January 15, 2025

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

Project # 40441

Subject: **Groundwater Monitoring Status Report**
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 Limited Partnership (CWC), K. Singh & Associates, Inc. (KSingh) prepared this *Groundwater Monitoring Status Report* for the referenced project.

Groundwater Sampling

Groundwater sampling was completed on October 30 and 31, 2024, for seven (7) of the nine (9) groundwater monitoring wells located on the site (EB-MW-2, EB-MW-4RR, EB-MW-5, EB-MW-6, EB-MW-8, EB-MW-9, and EB-MW-10). Figure 1 presents a site location map, and Figure 2 presents the groundwater monitoring well locations. Groundwater monitoring well EB-MW-1 was dry, and groundwater monitoring well EB-MW-3R could not be located. Because of slow groundwater recharge to groundwater monitoring wells EB-MW-4RR, and EB-MW-5, groundwater sampling was completed on October 31, 2024.

Before groundwater sampling, the monitoring well's expandable caps were removed, and groundwater was allowed to equilibrate before measuring static water levels. Depth to water was measured in each monitoring well using a Durham Geo Slope Indicator water level indicator and measuring from the top of the polyvinyl chloride (PVC) casing. Groundwater was then purged from each well with a dedicated, clean bailer. Groundwater elevation data is summarized in Table 1.

Following purging, groundwater samples were collected following the DNR's Groundwater Field Sampling Manual, placed in laboratory-supplied containers, and preserved on ice in a cooler. The groundwater samples were submitted to Eurofins - Test America, Inc. (Eurofins), University Park, Illinois using proper chain-of-custody procedures for laboratory analysis. Groundwater samples from all wells were analyzed for VOCs using EPA Method 8260D, PAHs using EPA Method 8270E, RCRA Metals using EPA Method 6020B/7470A, and PCBs using EPA Method 8082E. Eurofins filtered groundwater samples analyzed for RCRA metals. Groundwater samples from EB-MW-2, EB-MW-4RR, and EB-MW-6 were analyzed for 1,4-Dioxane using EPA Method 8270E. A duplicate sample was collected from EB-MW-10, and submitted for VOC laboratory analysis. The trip blank which accompanied the samples was also analyzed for VOCs.

Approximately 171 gallons of purge water from October 30, 2024, was poured into the Milwaukee Metropolitan Sewerage District's approved NOI discharge location.

Site Hydrogeology

The October 30, 2024, static water levels in the groundwater monitoring wells ranged from approximately 8.00 feet below top of PVC casing (TOC) in EB-MW-10 to 23.37 feet below TOC in EB-MW-6, or 677.51 and 652.34 feet mean sea level, respectively. A groundwater contour map, generated from October 30, 2024, static water levels is presented in Figure 3.

Overall, the site groundwater flow direction is towards the southeast, from EB-MW-10, located in the northern courtyard, towards EB-MW-4RR, located near the southeastern corner of the site. However, there is a local depression/anomaly in the area surrounding EB-MW-6. The groundwater elevation is lowest at EB-MW-6, and groundwater flows from EB-MW-2, EB-MW-4RR, and EB-MW-5 towards EB-MW-6. There is also a flow component from EB-MW-10, which has the highest site groundwater elevation, towards EB-MW-2, EB-MW-8, and EB-MW-9. Horizontal hydraulic gradients ranged from 0.02 feet/foot (ft/ft) between EB-MW-2 and EB-MW-5, to 0.09 ft/ft between EB-MW-10 and EB-MW-9.

Groundwater Regulatory Criteria and Analytical Results

Groundwater analytical results are summarized in the attached Tables 2 through 6. Groundwater quality figures, prepared to illustrate the extent of Wisconsin Administrative Code (WAC), NR 140 exceedances are presented as Figures 4 through 8. The laboratory report and chain-of-custody form are included in Attachment A.

