	0.3476
2024-03-19 05:29:29	2024-03-19 05:29:29	1050	0	0.2506
2024-03-19 05:19:59	2024-03-19 05:19:59	1045	0	0.3273
2024-03-19 05:10:29	2024-03-19 05:10:29	1050	0	0.2589
2024-03-19 05:00:59	2024-03-19 05:00:59	1045	0	0.3294
2024-03-19 04:51:28	2024-03-19 04:51:28	1050	0	0.2586

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-19 04:41:58	2024-03-19 04:41:58	1045	0	0.3411
2024-03-19 04:32:28	2024-03-19 04:32:28	1050	0	0.2579
2024-03-19 04:22:58	2024-03-19 04:22:58	1045	0	0.3503
2024-03-19 04:13:28	2024-03-19 04:13:28	1050	0	0.2555
2024-03-19 04:03:58	2024-03-19 04:03:58	1045	0	0.3433
2024-03-19 03:54:28	2024-03-19 03:54:28	1050	0	0.2531
2024-03-19 03:44:57	2024-03-19 03:44:57	1045	0	0.3488
2024-03-19 03:35:27	2024-03-19 03:35:27	1050	0	0.2632
2024-03-19 03:25:57	2024-03-19 03:25:57	1045	0	0.3471
2024-03-19 03:16:27	2024-03-19 03:16:27	1050	0	0.2593
2024-03-19 03:06:57	2024-03-19 03:06:57	1045	0	0.3312
2024-03-19 02:57:27	2024-03-19 02:57:27	1050	0	0.2621
2024-03-19 02:47:57	2024-03-19 02:47:57	1045	0	0.3530
2024-03-19 02:38:27	2024-03-19 02:38:27	1050	0	0.2609
2024-03-19 02:28:56	2024-03-19 02:28:56	1045	0	0.3448
2024-03-19 02:19:26	2024-03-19 02:19:26	1050	0	0.2474
2024-03-19 02:09:56	2024-03-19 02:09:56	1045	0	0.3648
2024-03-19 02:00:26	2024-03-19 02:00:26	1050	0	0.2567
2024-03-19 01:50:56	2024-03-19 01:50:56	1045	0	0.3556
2024-03-19 01:41:24	2024-03-19 01:41:24	1050	0	0.2491
2024-03-19 01:31:54	2024-03-19 01:31:54	1045	0	0.3252
2024-03-19 01:22:24	2024-03-19 01:22:24	1050	0	0.2299
2024-03-19 01:12:54	2024-03-19 01:12:54	1045	0	0.3619
2024-03-19 01:03:24	2024-03-19 01:03:24	1050	0	0.2445
2024-03-19 00:53:54	2024-03-19 00:53:54	1045	0	0.3572
2024-03-19 00:44:24	2024-03-19 00:44:24	1050	0	0.2411
2024-03-19 00:34:54	2024-03-19 00:34:54	1045	0	0.3627
2024-03-19 00:25:23	2024-03-19 00:25:23	1050	0	0.2411
2024-03-19 00:15:53	2024-03-19 00:15:53	1045	0	0.3503
2024-03-19 00:06:23	2024-03-19 00:06:23	1050	0	0.2227

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-18 23:56:53	2024-03-18 23:56:53	1045	0	0.3658
2024-03-18 23:47:23	2024-03-18 23:47:23	1050	0	0.2657
2024-03-18 23:37:52	2024-03-18 23:37:52	1045	0	0.3723
2024-03-18 23:28:22	2024-03-18 23:28:22	1050	0	0.2491
2024-03-18 23:18:52	2024-03-18 23:18:52	1045	0	0.3470
2024-03-18 23:09:22	2024-03-18 23:09:22	1050	0	0.2457
2024-03-18 22:59:52	2024-03-18 22:59:52	1045	0	0.3673
2024-03-18 22:50:22	2024-03-18 22:50:22	1050	0	0.2342
2024-03-18 22:40:52	2024-03-18 22:40:52	1045	0	0.3761
2024-03-18 22:31:21	2024-03-18 22:31:21	1050	0	0.2429
2024-03-18 22:21:51	2024-03-18 22:21:51	1045	0	0.3851
2024-03-18 22:12:21	2024-03-18 22:12:21	1050	0	0.2541
2024-03-18 22:02:51	2024-03-18 22:02:51	1045	0	0.3768
2024-03-18 21:53:21	2024-03-18 21:53:21	1050	0	0.2510
2024-03-18 21:43:50	2024-03-18 21:43:50	1045	0	0.3944
2024-03-18 21:34:20	2024-03-18 21:34:20	1050	0	0.2493
2024-03-18 21:24:50	2024-03-18 21:24:50	1045	0	0.3782
2024-03-18 21:15:20	2024-03-18 21:15:20	1050	0	0.2507
2024-03-18 21:05:50	2024-03-18 21:05:50	1045	0	0.3912
2024-03-18 20:56:20	2024-03-18 20:56:20	1050	0	0.2716
2024-03-18 20:46:50	2024-03-18 20:46:50	1045	0	0.3927
2024-03-18 20:37:19	2024-03-18 20:37:19	1050	0	0.2656
2024-03-18 20:27:49	2024-03-18 20:27:49	1045	0	0.3884
2024-03-18 20:18:19	2024-03-18 20:18:19	1050	0	0.2684
2024-03-18 20:08:49	2024-03-18 20:08:49	1045	0	0.3810
2024-03-18 19:59:19	2024-03-18 19:59:19	1050	0	0.2568
2024-03-18 19:49:49	2024-03-18 19:49:49	1045	0	0.3852
2024-03-18 19:40:19	2024-03-18 19:40:19	1050	0	0.2719
2024-03-18 19:30:48	2024-03-18 19:30:48	1045	0	0.4076
2024-03-18 19:21:18	2024-03-18 19:21:18	1050	0	0.2768

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-18 19:11:48	2024-03-18 19:11:48	1045	0	0.4029
2024-03-18 19:02:18	2024-03-18 19:02:18	1050	0	0.2721
2024-03-18 18:52:48	2024-03-18 18:52:48	1045	0	0.4053
2024-03-18 18:43:18	2024-03-18 18:43:18	1050	0	0.2838
2024-03-18 18:33:47	2024-03-18 18:33:47	1045	0	0.4038
2024-03-18 18:24:17	2024-03-18 18:24:17	1050	0	0.2929
2024-03-18 18:14:47	2024-03-18 18:14:47	1045	0	0.4057
2024-03-18 18:05:17	2024-03-18 18:05:17	1050	0	0.2613
2024-03-18 17:55:47	2024-03-18 17:55:47	1045	0	0.4056
2024-03-18 17:46:17	2024-03-18 17:46:17	1050	0	0.2742
2024-03-18 17:36:46	2024-03-18 17:36:46	1045	0	0.4300
2024-03-18 17:27:16	2024-03-18 17:27:16	1050	0	0.2644
2024-03-18 17:17:46	2024-03-18 17:17:46	1045	0	0.4278
2024-03-18 17:08:16	2024-03-18 17:08:16	1050	0	0.2779
2024-03-18 16:58:46	2024-03-18 16:58:46	1045	0	0.4452
2024-03-18 16:49:16	2024-03-18 16:49:16	1050	0	0.2656
2024-03-18 16:39:45	2024-03-18 16:39:45	1045	0	0.4426
2024-03-18 16:30:15	2024-03-18 16:30:15	1050	0	0.2770
2024-03-18 16:20:45	2024-03-18 16:20:45	1045	0	0.4312
2024-03-18 16:11:15	2024-03-18 16:11:15	1050	0	0.2700
2024-03-18 16:01:45	2024-03-18 16:01:45	1045	0	0.4503
2024-03-18 15:52:15	2024-03-18 15:52:15	1050	0	0.2527
2024-03-18 15:42:45	2024-03-18 15:42:45	1045	0	0.4445
2024-03-18 15:33:15	2024-03-18 15:33:15	1050	0	0.2585
2024-03-18 15:23:45	2024-03-18 15:23:45	1045	0	0.4390
2024-03-18 15:14:15	2024-03-18 15:14:15	1050	0	0.2549
2024-03-18 15:04:44	2024-03-18 15:04:44	1045	0	0.4578
2024-03-18 14:55:14	2024-03-18 14:55:14	1050	0	0.2423
2024-03-18 14:45:44	2024-03-18 14:45:44	1045	0	0.4468
2024-03-18 14:36:14	2024-03-18 14:36:14	1050	0	0.2397