The WDNR has established groundwater quality standards outlined in WAC, NR 140. Two standards have been established for each regulated compound: the Enforcement Standard (ES) and the Preventive Action Limit (PAL). Generally, if the regulated contaminant exceeds the PAL, but is below the ES, the WDNR may require additional investigation/continued monitoring. If the regulated contaminant exceeds its ES, the WDNR may require additional investigation, continued monitoring, and/or remediation.

VOCs were not detected at concentrations above method detection limits (MDLs) in groundwater from MW-4R, MW-5, and MW-6. 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, cis-1,2-dichloroethene, naphthalene, trichloroethene (TCE), and vinyl chloride (VC) were the only parameters detected at concentrations above NR 140 standards. The VOC groundwater analytical data is summarized in Table 2, and the estimated extent of VOCs at concentrations above NR 140 standards is presented in Figure 4.

- 1,2,4-TMB was detected at concentrations above its PAL of 96 micrograms per liter (ug/L) in groundwater from MW-2 and MW-10 at concentrations of 180 ug/L and 240 ug/L, respectively.
- 1,3,5-TMB was detected at concentrations above its PAL of 96 ug/L in groundwater from MW-10 at a concentration of 70 ug/L.
- Benzene was detected at a concentration above its ES of 5 ug/L in groundwater from MW-2 at 30 ug/L, and at a concentration above its PAL of 0.5 ug/L in groundwater from MW-10 at 2.2 ug/L.
- cis-1,2-dichloroethene was detected at a concentration above its PAL of 7 ug/L in groundwater from MW-10 at a concentration of 50 ug/L.
- Naphthalene was detected at concentrations above its PAL of 10 ug/L in groundwater from MW-2 and MW-10 at concentrations of 24 ug/L and 19 ug/L, respectively.
- TCE was detected at a concentration above its ES of 5 ug/L in groundwater from MW-10 at 6.8 ug/L, and a concentration above its PAL of 0.5 ug/L in groundwater from MW-2 at 0.63 ug/L.
- VC was detected at concentrations above its ES of 0.2 ug/L in groundwater from MW-2 and MW-10 at 7.8 ug/L and 16 ug/L, respectively. VC was detected at an estimated concentration above its PAL of

0.02 ug/L in MW-8 at 0.87 ug/L.

PAHs were not detected at concentrations above MDLs in groundwater from MW-4RR, MW-5, and MW-8. Benzo (a) pyrene, benzo(b) fluoranthene, chrysene, and naphthalene were the only PAHs detected at concentrations above NR 140 standards. The PAH groundwater analytical data is summarized in Table 3, and the estimated extent of PAHs at concentrations above NR 140 standards is presented in Figure 5.

- Benzo (a) pyrene was detected at a concentration above its PAL of 0.02 ug/L in groundwater from MW-10 at 0.17 ug/L.
- Benzo(b) fluoranthene was detected at a concentration above its PAL of 0.02 ug/L in groundwater from MW-10 at 0.18 ug/L.
- Chrysene was detected at a concentration above its ES of 0.2 ug/L in groundwater from MW-10 at 0.23 ug/L.
- Naphthalene was detected at a concentration above its ES of 10 ug/L in groundwater from MW-2 at 11 ug/L.

Arsenic, barium, cadmium, chromium, lead, and selenium were the metals detected at concentrations above NR 140 standards. The metals groundwater analytical data is summarized in Table 4, and the estimated extent of metals at concentrations above NR 140 standards is presented in Figure 6.

- Arsenic was detected at concentrations above its PAL of 1 ug/L in groundwater from MW-2, MW-4RR, MW-5, MW-9, and MW-10 at concentrations ranging from 4.3 ug/L to 9.1 ug/L, and in MW-8 at a concentration of 47 ug/L which is above its ES of 10 ug/L.
- Barium was detected at a concentration above its PAL of 400 ug/L in groundwater from MW-5 at 670 ug/L.
- Cadmium was detected at a concentration above its PAL of 0.50 ug/L in groundwater from MW-4RR and MW-9 at concentrations of 0.78 ug/L and 0.61 ug/l, respectively.
- Chromium was detected at concentrations above its PAL of 10 ug/L in groundwater from MW-5 and MW-9 at concentrations of 72 ug/L and 15 ug/L, respectively.
- Lead was detected at concentrations above its PAL of 1.5 ug/L in groundwater from MW-2, MW-4RR, MW-9, and MW-10 at concentrations ranging from 6.9 ug/L to 12 ug/L, and in MW-5 at a concentration of 21 ug/L which is above its ES of 15 ug/L.
- Selenium was detected at a concentration above its PAL of 10 ug/L in groundwater from MW-5 at 12 ug/L.