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-18 14:26:44	2024-03-18 14:26:44	1045	0	0.4565
2024-03-18 14:17:14	2024-03-18 14:17:14	1050	0	0.2413
2024-03-18 14:07:43	2024-03-18 14:07:43	1045	0	0.4517
2024-03-18 13:58:13	2024-03-18 13:58:13	1050	0	0.2447
2024-03-18 13:48:43	2024-03-18 13:48:43	1045	0	0.4484
2024-03-18 13:39:13	2024-03-18 13:39:13	1050	0	0.2581
2024-03-18 13:29:43	2024-03-18 13:29:43	1045	0	0.4570
2024-03-18 13:20:13	2024-03-18 13:20:13	1050	0	0.2428
2024-03-18 13:10:42	2024-03-18 13:10:42	1045	0	0.4679
2024-03-18 13:01:12	2024-03-18 13:01:12	1050	0	0.2444
2024-03-18 12:51:42	2024-03-18 12:51:42	1045	0	0.4613
2024-03-18 12:42:12	2024-03-18 12:42:12	1050	0	0.2496
2024-03-18 12:32:42	2024-03-18 12:32:42	1045	0	0.4789
2024-03-18 12:23:12	2024-03-18 12:23:12	1050	0	0.2410
2024-03-18 12:13:42	2024-03-18 12:13:42	1045	0	0.4557
2024-03-18 12:04:11	2024-03-18 12:04:11	1050	0	0.2418
2024-03-18 11:54:41	2024-03-18 11:54:41	1045	0	0.4417
2024-03-18 11:45:11	2024-03-18 11:45:11	1050	0	0.2475
2024-03-18 11:35:41	2024-03-18 11:35:41	1045	0	0.4824
2024-03-18 11:26:11	2024-03-18 11:26:11	1050	0	0.2363
2024-03-18 11:16:41	2024-03-18 11:16:41	1045	0	0.4649
2024-03-18 11:07:10	2024-03-18 11:07:10	1050	0	0.2273
2024-03-18 10:57:40	2024-03-18 10:57:40	1045	0	0.4671
2024-03-18 10:48:10	2024-03-18 10:48:10	1050	0	0.2448
2024-03-18 10:38:40	2024-03-18 10:38:40	1045	0	0.4620
2024-03-18 10:29:10	2024-03-18 10:29:10	1050	0	0.2465
2024-03-18 10:19:40	2024-03-18 10:19:40	1045	0	0.4640
2024-03-18 10:10:09	2024-03-18 10:10:09	1050	0	0.2350
2024-03-18 10:00:39	2024-03-18 10:00:39	1045	0	0.4624
2024-03-18 09:51:09	2024-03-18 09:51:09	1050	0	0.2622

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-18 09:41:39	2024-03-18 09:41:39	1045	0	0.4556
2024-03-18 09:32:09	2024-03-18 09:32:09	1050	0	0.2348
2024-03-18 09:22:39	2024-03-18 09:22:39	1045	0	0.4595
2024-03-18 09:13:08	2024-03-18 09:13:08	1050	0	0.2337
2024-03-18 09:03:38	2024-03-18 09:03:38	1045	0	0.4753
2024-03-18 08:54:08	2024-03-18 08:54:08	1050	0	0.2501
2024-03-18 08:44:38	2024-03-18 08:44:38	1045	0	0.4461
2024-03-18 08:35:08	2024-03-18 08:35:08	1050	0	0.2347
2024-03-18 08:25:38	2024-03-18 08:25:38	1045	0	0.4695
2024-03-18 08:16:08	2024-03-18 08:16:08	1050	0	0.2272
2024-03-18 08:06:37	2024-03-18 08:06:37	1045	0	0.4778
2024-03-18 07:57:07	2024-03-18 07:57:07	1050	0	0.2373
2024-03-18 07:47:37	2024-03-18 07:47:37	1045	0	0.4661
2024-03-18 07:38:07	2024-03-18 07:38:07	1050	0	0.2320
2024-03-18 07:28:37	2024-03-18 07:28:37	1045	0	0.4771
2024-03-18 07:19:07	2024-03-18 07:19:07	1050	0	0.2441
2024-03-18 07:09:37	2024-03-18 07:09:37	1045	0	0.4664
2024-03-18 07:00:06	2024-03-18 07:00:06	1050	0	0.2512
2024-03-18 06:50:36	2024-03-18 06:50:36	1045	0	0.4774
2024-03-18 06:41:06	2024-03-18 06:41:06	1050	0	0.2215
2024-03-18 06:31:36	2024-03-18 06:31:36	1045	0	0.4541
2024-03-18 06:22:06	2024-03-18 06:22:06	1050	0	0.2585
2024-03-18 06:12:36	2024-03-18 06:12:36	1045	0	0.4748
2024-03-18 06:03:06	2024-03-18 06:03:06	1050	0	0.2410
2024-03-18 05:53:35	2024-03-18 05:53:35	1045	0	0.4607
2024-03-18 05:44:05	2024-03-18 05:44:05	1050	0	0.2371
2024-03-18 05:34:35	2024-03-18 05:34:35	1045	0	0.4639
2024-03-18 05:25:05	2024-03-18 05:25:05	1050	0	0.2382
2024-03-18 05:15:35	2024-03-18 05:15:35	1045	0	0.4559
2024-03-18 05:06:05	2024-03-18 05:06:05	1050	0	0.2305

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-18 04:56:34	2024-03-18 04:56:34	1045	0	0.4668
2024-03-18 04:47:04	2024-03-18 04:47:04	1050	0	0.2431
2024-03-18 04:37:34	2024-03-18 04:37:34	1045	0	0.4685
2024-03-18 04:28:04	2024-03-18 04:28:04	1050	0	0.2269
2024-03-18 04:18:34	2024-03-18 04:18:34	1045	0	0.4621
2024-03-18 04:09:03	2024-03-18 04:09:03	1050	0	0.2453
2024-03-18 03:59:33	2024-03-18 03:59:33	1045	0	0.4753
2024-03-18 03:50:03	2024-03-18 03:50:03	1050	0	0.2421
2024-03-18 03:40:33	2024-03-18 03:40:33	1045	0	0.4537
2024-03-18 03:31:03	2024-03-18 03:31:03	1050	0	0.2440
2024-03-18 03:21:33	2024-03-18 03:21:33	1045	0	0.4731
2024-03-18 03:12:03	2024-03-18 03:12:03	1050	0	0.2500
2024-03-18 03:02:33	2024-03-18 03:02:33	1045	0	0.4720
2024-03-18 02:53:02	2024-03-18 02:53:02	1050	0	0.2358
2024-03-18 02:43:32	2024-03-18 02:43:32	1045	0	0.4914
2024-03-18 02:34:02	2024-03-18 02:34:02	1050	0	0.2425
2024-03-18 02:24:32	2024-03-18 02:24:32	1045	0	0.4777
2024-03-18 02:15:02	2024-03-18 02:15:02	1050	0	0.2447
2024-03-18 02:05:32	2024-03-18 02:05:32	1045	0	0.4645
2024-03-18 01:56:02	2024-03-18 01:56:02	1050	0	0.2338
2024-03-18 01:46:32	2024-03-18 01:46:32	1045	0	0.4799
2024-03-18 01:37:01	2024-03-18 01:37:01	1050	0	0.2412
2024-03-18 01:27:31	2024-03-18 01:27:31	1045	0	0.4721
2024-03-18 01:18:01	2024-03-18 01:18:01	1050	0	0.2413
2024-03-18 01:08:31	2024-03-18 01:08:31	1045	0	0.4598
2024-03-18 00:59:01	2024-03-18 00:59:01	1050	0	0.2376
2024-03-18 00:49:31	2024-03-18 00:49:31	1045	0	0.4829
2024-03-18 00:40:00	2024-03-18 00:40:00	1050	0	0.2379
2024-03-18 00:30:30	2024-03-18 00:30:30	1045	0	0.4712
2024-03-18 00:21:00	2024-03-18 00:21:00	1050	0	0.2392

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-18 00:11:30	2024-03-18 00:11:30	1045	0	0.4646
2024-03-18 00:02:00	2024-03-18 00:02:00	1050	0	0.2461
2024-03-17 23:52:30	2024-03-17 23:52:30	1045	0	0.4701
2024-03-17 23:43:00	2024-03-17 23:43:00	1050	0	0.2614
2024-03-17 23:33:29	2024-03-17 23:33:29	1045	0	0.4668
2024-03-17 23:23:59	2024-03-17 23:23:59	1050	0	0.2386
2024-03-17 23:14:29	2024-03-17 23:14:29	1045	0	0.4653
2024-03-17 23:04:59	2024-03-17 23:04:59	1050	0	0.2496
2024-03-17 22:55:29	2024-03-17 22:55:29	1045	0	0.4796
2024-03-17 22:45:58	2024-03-17 22:45:58	1050	0	0.2529
2024-03-17 22:36:28	2024-03-17 22:36:28	1045	0	0.4715
2024-03-17 22:26:58	2024-03-17 22:26:58	1050	0	0.2410
2024-03-17 22:17:28	2024-03-17 22:17:28	1045	0	0.4865
2024-03-17 22:07:58	2024-03-17 22:07:58	1050	0	0.2389
2024-03-17 21:58:28	2024-03-17 21:58:28	1045	0	0.4802
2024-03-17 21:48:58	2024-03-17 21:48:58	1050	0	0.2453
2024-03-17 21:39:27	2024-03-17 21:39:27	1045	0	0.4644
2024-03-17 21:29:57	2024-03-17 21:29:57	1050	0	0.2444
2024-03-17 21:20:27	2024-03-17 21:20:27	1045	0	0.4669
2024-03-17 21:10:57	2024-03-17 21:10:57	1050	0	0.2264
2024-03-17 21:01:27	2024-03-17 21:01:27	1045	0	0.4674
2024-03-17 20:51:57	2024-03-17 20:51:57	1050	0	0.2507
2024-03-17 20:42:27	2024-03-17 20:42:27	1045	0	0.4742
2024-03-17 20:32:56	2024-03-17 20:32:56	1050	0	0.2386
2024-03-17 20:23:26	2024-03-17 20:23:26	1045	0	0.4726
2024-03-17 20:13:56	2024-03-17 20:13:56	1050	0	0.2317
2024-03-17 20:04:26	2024-03-17 20:04:26	1045	0	0.4576
2024-03-17 19:54:56	2024-03-17 19:54:56	1050	0	0.2581
2024-03-17 19:45:26	2024-03-17 19:45:26	1045	0	0.4472
2024-03-17 19:35:55	2024-03-17 19:35:55	1050	0	0.2472