PCBs were not detected at concentrations above analytical MDLs in groundwater from wells MW-5, MW-8, MW-9, and MW-10. The PCB groundwater analytical data is summarized in Table 5, and the estimated extent of PCBs at concentrations above NR 140 standards is presented in Figure 7.

- PCB-1248 was detected at an estimated concentration of 0.50 ug/L, which is above its ES of 0.003 ug/L in MW-2.
- PCB-1260 was detected at a concentration of 78 ug/L and 59 ug/L on October 30 and October 31, 2024, respectively, which is above its ES of 0.003 ug/L in MW-4RR.

1,4-Dioxane was not detected at concentrations above its MDL in groundwater from MW-4RR and MW-6. The 1,4-Dioxane groundwater analytical data is summarized in Table 6, and the estimated extent of 1,4-Dioxane at concentrations above NR 140 standards is presented in Figure 8.

- 1,4-Dioxane was detected at a concentration of 18 ug/L in MW-2, which is above its ES of 0.3 ug/L.

Summary and Recommendations

On May 14, 2024, three (3) soil borings (EB-MW-8 through EB-MW-10) were advanced in the northern courtyard near EB-MW-2 to facilitate the collection of soil and groundwater samples. Per WDNR's request, the borings were advanced to the north, east, and west of EB-MW-2 in an attempt to determine the dissolved phase chlorinated volatile organic compound (CVOC) groundwater contaminant plume extent. EB-MW-10 was proposed to be installed east of the building near the railroad right-of-way; however, lack of access to the proposed location resulted in the relocation to the eastern side of the northern courtyard. Groundwater monitoring wells EB-MW-1, located in the northwestern corner of the northern courtyard, and EB-MW-3R which is located east of the courtyard near the eastern site property line have been dry. The northern courtyard (Former Briggs & Stratton #0241-263675) was investigated by KPRG from approximately 2001 through 2006, for which the WDNR granted Case Closure with continuing obligations in August 2008.

Two (2) groundwater sampling events were performed on groundwater monitoring wells EB-MW-8 through EB-MW-10 in July and October 2024, with groundwater submitted for VOC, PAH, Metals, and PCB analysis. The CVOC plume extent is delineated to the west and north by EB-MW-8 and EB-MW-9, respectively. Groundwater from EB-MW-10 contained TCE and VC at concentrations above their respective ESs; however, the extent is delineated to the extent practical to the east given site constraints and the railroad right-of-way. In consideration of these factors, and the fact that groundwater quality in EB-MW-10 is similar to KPRG's MW-4S in 2006; no further groundwater investigation appears warranted.

Groundwater sampling was initiated in June 2021, and six (6) rounds of VOC analysis have been performed on EB-MW-2, seven(7) rounds on EB-MW-4/4R/4RR, EB-MW-5, EB-MW-6, and two (2) rounds on EB-MW-8 through EB-MW-10. Six (6) rounds of PAH analysis were performed on EB-MW-2 and EB-MW-4/4R/4RR, seven(7) rounds on EB-MW-5, five (5) rounds on EB-MW-6, and two (2) rounds on EB-MW-8 through EB-MW-10. Three (3) rounds of Metals analysis were performed on EB-MW-2 and EB-MW-4/4R/4RR, five (5) rounds on EB-MW-5, four (4) rounds on EB-MW-6, and two (2) rounds on EB-MW-8 through EB-MW-10. Four (4) rounds of PCB analysis were performed on EB-MW-2, five (5) rounds on EB-MW-4/4R/4RR and EB-MW-5, three (3) rounds on EB-MW-6, and two (2) rounds on EB-MW-8 through EB-MW-10. Four (4) rounds of 1,4-Dioxane analysis were performed on EB-MW-2, two (2) rounds on EB-MW-4/4R/4RR, and three (3) rounds on EB-MW-6.

Based on the groundwater monitoring performed to date, and a December 13, 2024, phone conversation with WDNR, KSingh recommends the following:

- Sample the groundwater monitoring wells in February 2025. Groundwater from MW-2, MW-4RR, and MW-8 through MW-10 will be analyzed for VOCs. Groundwater from MW-8 through MW-10 will be analyzed for RCRA Metals. Groundwater from MW-2 and MW-4RR will be analyzed for PCBs, and groundwater from MW-2, and MW-8 through MW-10 will be sampled for 1, 4-Dioxane.
- Collect vapor samples from Sanitary Manhole 25 (IA-1), Sanitary Manhole 26 (IA-2), and Sanitary Manhole 19 (IA-3) for analysis of tetrachloroethylene (PCE), TCE, cis-1,2-Dichloroethylene (cis-DCE), and trans-1,2-Dichloroethylene (trans-DCE) for a 1-week period using Waterloo Membrane Samplers (WMS™) which are designed for VOC sampling in sewer headspace.
- Prepare a report documenting the groundwater sampling and sanitary sewer vapor sampling.

Please contact us at (262) 821-1171 if you have any questions.

Sincerely,

K. SINGH & ASSOCIATES, INC.

Timothy P. Welch, P.G.
Senior Geologist

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

cc: Shane LaFave / Roers Companies

Attachments:

Figure 1	Topographic Map of Project Location
Figure 2	Site Diagram
Figure 3	Groundwater Contour Map (October 30, 2024)
Figure 4	Groundwater Quality Map-VOCs
Figure 5	Groundwater Quality Map-PAHs
Figure 6	Groundwater Quality Map-RCRA Metals
Figure 7	Groundwater Quality Map-PCBs
Figure 8	Groundwater Quality Map-Dioxanes
Table 1	Groundwater Elevation Data
Table 2	Groundwater Quality Test Results-VOCs
Table 3	Groundwater Quality Test Results-SVOCs
Table 4	Groundwater Quality Test Results-RCRA Metals
Table 5	Groundwater Quality Test Results-PCBs
Table 6	Groundwater Quality Test Results-1,4-Dioxane
Attachment A	Groundwater Laboratory Analytical Report