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-17 19:26:25	2024-03-17 19:26:25	1045	0	0.4508
2024-03-17 19:16:55	2024-03-17 19:16:55	1050	0	0.2420
2024-03-17 19:07:25	2024-03-17 19:07:25	1045	0	0.4584
2024-03-17 18:57:55	2024-03-17 18:57:55	1050	0	0.2560
2024-03-17 18:48:25	2024-03-17 18:48:25	1045	0	0.4403
2024-03-17 18:38:55	2024-03-17 18:38:55	1050	0	0.2489
2024-03-17 18:29:25	2024-03-17 18:29:25	1045	0	0.4587
2024-03-17 18:19:54	2024-03-17 18:19:54	1050	0	0.2562
2024-03-17 18:10:24	2024-03-17 18:10:24	1045	0	0.4445
2024-03-17 18:00:54	2024-03-17 18:00:54	1050	0	0.2516
2024-03-17 17:51:24	2024-03-17 17:51:24	1045	0	0.4396
2024-03-17 17:41:54	2024-03-17 17:41:54	1050	0	0.2581
2024-03-17 17:32:24	2024-03-17 17:32:24	1045	0	0.4690
2024-03-17 17:22:53	2024-03-17 17:22:53	1050	0	0.2512
2024-03-17 17:13:23	2024-03-17 17:13:23	1045	0	0.4518
2024-03-17 17:03:53	2024-03-17 17:03:53	1050	0	0.2447
2024-03-17 16:54:23	2024-03-17 16:54:23	1045	0	0.4547
2024-03-17 16:44:53	2024-03-17 16:44:53	1050	0	0.2569
2024-03-17 16:35:23	2024-03-17 16:35:23	1045	0	0.4485
2024-03-17 16:25:53	2024-03-17 16:25:53	1050	0	0.2540
2024-03-17 16:16:22	2024-03-17 16:16:22	1045	0	0.4646
2024-03-17 16:06:52	2024-03-17 16:06:52	1050	0	0.2642
2024-03-17 15:57:22	2024-03-17 15:57:22	1045	0	0.4505
2024-03-17 15:47:52	2024-03-17 15:47:52	1050	0	0.2607
2024-03-17 15:38:22	2024-03-17 15:38:22	1045	0	0.4431
2024-03-17 15:28:52	2024-03-17 15:28:52	1050	0	0.2478
2024-03-17 15:19:22	2024-03-17 15:19:22	1045	0	0.4588
2024-03-17 15:09:51	2024-03-17 15:09:51	1050	0	0.2503
2024-03-17 15:00:21	2024-03-17 15:00:21	1045	0	0.4576
2024-03-17 14:50:51	2024-03-17 14:50:51	1050	0	0.2434

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-17 14:41:21	2024-03-17 14:41:21	1045	0	0.4656
2024-03-17 14:31:51	2024-03-17 14:31:51	1050	0	0.2574
2024-03-17 14:22:20	2024-03-17 14:22:20	1045	0	0.4517
2024-03-17 14:12:50	2024-03-17 14:12:50	1050	0	0.2504
2024-03-17 14:03:20	2024-03-17 14:03:20	1045	0	0.4532
2024-03-17 13:53:50	2024-03-17 13:53:50	1050	0	0.2428
2024-03-17 13:44:20	2024-03-17 13:44:20	1045	0	0.4573
2024-03-17 13:34:50	2024-03-17 13:34:50	1050	0	0.2487
2024-03-17 13:25:20	2024-03-17 13:25:20	1045	0	0.4632
2024-03-17 13:15:50	2024-03-17 13:15:50	1050	0	0.2512
2024-03-17 13:06:19	2024-03-17 13:06:19	1045	0	0.4755
2024-03-17 12:56:49	2024-03-17 12:56:49	1050	0	0.2613
2024-03-17 12:47:19	2024-03-17 12:47:19	1045	0	0.4707
2024-03-17 12:37:49	2024-03-17 12:37:49	1050	0	0.2406
2024-03-17 12:28:19	2024-03-17 12:28:19	1045	0	0.4493
2024-03-17 12:18:49	2024-03-17 12:18:49	1050	0	0.2551
2024-03-17 12:09:18	2024-03-17 12:09:18	1045	0	0.4756
2024-03-17 11:59:48	2024-03-17 11:59:48	1050	0	0.2369
2024-03-17 11:50:18	2024-03-17 11:50:18	1045	0	0.4647
2024-03-17 11:40:48	2024-03-17 11:40:48	1050	0	0.2378
2024-03-17 11:31:18	2024-03-17 11:31:18	1045	0	0.4741
2024-03-17 11:21:48	2024-03-17 11:21:48	1050	0	0.2562
2024-03-17 11:12:17	2024-03-17 11:12:17	1045	0	0.4828
2024-03-17 11:02:47	2024-03-17 11:02:47	1050	0	0.2384
2024-03-17 10:53:17	2024-03-17 10:53:17	1045	0	0.4883
2024-03-17 10:43:47	2024-03-17 10:43:47	1050	0	0.2524
2024-03-17 10:34:17	2024-03-17 10:34:17	1045	0	0.4777
2024-03-17 10:24:46	2024-03-17 10:24:46	1050	0	0.2500
2024-03-17 10:15:16	2024-03-17 10:15:16	1045	0	0.4836
2024-03-17 10:05:46	2024-03-17 10:05:46	1050	0	0.2439

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-17 09:56:16	2024-03-17 09:56:16	1045	0	0.4792
2024-03-17 09:46:46	2024-03-17 09:46:46	1050	0	0.2616
2024-03-17 09:37:16	2024-03-17 09:37:16	1045	0	0.4848
2024-03-17 09:27:46	2024-03-17 09:27:46	1050	0	0.2498
2024-03-17 09:18:16	2024-03-17 09:18:16	1045	0	0.4843
2024-03-17 09:08:46	2024-03-17 09:08:46	1050	0	0.2615
2024-03-17 08:59:15	2024-03-17 08:59:15	1045	0	0.4805
2024-03-17 08:49:45	2024-03-17 08:49:45	1050	0	0.2563
2024-03-17 08:40:15	2024-03-17 08:40:15	1045	0	0.4809
2024-03-17 08:30:45	2024-03-17 08:30:45	1050	0	0.2710
2024-03-17 08:21:15	2024-03-17 08:21:15	1045	0	0.4868
2024-03-17 08:11:44	2024-03-17 08:11:44	1050	0	0.2773
2024-03-17 08:02:14	2024-03-17 08:02:14	1045	0	0.4776
2024-03-17 07:52:44	2024-03-17 07:52:44	1050	0	0.2784
2024-03-17 07:43:14	2024-03-17 07:43:14	1045	0	0.4839
2024-03-17 07:33:44	2024-03-17 07:33:44	1050	0	0.2679
2024-03-17 07:24:14	2024-03-17 07:24:14	1045	0	0.4786
2024-03-17 07:14:44	2024-03-17 07:14:44	1050	0	0.2757
2024-03-17 07:05:14	2024-03-17 07:05:14	1045	0	0.5021
2024-03-17 06:55:43	2024-03-17 06:55:43	1050	0	0.2699
2024-03-17 06:46:13	2024-03-17 06:46:13	1045	0	0.4883
2024-03-17 06:36:43	2024-03-17 06:36:43	1050	0	0.2840
2024-03-17 06:27:13	2024-03-17 06:27:13	1045	0	0.4931
2024-03-17 06:17:43	2024-03-17 06:17:43	1050	0	0.2840
2024-03-17 06:08:13	2024-03-17 06:08:13	1045	0	0.4859
2024-03-17 05:58:42	2024-03-17 05:58:42	1050	0	0.2824
2024-03-17 05:49:12	2024-03-17 05:49:12	1045	0	0.4943
2024-03-17 05:39:42	2024-03-17 05:39:42	1050	0	0.2666
2024-03-17 05:30:12	2024-03-17 05:30:12	1045	0	0.4712
2024-03-17 05:20:42	2024-03-17 05:20:42	1050	0	0.2717