FIGURES

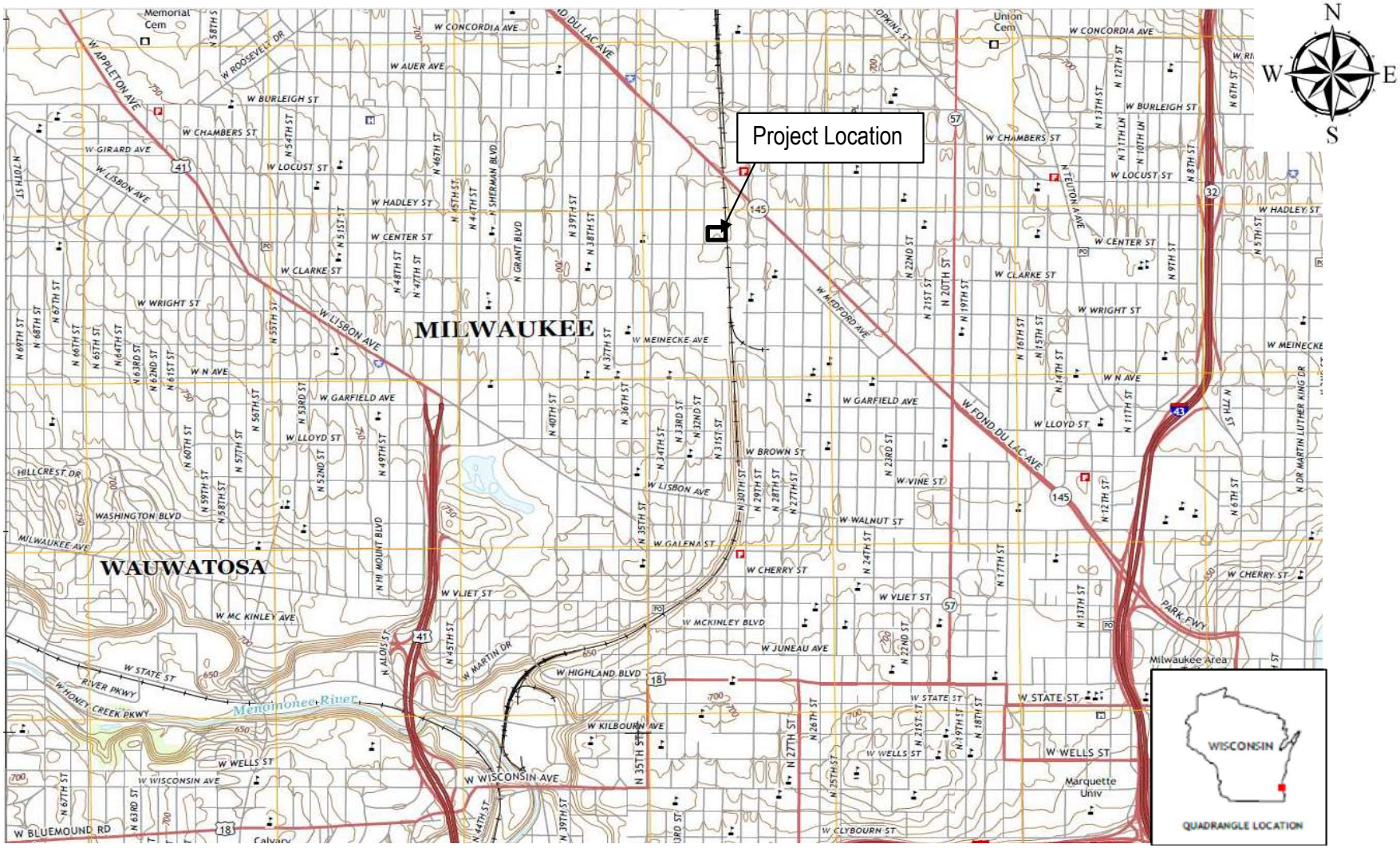
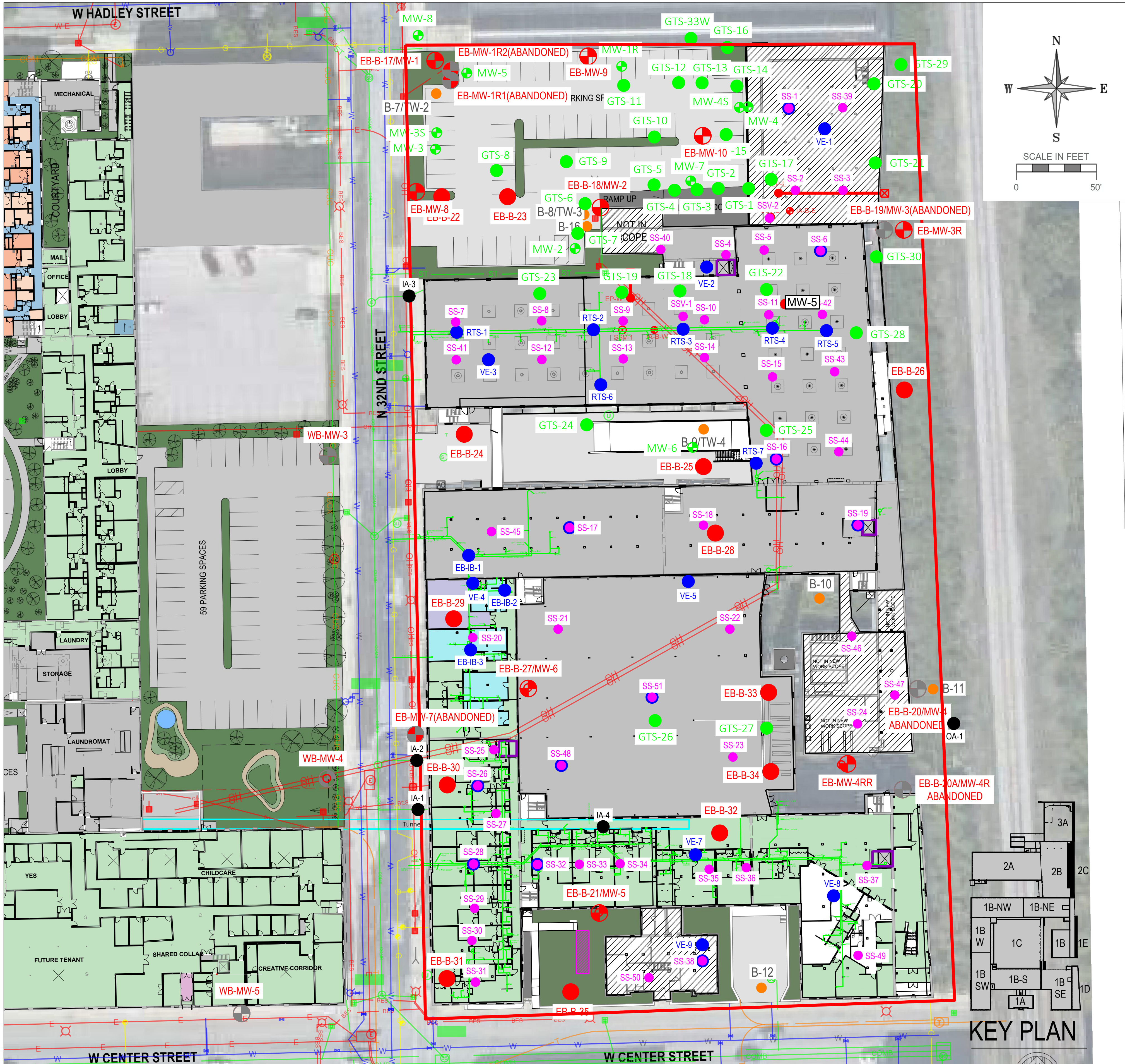


Figure 1. Topographic Map of Project Location
from 2016 Milwaukee, WI 7.5-Minute Series
Map Scale 1: 24,000

KSingh Engineers Scientists Consultants



FLOOR FINISH LEGEND

	ATH-1	ATHLETIC FLOORING - FLEXIBLE / NON-ADHERED
	CPT-1	BROADLOOM CARPET (UNIT BEDROOMS)
	CT-1	CERAMIC TILE (UNIT BATHROOMS W/ ROLL-IN SHOWERS ONLY)
	ERF-1	EPOXY RESINOUS FLOORING
	EXTG-WD	EXISTING WOOD FLOORING TO REMAIN IN PLACE & BE REFINISHED
	EXTG-WS	EXISTING CONCRETE SLAB WITH WEATHER SEAL
	LVT-1	LUXURY VINYL TILE (UNIT BATHROOMS)
	PC-1	POLISHED CONCRETE
	RF-1	RUBBER FLOORING
	SC-1	SEALED CONCRETE
	WD-SV	SALVAGED WOOD - REMOVED, REINSTALLED AND REFINISHED (SALVAGED WOOD WILL BE REINSTALLED IN CORRIDORS FIRST THEN CONTINUE INTO UNITS - IF THERE IS NOT ENOUGH QUANTITY - INSTALL NEW WOOD FLOORING TO MATCH HISTORIC SIZE)