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-17 05:11:12	2024-03-17 05:11:12	1045	0	0.4841
2024-03-17 05:01:41	2024-03-17 05:01:41	1050	0	0.2786
2024-03-17 04:52:11	2024-03-17 04:52:11	1045	0	0.4858
2024-03-17 04:42:41	2024-03-17 04:42:41	1050	0	0.2756
2024-03-17 04:33:11	2024-03-17 04:33:11	1045	0	0.4672
2024-03-17 04:23:41	2024-03-17 04:23:41	1050	0	0.2649
2024-03-17 04:14:11	2024-03-17 04:14:11	1045	0	0.4758
2024-03-17 04:04:40	2024-03-17 04:04:40	1050	0	0.2815
2024-03-17 03:55:10	2024-03-17 03:55:10	1045	0	0.4610
2024-03-17 03:45:40	2024-03-17 03:45:40	1050	0	0.2623
2024-03-17 03:36:10	2024-03-17 03:36:10	1045	0	0.4701
2024-03-17 03:26:40	2024-03-17 03:26:40	1050	0	0.2884
2024-03-17 03:17:10	2024-03-17 03:17:10	1045	0	0.4667
2024-03-17 03:07:40	2024-03-17 03:07:40	1050	0	0.2824
2024-03-17 02:58:10	2024-03-17 02:58:10	1045	0	0.4710
2024-03-17 02:48:39	2024-03-17 02:48:39	1050	0	0.3001
2024-03-17 02:39:09	2024-03-17 02:39:09	1045	0	0.4555
2024-03-17 02:29:38	2024-03-17 02:29:38	1050	0	0.2838
2024-03-17 02:20:08	2024-03-17 02:20:08	1045	0	0.4578
2024-03-17 02:10:38	2024-03-17 02:10:38	1050	0	0.2791
2024-03-17 02:01:07	2024-03-17 02:01:07	1045	0	0.4474
2024-03-17 01:51:37	2024-03-17 01:51:37	1050	0	0.2761
2024-03-17 01:42:07	2024-03-17 01:42:07	1045	0	0.4571
2024-03-17 01:32:37	2024-03-17 01:32:37	1050	0	0.2833
2024-03-17 01:23:07	2024-03-17 01:23:07	1045	0	0.4520
2024-03-17 01:13:37	2024-03-17 01:13:37	1050	0	0.2919
2024-03-17 01:04:06	2024-03-17 01:04:06	1045	0	0.4471
2024-03-17 00:54:36	2024-03-17 00:54:36	1050	0	0.2917
2024-03-17 00:45:06	2024-03-17 00:45:06	1045	0	0.4379
2024-03-17 00:35:36	2024-03-17 00:35:36	1050	0	0.2858

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-17 00:26:06	2024-03-17 00:26:06	1045	0	0.4312
2024-03-17 00:16:36	2024-03-17 00:16:36	1050	0	0.2775
2024-03-17 00:07:06	2024-03-17 00:07:06	1045	0	0.4419
2024-03-16 23:57:35	2024-03-16 23:57:35	1050	0	0.2715
2024-03-16 23:48:05	2024-03-16 23:48:05	1045	0	0.4263
2024-03-16 23:38:35	2024-03-16 23:38:35	1050	0	0.2752
2024-03-16 23:29:05	2024-03-16 23:29:05	1045	0	0.4328
2024-03-16 23:19:35	2024-03-16 23:19:35	1050	0	0.3020
2024-03-16 23:10:05	2024-03-16 23:10:05	1045	0	0.4464
2024-03-16 23:00:35	2024-03-16 23:00:35	1050	0	0.2955
2024-03-16 22:51:05	2024-03-16 22:51:05	1045	0	0.4549
2024-03-16 22:41:35	2024-03-16 22:41:35	1050	0	0.2955
2024-03-16 22:32:04	2024-03-16 22:32:04	1045	0	0.4472
2024-03-16 22:22:34	2024-03-16 22:22:34	1050	0	0.3054
2024-03-16 22:13:04	2024-03-16 22:13:04	1045	0	0.4694
2024-03-16 22:03:34	2024-03-16 22:03:34	1050	0	0.3088
2024-03-16 21:54:04	2024-03-16 21:54:04	1045	0	0.4707
2024-03-16 21:44:34	2024-03-16 21:44:34	1050	0	0.3025
2024-03-16 21:35:04	2024-03-16 21:35:04	1045	0	0.4665
2024-03-16 21:25:33	2024-03-16 21:25:33	1050	0	0.3113
2024-03-16 21:16:03	2024-03-16 21:16:03	1045	0	0.4560
2024-03-16 21:06:33	2024-03-16 21:06:33	1050	0	0.3206
2024-03-16 20:57:03	2024-03-16 20:57:03	1045	0	0.4678
2024-03-16 20:47:33	2024-03-16 20:47:33	1050	0	0.3134
2024-03-16 20:38:03	2024-03-16 20:38:03	1045	0	0.4584
2024-03-16 20:28:32	2024-03-16 20:28:32	1050	0	0.2993
2024-03-16 20:19:02	2024-03-16 20:19:02	1045	0	0.4558
2024-03-16 20:09:32	2024-03-16 20:09:32	1050	0	0.3097
2024-03-16 20:00:02	2024-03-16 20:00:02	1045	0	0.4472
2024-03-16 19:50:32	2024-03-16 19:50:32	1050	0	0.3033

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-16 19:41:02	2024-03-16 19:41:02	1045	0	0.4423
2024-03-16 19:31:32	2024-03-16 19:31:32	1050	0	0.3072
2024-03-16 19:22:01	2024-03-16 19:22:01	1045	0	0.4327
2024-03-16 19:12:31	2024-03-16 19:12:31	1050	0	0.3042
2024-03-16 19:03:01	2024-03-16 19:03:01	1045	0	0.4441
2024-03-16 18:53:31	2024-03-16 18:53:31	1050	0	0.3282
2024-03-16 18:44:01	2024-03-16 18:44:01	1045	0	0.4484
2024-03-16 18:34:31	2024-03-16 18:34:31	1050	0	0.3281
2024-03-16 18:25:01	2024-03-16 18:25:01	1045	0	0.4380
2024-03-16 18:15:30	2024-03-16 18:15:30	1050	0	0.3197
2024-03-16 18:06:00	2024-03-16 18:06:00	1045	0	0.4333
2024-03-16 17:56:30	2024-03-16 17:56:30	1050	0	0.3079
2024-03-16 17:47:00	2024-03-16 17:47:00	1045	0	0.4328
2024-03-16 17:37:30	2024-03-16 17:37:30	1050	0	0.3334
2024-03-16 17:28:00	2024-03-16 17:28:00	1045	0	0.4200
2024-03-16 17:18:30	2024-03-16 17:18:30	1050	0	0.3249
2024-03-16 17:09:00	2024-03-16 17:09:00	1045	0	0.4203
2024-03-16 16:59:30	2024-03-16 16:59:30	1050	0	0.3343
2024-03-16 16:49:59	2024-03-16 16:49:59	1045	0	0.4206
2024-03-16 16:40:29	2024-03-16 16:40:29	1050	0	0.3395
2024-03-16 16:30:59	2024-03-16 16:30:59	1045	0	0.4163
2024-03-16 16:21:29	2024-03-16 16:21:29	1050	0	0.3202
2024-03-16 16:11:59	2024-03-16 16:11:59	1045	0	0.4170
2024-03-16 16:02:29	2024-03-16 16:02:29	1050	0	0.3213
2024-03-16 15:52:58	2024-03-16 15:52:58	1045	0	0.4128
2024-03-16 15:43:28	2024-03-16 15:43:28	1050	0	0.3265
2024-03-16 15:33:58	2024-03-16 15:33:58	1045	0	0.4299
2024-03-16 15:24:28	2024-03-16 15:24:28	1050	0	0.3296
2024-03-16 15:14:58	2024-03-16 15:14:58	1045	0	0.4229
2024-03-16 15:05:28	2024-03-16 15:05:28	1050	0	0.3423

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-16 14:55:57	2024-03-16 14:55:57	1045	0	0.4199
2024-03-16 14:46:27	2024-03-16 14:46:27	1050	0	0.3364
2024-03-16 14:36:57	2024-03-16 14:36:57	1045	0	0.3991
2024-03-16 14:27:27	2024-03-16 14:27:27	1050	0	0.3317
2024-03-16 14:17:57	2024-03-16 14:17:57	1045	0	0.3934
2024-03-16 14:08:27	2024-03-16 14:08:27	1050	0	0.3325
2024-03-16 13:58:56	2024-03-16 13:58:56	1045	0	0.3908
2024-03-16 13:49:26	2024-03-16 13:49:26	1050	0	0.3113
2024-03-16 13:39:56	2024-03-16 13:39:56	1045	0	0.3929
2024-03-16 13:30:26	2024-03-16 13:30:26	1050	0	0.3175
2024-03-16 13:20:56	2024-03-16 13:20:56	1045	0	0.3796
2024-03-16 13:11:26	2024-03-16 13:11:26	1050	0	0.3209
2024-03-16 13:01:55	2024-03-16 13:01:55	1045	0	0.3901
2024-03-16 12:52:25	2024-03-16 12:52:25	1050	0	0.3295
2024-03-16 12:42:55	2024-03-16 12:42:55	1045	0	0.3723
2024-03-16 12:33:25	2024-03-16 12:33:25	1050	0	0.3276
2024-03-16 12:23:55	2024-03-16 12:23:55	1045	0	0.3723
2024-03-16 12:14:25	2024-03-16 12:14:25	1050	0	0.3070
2024-03-16 12:04:55	2024-03-16 12:04:55	1045	0	0.3680
2024-03-16 11:55:25	2024-03-16 11:55:25	1050	0	0.3198
2024-03-16 11:45:55	2024-03-16 11:45:55	1045	0	0.3956
2024-03-16 11:36:24	2024-03-16 11:36:24	1050	0	0.3026
2024-03-16 11:26:54	2024-03-16 11:26:54	1045	0	0.4674
2024-03-15 01:15:29	2024-03-15 01:15:29	1050	0	0.8191
2024-03-15 01:05:59	2024-03-15 01:05:59	1045	0	0.4940
2024-03-15 00:56:29	2024-03-15 00:56:29	1050	0	0.8721
2024-03-15 00:46:59	2024-03-15 00:46:59	1045	0	0.5049
2024-03-15 00:37:29	2024-03-15 00:37:29	1050	0	0.8731
2024-03-15 00:27:58	2024-03-15 00:27:58	1045	0	0.5184
2024-03-15 00:18:28	2024-03-15 00:18:28	1050	0	0.8869