LEGEND

- Planned Underground Plumbing
- Underground Tunnel
- Historic Well Locations (10)
- Historic Soil Probe and Temporary Well Locations (31)
- Previous Soil Probe, Hand Auger, and Temp. Well Locations (9)
- Monitoring Well Locations (9)
- Soil Probe Locations (13)
- Sub-Slab Soil Sampling Locations (28)
- Sub-Slab Vapor Sampling Locations (51)
- Air Sampling Locations (5)
- Former Approximate Underground Storage Tank Location
- Approximate Site Boundary
- Manhole Locations (3)
  - -EB-SSV-MH25
  - -EB-SSV-MH26
  - -EB-SSV-MH19
- Abandoned/Not Applicable Monitoring Well Locations (10)

NOTE:

- COMBINATION OF EXISTING AND PROPOSED PLUMBING

- EX. AIR CONDITIONER
- EX. GAS VALVE
- EX. GAS METER
- EX. ELECTRIC METER
- EX. ELECTRIC PEDESTAL
- EX. ELECTRIC MANHOLE
- EX. ELECTRIC TRANSFORMER
- EX. POWER / TELEPHONE POLE
- EX. LIGHT POLE
- EX. TELEPHONE PEDESTAL
- EX. STORM MANHOLE
- EX. CATCH BASIN SQUARE
- EX. CLEANOUT
- EX. SANITARY MANHOLE
- EX. UNKNOWN MANHOLE
- EX. COMBINED SEWER MANHOLE
- EX. TELEPHONE MANHOLE
- EX. WATER VALVE
- EX. HYDRANT

G	EX. UG. GAS
E	EX. UG. ELECTRIC
OH	EX. OVERHEAD WIRES
BES	EX. BUREAU OF ELEC. SERV.
	EX. UG. COMBINED SEWER
CUC	EX. CITY UG. CONDUIT/COMM
SS	EX. SANITARY SEWER (SAN)
ST	EX. STORM SEWER (STO)
COM	EX. UG. COMMUNICATIONS
T	EX. UG. TELEPHONE
FIB	EX. UG. FIBER OPTICS
	EX. UG. CABLE TELEVISION
W	EX. WATER MAIN

SAMPLE ID CODES:

- EB = EAST BLOCK
- B = BORING
- TW = TEMPORARY WELL
- MW = MONITORING WELL
- SS = SUB-SLAB
- VE = VAPOR EXTRACTION POINT
- IB = INTERIOR BORING
- RTS = REPRESENTATIVE TRENCH SAMPLE
- IA = INDOOR AIR
- OA = OUTDOOR AIR

KSingh Engineers Scientists Consultants

3636 North 124th Street
Wauwatosa, WI 53222
262-821-1171

CONSULTANT

PROJECT TITLE: SITE INVESTIGATION REPORT
COMMUNITY WITHIN THE CORRIDOR
2748 N. 32nd Street
MILWAUKEE, WI 53210
PROJECT NUMBER: 40449