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-15 00:08:58	2024-03-15 00:08:58	1045	0	0.5148
2024-03-14 23:59:28	2024-03-14 23:59:28	1050	0	0.9112
2024-03-14 23:49:58	2024-03-14 23:49:58	1045	0	0.5229
2024-03-14 23:40:28	2024-03-14 23:40:28	1050	0	0.9318
2024-03-14 23:30:57	2024-03-14 23:30:57	1045	0	0.5117
2024-03-14 23:21:27	2024-03-14 23:21:27	1050	0	0.9140
2024-03-14 23:11:57	2024-03-14 23:11:57	1045	0	0.5130
2024-03-14 23:02:27	2024-03-14 23:02:27	1050	0	0.8752
2024-03-14 22:52:57	2024-03-14 22:52:57	1045	0	0.4983
2024-03-14 22:43:27	2024-03-14 22:43:27	1050	0	0.8297
2024-03-14 22:33:56	2024-03-14 22:33:56	1045	0	0.5197
2024-03-14 22:24:26	2024-03-14 22:24:26	1050	0	0.7957
2024-03-14 22:14:56	2024-03-14 22:14:56	1045	0	0.5289
2024-03-14 22:05:26	2024-03-14 22:05:26	1050	0	0.7989
2024-03-14 21:55:56	2024-03-14 21:55:56	1045	0	0.5176
2024-03-14 21:46:26	2024-03-14 21:46:26	1050	0	0.7690
2024-03-14 21:36:56	2024-03-14 21:36:56	1045	0	0.5235
2024-03-14 21:27:25	2024-03-14 21:27:25	1050	0	0.7695
2024-03-14 21:17:55	2024-03-14 21:17:55	1045	0	0.5304
2024-03-14 21:08:25	2024-03-14 21:08:25	1050	0	0.7895
2024-03-14 20:58:55	2024-03-14 20:58:55	1045	0	0.5228
2024-03-14 20:49:25	2024-03-14 20:49:25	1050	0	0.8194
2024-03-14 20:39:55	2024-03-14 20:39:55	1045	0	0.5203
2024-03-14 20:30:25	2024-03-14 20:30:25	1050	0	0.7885
2024-03-14 20:20:54	2024-03-14 20:20:54	1045	0	0.5196
2024-03-14 20:11:24	2024-03-14 20:11:24	1050	0	0.8173
2024-03-14 20:01:54	2024-03-14 20:01:54	1045	0	0.5672
2024-03-14 19:52:24	2024-03-14 19:52:24	1050	0	0.7953
2024-03-14 19:42:54	2024-03-14 19:42:54	1045	0	0.5494
2024-03-14 19:33:23	2024-03-14 19:33:23	1050	0	0.7961

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-14 19:23:53	2024-03-14 19:23:53	1045	0	0.5418
2024-03-14 19:14:23	2024-03-14 19:14:23	1050	0	0.7874
2024-03-14 19:04:53	2024-03-14 19:04:53	1045	0	0.5379
2024-03-14 18:55:23	2024-03-14 18:55:23	1050	0	0.7681
2024-03-14 18:45:52	2024-03-14 18:45:52	1045	0	0.5391
2024-03-14 18:36:22	2024-03-14 18:36:22	1050	0	0.7583
2024-03-14 18:26:52	2024-03-14 18:26:52	1045	0	0.5427
2024-03-14 18:17:22	2024-03-14 18:17:22	1050	0	0.7983
2024-03-14 18:07:52	2024-03-14 18:07:52	1045	0	0.5459
2024-03-14 17:58:22	2024-03-14 17:58:22	1050	0	0.7447
2024-03-14 17:48:52	2024-03-14 17:48:52	1045	0	0.5421
2024-03-14 17:39:22	2024-03-14 17:39:22	1050	0	0.6955
2024-03-14 17:29:52	2024-03-14 17:29:52	1045	0	0.5290
2024-03-14 17:20:21	2024-03-14 17:20:21	1050	0	0.6681
2024-03-14 17:10:51	2024-03-14 17:10:51	1045	0	0.5353
2024-03-14 17:01:21	2024-03-14 17:01:21	1050	0	0.6493
2024-03-14 16:51:51	2024-03-14 16:51:51	1045	0	0.5325
2024-03-14 16:42:21	2024-03-14 16:42:21	1050	0	0.6397
2024-03-14 16:32:51	2024-03-14 16:32:51	1045	0	0.5420
2024-03-14 16:23:20	2024-03-14 16:23:20	1050	0	0.6330
2024-03-14 16:13:50	2024-03-14 16:13:50	1045	0	0.5404
2024-03-14 16:04:20	2024-03-14 16:04:20	1050	0	0.6266
2024-03-14 15:54:50	2024-03-14 15:54:50	1045	0	0.5502
2024-03-14 15:45:20	2024-03-14 15:45:20	1050	0	0.6281
2024-03-14 15:35:50	2024-03-14 15:35:50	1045	0	0.5435
2024-03-14 15:26:20	2024-03-14 15:26:20	1050	0	0.6257
2024-03-14 15:16:49	2024-03-14 15:16:49	1045	0	0.5451
2024-03-14 15:07:19	2024-03-14 15:07:19	1050	0	0.5858
2024-03-14 14:57:49	2024-03-14 14:57:49	1045	0	0.5222
2024-03-14 14:48:19	2024-03-14 14:48:19	1050	0	0.5969

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-14 14:38:49	2024-03-14 14:38:49	1045	0	0.5377
2024-03-14 14:29:19	2024-03-14 14:29:19	1050	0	0.6366
2024-03-14 14:19:48	2024-03-14 14:19:48	1045	0	0.5299
2024-03-14 14:10:18	2024-03-14 14:10:18	1050	0	0.6633
2024-03-14 14:00:48	2024-03-14 14:00:48	1045	0	0.5223
2024-03-14 13:51:18	2024-03-14 13:51:18	1050	0	0.6188
2024-03-14 13:41:48	2024-03-14 13:41:48	1045	0	0.5099
2024-03-14 13:32:18	2024-03-14 13:32:18	1050	0	0.6291
2024-03-14 13:22:47	2024-03-14 13:22:47	1045	0	0.5159
2024-03-14 13:13:17	2024-03-14 13:13:17	1050	0	0.5652
2024-03-14 13:03:47	2024-03-14 13:03:47	1045	0	0.5001
2024-03-14 12:54:17	2024-03-14 12:54:17	1050	0	0.4911
2024-03-14 12:44:47	2024-03-14 12:44:47	1045	0	0.4732
2024-03-14 12:35:17	2024-03-14 12:35:17	1050	0	0.4647
2024-03-14 12:25:46	2024-03-14 12:25:46	1045	0	0.4731
2024-03-14 12:16:16	2024-03-14 12:16:16	1050	0	0.4309
2024-03-14 12:06:46	2024-03-14 12:06:46	1045	0	0.4697
2024-03-14 11:57:16	2024-03-14 11:57:16	1050	0	0.3983
2024-03-14 11:47:46	2024-03-14 11:47:46	1045	0	0.4659
2024-03-14 11:38:16	2024-03-14 11:38:16	1050	0	0.3746
2024-03-14 11:28:46	2024-03-14 11:28:46	1045	0	0.4764
2024-03-14 11:19:15	2024-03-14 11:19:15	1050	0	0.3904
2024-03-14 11:09:45	2024-03-14 11:09:45	1045	0	0.4865
2024-03-14 11:00:15	2024-03-14 11:00:15	1050	0	0.3800
2024-03-14 10:50:45	2024-03-14 10:50:45	1045	0	0.4637
2024-03-14 10:41:15	2024-03-14 10:41:15	1050	0	0.3889
2024-03-14 10:31:44	2024-03-14 10:31:44	1045	0	0.4534
2024-03-14 10:22:14	2024-03-14 10:22:14	1050	0	0.3601
2024-03-14 10:12:44	2024-03-14 10:12:44	1045	0	0.4438
2024-03-14 10:03:14	2024-03-14 10:03:14	1050	0	0.3593

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-14 09:53:44	2024-03-14 09:53:44	1045	0	0.4286
2024-03-14 09:44:13	2024-03-14 09:44:13	1050	0	0.3662
2024-03-14 09:34:43	2024-03-14 09:34:43	1045	0	0.3766
2024-03-14 09:25:13	2024-03-14 09:25:13	1050	0	0.4030
2024-03-14 09:15:43	2024-03-14 09:15:43	1045	0	0.4053
2024-03-03 23:46:29	2024-03-03 23:46:29	1045	0	0.4440
2024-03-03 23:36:59	2024-03-03 23:36:59	1050	0	0.4933
2024-03-03 23:27:29	2024-03-03 23:27:29	1045	0	0.4484
2024-03-03 23:17:59	2024-03-03 23:17:59	1050	0	0.5050
2024-03-03 23:08:28	2024-03-03 23:08:28	1045	0	0.4275
2024-03-03 22:58:58	2024-03-03 22:58:58	1050	0	0.4936
2024-03-03 22:49:28	2024-03-03 22:49:28	1045	0	0.4452
2024-03-03 22:39:58	2024-03-03 22:39:58	1050	0	0.5000
2024-03-03 22:30:28	2024-03-03 22:30:28	1045	0	0.4485
2024-03-03 22:20:58	2024-03-03 22:20:58	1050	0	0.5164
2024-03-03 22:11:28	2024-03-03 22:11:28	1045	0	0.4493
2024-03-03 22:01:57	2024-03-03 22:01:57	1050	0	0.5193
2024-03-03 21:52:27	2024-03-03 21:52:27	1045	0	0.4570
2024-03-03 21:42:57	2024-03-03 21:42:57	1050	0	0.5241
2024-03-03 21:33:27	2024-03-03 21:33:27	1045	0	0.4485
2024-03-03 21:23:57	2024-03-03 21:23:57	1050	0	0.5288
2024-03-03 21:14:27	2024-03-03 21:14:27	1045	0	0.4463
2024-03-03 21:04:57	2024-03-03 21:04:57	1050	0	0.5453
2024-03-03 20:55:27	2024-03-03 20:55:27	1045	0	0.4633
2024-03-03 20:45:56	2024-03-03 20:45:56	1050	0	0.5332
2024-03-03 20:36:26	2024-03-03 20:36:26	1045	0	0.4660
2024-03-03 20:26:56	2024-03-03 20:26:56	1050	0	0.5373
2024-03-03 20:17:26	2024-03-03 20:17:26	1045	0	0.4486
2024-03-03 20:07:56	2024-03-03 20:07:56	1050	0	0.5455
2024-03-03 19:58:26	2024-03-03 19:58:26	1045	0	0.4684

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-03 19:48:56	2024-03-03 19:48:56	1050	0	0.5411
2024-03-03 19:39:25	2024-03-03 19:39:25	1045	0	0.4474
2024-03-03 19:29:55	2024-03-03 19:29:55	1050	0	0.5451
2024-03-03 19:20:25	2024-03-03 19:20:25	1045	0	0.4486
2024-03-03 19:10:55	2024-03-03 19:10:55	1050	0	0.5510
2024-03-03 19:01:25	2024-03-03 19:01:25	1045	0	0.4609
2024-03-03 18:51:55	2024-03-03 18:51:55	1050	0	0.4908
2024-03-03 18:42:24	2024-03-03 18:42:24	1045	0	0.4509
2024-03-03 18:32:54	2024-03-03 18:32:54	1050	0	0.4808
2024-03-03 18:23:24	2024-03-03 18:23:24	1045	0	0.4523
2024-03-03 18:13:54	2024-03-03 18:13:54	1050	0	0.4968
2024-03-03 18:04:24	2024-03-03 18:04:24	1045	0	0.4448
2024-03-03 17:54:54	2024-03-03 17:54:54	1050	0	0.5050
2024-03-03 17:45:23	2024-03-03 17:45:23	1045	0	0.4541
2024-03-03 17:35:53	2024-03-03 17:35:53	1050	0	0.5046
2024-03-03 17:16:53	2024-03-03 17:16:53	1050	0	0.4970
2024-03-03 17:07:23	2024-03-03 17:07:23	1045	0	0.4381
2024-03-03 16:57:53	2024-03-03 16:57:53	1050	0	0.5485
2024-03-03 16:48:23	2024-03-03 16:48:23	1045	0	0.4689
2024-03-03 16:38:53	2024-03-03 16:38:53	1050	0	0.5760
2024-03-03 16:29:22	2024-03-03 16:29:22	1045	0	0.4754
2024-03-03 16:19:52	2024-03-03 16:19:52	1050	0	0.4381
2024-03-03 16:10:22	2024-03-03 16:10:22	1045	0	0.0000
2024-03-03 10:53:21	2024-03-03 10:53:21	1045	0	0.4219
2024-03-03 10:43:51	2024-03-03 10:43:51	1050	0	0.4263
2024-03-03 10:34:20	2024-03-03 10:34:20	1045	0	0.4300
2024-03-03 10:24:50	2024-03-03 10:24:50	1050	0	0.4222
2024-03-03 10:15:20	2024-03-03 10:15:20	1045	0	0.4234
2024-03-03 10:05:50	2024-03-03 10:05:50	1050	0	0.4101
2024-03-03 09:56:20	2024-03-03 09:56:20	1045	0	0.4371

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-03 09:46:49	2024-03-03 09:46:49	1050	0	0.4111
2024-03-03 09:37:19	2024-03-03 09:37:19	1045	0	0.4242
2024-03-03 09:27:49	2024-03-03 09:27:49	1050	0	0.4014
2024-03-03 09:18:19	2024-03-03 09:18:19	1045	0	0.4325
2024-03-03 09:08:49	2024-03-03 09:08:49	1050	0	0.4083
2024-03-03 08:59:19	2024-03-03 08:59:19	1045	0	0.4292
2024-03-03 08:49:49	2024-03-03 08:49:49	1050	0	0.4072
2024-03-03 08:40:18	2024-03-03 08:40:18	1045	0	0.4362
2024-03-03 08:30:48	2024-03-03 08:30:48	1050	0	0.4179
2024-03-03 08:21:18	2024-03-03 08:21:18	1045	0	0.4389
2024-03-03 08:11:48	2024-03-03 08:11:48	1050	0	0.4217
2024-03-03 08:02:18	2024-03-03 08:02:18	1045	0	0.4415
2024-03-03 07:52:48	2024-03-03 07:52:48	1050	0	0.3991
2024-03-03 07:43:18	2024-03-03 07:43:18	1045	0	0.4262
2024-03-03 07:33:47	2024-03-03 07:33:47	1050	0	0.4062
2024-03-03 07:24:17	2024-03-03 07:24:17	1045	0	0.4187
2024-03-03 07:14:47	2024-03-03 07:14:47	1050	0	0.4089
2024-03-03 07:05:17	2024-03-03 07:05:17	1045	0	0.4403
2024-03-03 06:55:47	2024-03-03 06:55:47	1050	0	0.4059
2024-03-03 06:46:17	2024-03-03 06:46:17	1045	0	0.4446
2024-03-03 06:36:47	2024-03-03 06:36:47	1050	0	0.3995
2024-03-03 06:27:16	2024-03-03 06:27:16	1045	0	0.4253
2024-03-03 06:17:46	2024-03-03 06:17:46	1050	0	0.4033
2024-03-03 06:08:16	2024-03-03 06:08:16	1045	0	0.4424
2024-03-03 05:58:46	2024-03-03 05:58:46	1050	0	0.3991
2024-03-03 05:49:16	2024-03-03 05:49:16	1045	0	0.4337
2024-03-03 05:39:45	2024-03-03 05:39:45	1050	0	0.3893
2024-03-03 05:30:15	2024-03-03 05:30:15	1045	0	0.4453
2024-03-03 05:20:45	2024-03-03 05:20:45	1050	0	0.3936
2024-03-03 05:11:15	2024-03-03 05:11:15	1045	0	0.4507

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-03 05:01:45	2024-03-03 05:01:45	1050	0	0.4098
2024-03-03 04:52:14	2024-03-03 04:52:14	1045	0	0.4405
2024-03-03 04:42:44	2024-03-03 04:42:44	1050	0	0.3963
2024-03-03 04:33:14	2024-03-03 04:33:14	1045	0	0.4519
2024-03-03 04:23:44	2024-03-03 04:23:44	1050	0	0.3972
2024-03-03 04:14:14	2024-03-03 04:14:14	1045	0	0.4444
2024-03-03 04:04:44	2024-03-03 04:04:44	1050	0	0.3996
2024-03-03 03:55:13	2024-03-03 03:55:13	1045	0	0.4424
2024-03-03 03:45:43	2024-03-03 03:45:43	1050	0	0.4103
2024-03-03 03:36:13	2024-03-03 03:36:13	1045	0	0.4491
2024-03-03 03:26:43	2024-03-03 03:26:43	1050	0	0.3888
2024-03-03 03:17:13	2024-03-03 03:17:13	1045	0	0.4378
2024-03-03 03:07:43	2024-03-03 03:07:43	1050	0	0.3998
2024-03-03 02:58:12	2024-03-03 02:58:12	1045	0	0.4471
2024-03-03 02:48:42	2024-03-03 02:48:42	1050	0	0.4168
2024-03-03 02:39:12	2024-03-03 02:39:12	1045	0	0.4508
2024-03-03 02:29:42	2024-03-03 02:29:42	1050	0	0.4058
2024-03-03 02:20:12	2024-03-03 02:20:12	1045	0	0.4661
2024-03-03 02:10:42	2024-03-03 02:10:42	1050	0	0.4054
2024-03-03 02:01:12	2024-03-03 02:01:12	1045	0	0.4429
2024-03-03 01:51:41	2024-03-03 01:51:41	1050	0	0.4099
2024-03-03 01:42:11	2024-03-03 01:42:11	1045	0	0.4464
2024-03-03 01:32:41	2024-03-03 01:32:41	1050	0	0.4015
2024-03-03 01:23:11	2024-03-03 01:23:11	1045	0	0.4393
2024-03-03 01:13:41	2024-03-03 01:13:41	1050	0	0.4122
2024-03-03 01:04:11	2024-03-03 01:04:11	1045	0	0.4405
2024-03-03 00:54:41	2024-03-03 00:54:41	1050	0	0.4219
2024-03-03 00:45:11	2024-03-03 00:45:11	1045	0	0.4501
2024-03-03 00:35:40	2024-03-03 00:35:40	1050	0	0.4106
2024-03-03 00:26:10	2024-03-03 00:26:10	1045	0	0.4513

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-03 00:16:40	2024-03-03 00:16:40	1050	0	0.3935
2024-03-03 00:07:10	2024-03-03 00:07:10	1045	0	0.4463
2024-03-02 23:57:40	2024-03-02 23:57:40	1050	0	0.4096
2024-03-02 23:48:10	2024-03-02 23:48:10	1045	0	0.4485
2024-03-02 23:38:40	2024-03-02 23:38:40	1050	0	0.4001
2024-03-02 23:29:10	2024-03-02 23:29:10	1045	0	0.4460
2024-03-02 23:19:39	2024-03-02 23:19:39	1050	0	0.4242
2024-03-02 23:10:09	2024-03-02 23:10:09	1045	0	0.4415
2024-03-02 23:00:39	2024-03-02 23:00:39	1050	0	0.4137
2024-03-02 22:51:09	2024-03-02 22:51:09	1045	0	0.4426
2024-03-02 22:41:39	2024-03-02 22:41:39	1050	0	0.4324
2024-03-02 22:32:09	2024-03-02 22:32:09	1045	0	0.4353
2024-03-02 22:22:39	2024-03-02 22:22:39	1050	0	0.4281
2024-03-02 22:13:08	2024-03-02 22:13:08	1045	0	0.4558
2024-03-02 22:03:38	2024-03-02 22:03:38	1050	0	0.4322
2024-03-02 21:54:08	2024-03-02 21:54:08	1045	0	0.4528
2024-03-02 21:44:38	2024-03-02 21:44:38	1050	0	0.4206
2024-03-02 21:35:08	2024-03-02 21:35:08	1045	0	0.4481
2024-03-02 21:25:37	2024-03-02 21:25:37	1050	0	0.4191
2024-03-02 21:16:07	2024-03-02 21:16:07	1045	0	0.4524
2024-03-02 21:06:37	2024-03-02 21:06:37	1050	0	0.4360
2024-03-02 20:57:07	2024-03-02 20:57:07	1045	0	0.4356
2024-03-02 20:47:37	2024-03-02 20:47:37	1050	0	0.4313
2024-03-02 20:38:07	2024-03-02 20:38:07	1045	0	0.4461
2024-03-02 20:28:36	2024-03-02 20:28:36	1050	0	0.4345
2024-03-02 20:19:06	2024-03-02 20:19:06	1045	0	0.4373
2024-03-02 20:09:36	2024-03-02 20:09:36	1050	0	0.4319
2024-03-02 20:00:06	2024-03-02 20:00:06	1045	0	0.4533
2024-03-02 19:50:36	2024-03-02 19:50:36	1050	0	0.4537
2024-03-02 19:41:06	2024-03-02 19:41:06	1045	0	0.4231

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-02 19:31:36	2024-03-02 19:31:36	1050	0	0.4471
2024-03-02 19:22:06	2024-03-02 19:22:06	1045	0	0.4375
2024-03-02 19:12:35	2024-03-02 19:12:35	1050	0	0.4467
2024-03-02 19:03:05	2024-03-02 19:03:05	1045	0	0.4427
2024-03-02 18:53:35	2024-03-02 18:53:35	1050	0	0.4510
2024-03-02 18:44:05	2024-03-02 18:44:05	1045	0	0.4395
2024-03-02 18:34:35	2024-03-02 18:34:35	1050	0	0.4599
2024-03-02 18:25:05	2024-03-02 18:25:05	1045	0	0.4382
2024-03-02 18:15:35	2024-03-02 18:15:35	1050	0	0.4645
2024-03-02 18:06:05	2024-03-02 18:06:05	1045	0	0.4253
2024-03-02 17:56:34	2024-03-02 17:56:34	1050	0	0.4642
2024-03-02 17:47:04	2024-03-02 17:47:04	1045	0	0.4389
2024-03-02 17:37:34	2024-03-02 17:37:34	1050	0	0.4655
2024-03-02 17:28:04	2024-03-02 17:28:04	1045	0	0.4133
2024-03-02 17:18:34	2024-03-02 17:18:34	1050	0	0.4474
2024-03-02 17:09:04	2024-03-02 17:09:04	1045	0	0.4283
2024-03-02 16:59:33	2024-03-02 16:59:33	1050	0	0.4727
2024-03-02 16:50:03	2024-03-02 16:50:03	1045	0	0.4189
2024-03-02 16:40:33	2024-03-02 16:40:33	1050	0	0.4568
2024-03-02 16:31:03	2024-03-02 16:31:03	1045	0	0.4261
2024-03-02 16:21:33	2024-03-02 16:21:33	1050	0	0.4616
2024-03-02 16:12:03	2024-03-02 16:12:03	1045	0	0.4242
2024-03-02 16:02:32	2024-03-02 16:02:32	1050	0	0.4469
2024-03-02 15:53:02	2024-03-02 15:53:02	1045	0	0.4268
2024-03-02 15:43:32	2024-03-02 15:43:32	1050	0	0.4466
2024-03-02 15:34:02	2024-03-02 15:34:02	1045	0	0.4343
2024-03-02 15:24:32	2024-03-02 15:24:32	1050	0	0.4277
2024-03-02 15:15:01	2024-03-02 15:15:01	1045	0	0.4302
2024-03-02 15:05:31	2024-03-02 15:05:31	1050	0	0.4453
2024-03-02 14:56:01	2024-03-02 14:56:01	1045	0	0.4469

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-02 14:46:31	2024-03-02 14:46:31	1050	0	0.4251
2024-03-02 14:37:01	2024-03-02 14:37:01	1045	0	0.4380
2024-03-02 14:27:31	2024-03-02 14:27:31	1050	0	0.4309
2024-03-02 14:18:01	2024-03-02 14:18:01	1045	0	0.4308
2024-03-02 14:08:31	2024-03-02 14:08:31	1050	0	0.4150
2024-03-02 13:59:01	2024-03-02 13:59:01	1045	0	0.4150
2024-03-02 13:49:30	2024-03-02 13:49:30	1050	0	0.3998
2024-03-02 13:40:00	2024-03-02 13:40:00	1045	0	0.4143
2024-03-02 13:30:30	2024-03-02 13:30:30	1050	0	0.3916
2024-03-02 13:21:00	2024-03-02 13:21:00	1045	0	0.4010
2024-03-02 13:11:30	2024-03-02 13:11:30	1050	0	0.3837
2024-03-02 13:02:00	2024-03-02 13:02:00	1045	0	0.4165
2024-03-02 12:52:30	2024-03-02 12:52:30	1050	0	0.3760
2024-03-02 12:43:00	2024-03-02 12:43:00	1045	0	0.3974
2024-03-02 12:33:29	2024-03-02 12:33:29	1050	0	0.3696
2024-03-02 12:23:59	2024-03-02 12:23:59	1045	0	0.4070
2024-03-02 12:14:29	2024-03-02 12:14:29	1050	0	0.3715
2024-03-02 12:04:59	2024-03-02 12:04:59	1045	0	0.4248
2024-03-02 11:55:29	2024-03-02 11:55:29	1050	0	0.3769
2024-03-02 11:45:58	2024-03-02 11:45:58	1045	0	0.4078
2024-03-02 11:36:28	2024-03-02 11:36:28	1050	0	0.3882
2024-03-02 11:26:58	2024-03-02 11:26:58	1045	0	0.4228
2024-03-02 11:17:28	2024-03-02 11:17:28	1050	0	0.3758
2024-03-02 11:07:58	2024-03-02 11:07:58	1045	0	0.4149
2024-03-02 10:58:28	2024-03-02 10:58:28	1050	0	0.3812
2024-03-02 10:48:57	2024-03-02 10:48:57	1045	0	0.4067
2024-03-02 10:39:27	2024-03-02 10:39:27	1050	0	0.3731
2024-03-02 10:29:57	2024-03-02 10:29:57	1045	0	0.4354
2024-03-02 10:20:27	2024-03-02 10:20:27	1050	0	0.3794
2024-03-02 10:10:57	2024-03-02 10:10:57	1045	0	0.4208

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-02 10:01:27	2024-03-02 10:01:27	1050	0	0.3823
2024-03-02 09:51:57	2024-03-02 09:51:57	1045	0	0.4201
2024-03-02 09:42:26	2024-03-02 09:42:26	1050	0	0.3831
2024-03-02 09:32:56	2024-03-02 09:32:56	1045	0	0.4415
2024-03-02 09:23:26	2024-03-02 09:23:26	1050	0	0.3650
2024-03-02 09:13:56	2024-03-02 09:13:56	1045	0	0.4367
2024-03-02 09:04:26	2024-03-02 09:04:26	1050	0	0.3677
2024-03-02 08:54:56	2024-03-02 08:54:56	1045	0	0.4310
2024-03-02 08:45:26	2024-03-02 08:45:26	1050	0	0.3826
2024-03-02 08:35:56	2024-03-02 08:35:56	1045	0	0.4431
2024-03-02 08:26:25	2024-03-02 08:26:25	1050	0	0.3934
2024-03-02 08:16:55	2024-03-02 08:16:55	1045	0	0.4504
2024-03-02 08:07:25	2024-03-02 08:07:25	1050	0	0.3922
2024-03-02 07:57:55	2024-03-02 07:57:55	1045	0	0.4475
2024-03-02 07:48:25	2024-03-02 07:48:25	1050	0	0.3994
2024-03-02 07:38:55	2024-03-02 07:38:55	1045	0	0.4535
2024-03-02 07:29:25	2024-03-02 07:29:25	1050	0	0.3998
2024-03-02 07:19:54	2024-03-02 07:19:54	1045	0	0.4433
2024-03-02 07:10:24	2024-03-02 07:10:24	1050	0	0.4011
2024-03-02 07:00:54	2024-03-02 07:00:54	1045	0	0.4503
2024-03-02 06:51:24	2024-03-02 06:51:24	1050	0	0.3978
2024-03-02 06:41:54	2024-03-02 06:41:54	1045	0	0.4570
2024-03-02 06:32:24	2024-03-02 06:32:24	1050	0	0.3711
2024-03-02 06:22:54	2024-03-02 06:22:54	1045	0	0.4408
2024-03-02 06:13:23	2024-03-02 06:13:23	1050	0	0.3877
2024-03-02 06:03:53	2024-03-02 06:03:53	1045	0	0.4320
2024-03-02 05:54:23	2024-03-02 05:54:23	1050	0	0.3711
2024-03-02 05:44:53	2024-03-02 05:44:53	1045	0	0.4364
2024-03-02 05:35:23	2024-03-02 05:35:23	1050	0	0.3740
2024-03-02 05:25:52	2024-03-02 05:25:52	1045	0	0.4354

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-02 05:16:22	2024-03-02 05:16:22	1050	0	0.3637
2024-03-02 05:06:52	2024-03-02 05:06:52	1045	0	0.4070
2024-03-02 04:57:22	2024-03-02 04:57:22	1050	0	0.3645
2024-03-02 04:47:52	2024-03-02 04:47:52	1045	0	0.4271
2024-03-02 04:38:22	2024-03-02 04:38:22	1050	0	0.3723
2024-03-02 04:28:52	2024-03-02 04:28:52	1045	0	0.4234
2024-03-02 04:19:21	2024-03-02 04:19:21	1050	0	0.3831
2024-03-02 04:09:51	2024-03-02 04:09:51	1045	0	0.4281
2024-03-02 04:00:21	2024-03-02 04:00:21	1050	0	0.3803
2024-03-02 03:50:51	2024-03-02 03:50:51	1045	0	0.4358
2024-03-02 03:41:21	2024-03-02 03:41:21	1050	0	0.3789
2024-03-02 03:31:51	2024-03-02 03:31:51	1045	0	0.4267
2024-03-02 03:22:20	2024-03-02 03:22:20	1050	0	0.3651
2024-03-02 03:12:50	2024-03-02 03:12:50	1045	0	0.4193
2024-03-02 03:03:20	2024-03-02 03:03:20	1050	0	0.3773
2024-03-02 02:53:50	2024-03-02 02:53:50	1045	0	0.4268
2024-03-02 02:44:20	2024-03-02 02:44:20	1050	0	0.3754
2024-03-02 02:34:50	2024-03-02 02:34:50	1045	0	0.4245
2024-03-02 02:25:20	2024-03-02 02:25:20	1050	0	0.3728
2024-03-02 02:15:49	2024-03-02 02:15:49	1045	0	0.4019
2024-03-02 02:06:19	2024-03-02 02:06:19	1050	0	0.3783
2024-03-02 01:56:49	2024-03-02 01:56:49	1045	0	0.4237
2024-03-02 01:47:19	2024-03-02 01:47:19	1050	0	0.3677
2024-03-02 01:37:49	2024-03-02 01:37:49	1045	0	0.4081
2024-03-02 01:28:19	2024-03-02 01:28:19	1050	0	0.3918
2024-03-02 01:18:48	2024-03-02 01:18:48	1045	0	0.4209
2024-03-02 01:09:18	2024-03-02 01:09:18	1050	0	0.3716
2024-03-02 00:59:48	2024-03-02 00:59:48	1045	0	0.4248
2024-03-02 00:50:18	2024-03-02 00:50:18	1050	0	0.3819
2024-03-02 00:40:48	2024-03-02 00:40:48	1045	0	0.4169

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-02 00:31:18	2024-03-02 00:31:18	1050	0	0.3805
2024-03-02 00:21:48	2024-03-02 00:21:48	1045	0	0.4370
2024-03-02 00:12:18	2024-03-02 00:12:18	1050	0	0.3915
2024-03-02 00:02:47	2024-03-02 00:02:47	1045	0	0.4360
2024-03-01 23:53:17	2024-03-01 23:53:17	1050	0	0.3938
2024-03-01 23:43:47	2024-03-01 23:43:47	1045	0	0.4258
2024-03-01 23:34:17	2024-03-01 23:34:17	1050	0	0.3903
2024-03-01 23:24:47	2024-03-01 23:24:47	1045	0	0.4222
2024-03-01 23:15:17	2024-03-01 23:15:17	1050	0	0.3801
2024-03-01 23:05:47	2024-03-01 23:05:47	1045	0	0.4344
2024-03-01 22:56:17	2024-03-01 22:56:17	1050	0	0.4086
2024-03-01 22:46:47	2024-03-01 22:46:47	1045	0	0.4226
2024-03-01 22:37:16	2024-03-01 22:37:16	1050	0	0.3961
2024-03-01 22:27:46	2024-03-01 22:27:46	1045	0	0.4375
2024-03-01 22:18:16	2024-03-01 22:18:16	1050	0	0.3829
2024-03-01 22:08:46	2024-03-01 22:08:46	1045	0	0.4263
2024-03-01 21:59:16	2024-03-01 21:59:16	1050	0	0.3947
2024-03-01 21:49:46	2024-03-01 21:49:46	1045	0	0.4224
2024-03-01 21:40:15	2024-03-01 21:40:15	1050	0	0.3908
2024-03-01 21:30:45	2024-03-01 21:30:45	1045	0	0.4257
2024-03-01 21:21:15	2024-03-01 21:21:15	1050	0	0.3931
2024-03-01 21:11:45	2024-03-01 21:11:45	1045	0	0.4462
2024-03-01 21:02:15	2024-03-01 21:02:15	1050	0	0.4007
2024-03-01 20:52:45	2024-03-01 20:52:45	1045	0	0.4409
2024-03-01 20:43:15	2024-03-01 20:43:15	1050	0	0.3936
2024-03-01 20:33:44	2024-03-01 20:33:44	1045	0	0.4250
2024-03-01 20:24:14	2024-03-01 20:24:14	1050	0	0.3915
2024-03-01 20:14:44	2024-03-01 20:14:44	1045	0	0.4430
2024-03-01 20:05:14	2024-03-01 20:05:14	1050	0	0.4094
2024-03-01 19:55:43	2024-03-01 19:55:43	1045	0	0.4480

Attachment E. Analytical Results of Continuous Monitoring of Units 1045 and 1050 Community Within the Corridor-East Block

Actual Date and Time	Contour Date and Time	DCP Name	ZLevel	TCE Reading µg/m^3
2024-03-01 19:46:13	2024-03-01 19:46:13	1050	0	0.3877
2024-03-01 19:36:43	2024-03-01 19:36:43	1045	0	0.4476
2024-03-01 19:27:13	2024-03-01 19:27:13	1050	0	0.4150
2024-03-01 19:17:43	2024-03-01 19:17:43	1045	0	0.4294
2024-03-01 19:08:13	2024-03-01 19:08:13	1050	0	0.4025
2024-03-01 18:58:43	2024-03-01 18:58:43	1045	0	0.4388
2024-03-01 18:49:12	2024-03-01 18:49:12	1050	0	0.3995
2024-03-01 18:39:42	2024-03-01 18:39:42	1045	0	0.4326
2024-03-01 18:30:12	2024-03-01 18:30:12	1050	0	0.3946
2024-03-01 18:20:42	2024-03-01 18:20:42	1045	0	0.4068
2024-03-01 18:11:12	2024-03-01 18:11:12	1050	0	0.3978
2024-03-01 18:01:42	2024-03-01 18:01:42	1045	0	0.4148
2024-03-01 17:52:12	2024-03-01 17:52:12	1050	0	0.4025
2024-03-01 17:42:42	2024-03-01 17:42:42	1045	0	0.4024
2024-03-01 17:33:11	2024-03-01 17:33:11	1050	0	0.3931
2024-03-01 17:23:41	2024-03-01 17:23:41	1045	0	0.4020
2024-03-01 17:14:11	2024-03-01 17:14:11	1050	0	0.3850
2024-03-01 17:04:41	2024-03-01 17:04:41	1045	0	0.3995
2024-03-01 16:55:11	2024-03-01 16:55:11	1050	0	0.3868
2024-03-01 16:45:41	2024-03-01 16:45:41	1045	0	0.3589
2024-03-01 16:36:10	2024-03-01 16:36:10	1050	0	0.3912
2024-03-01 16:26:40	2024-03-01 16:26:40	1045	0	0.3485
2024-03-01 16:17:10	2024-03-01 16:17:10	1050	0	0.0000
2024-03-01 16:07:40	2024-03-01 16:07:40	1045	0	0.4148