CLIENT: COMMUNITY WITHIN THE CORRIDOR LIMITED PARTNERSHIP

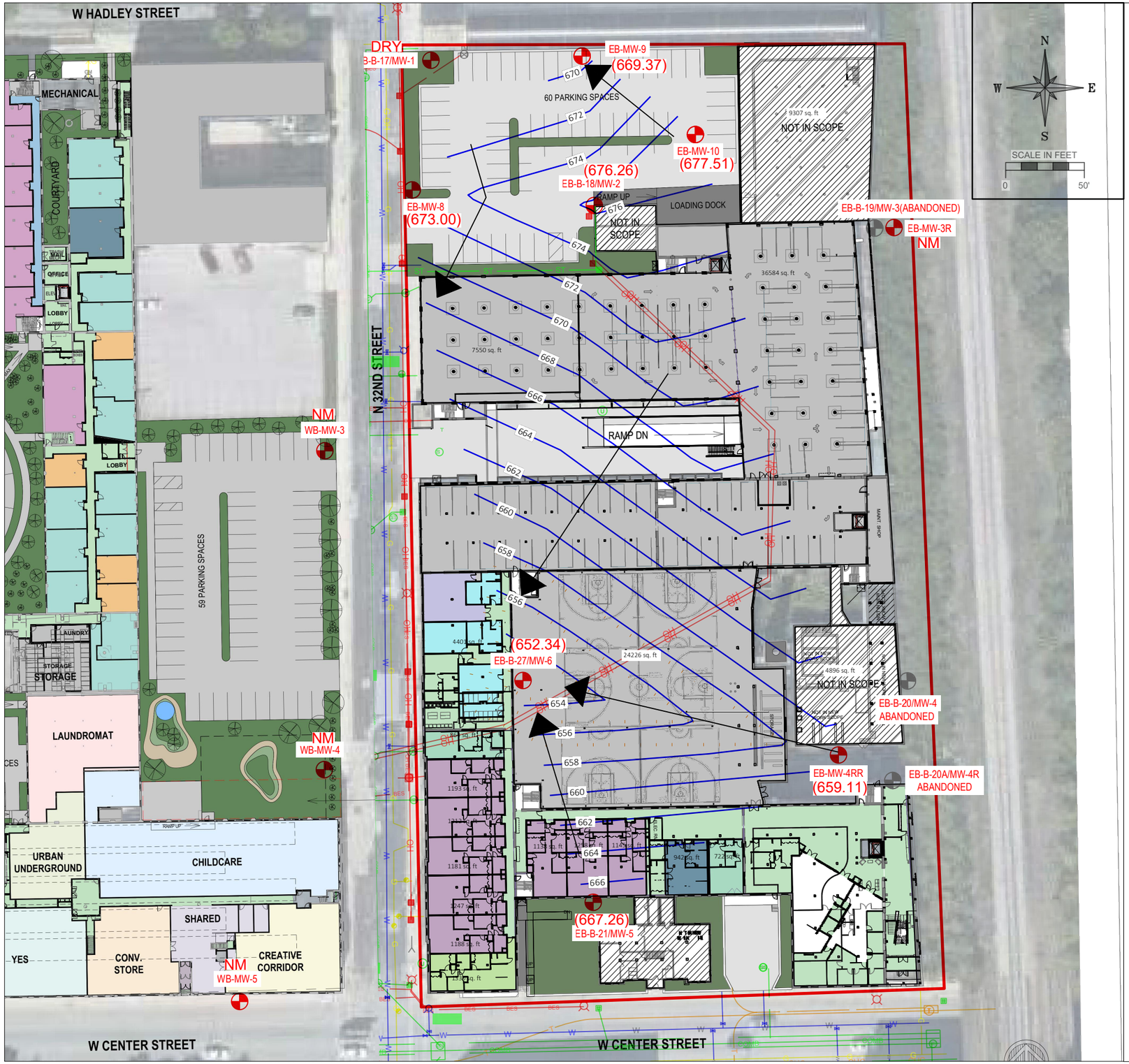
REVISIONS	DATE	DESCRIPTION

DRAWN BY RM	DATE 08/07/2024
CHECKED BY TPW	DATE 08/07/2024

SHEET TITLE

SITE DIAGRAM

FIGURE 2



FLOOR FINISH LEGEND		
	ATH-1	ATHLETIC FLOORING - FLEXIBLE / NON-ADHERED
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	EXTG-WS	EXISTING CONCRETE SLAB WITH WEATHER SEAL
	LVT-1	LUXURY VINYL TILE (UNIT BATHROOMS)
	PC-1	POLISHED CONCRETE
	RF-1	RUBBER FLOORING
	SC-1	SEALED CONCRETE
	WD-SV	SALVAGED WOOD - REMOVED, REINSTALLED AND REFINISHED (SALVAGED WOOD WILL BE REINSTALLED IN CORRIDORS FIRST THEN CONTINUE INTO UNITS - IF THERE IS NOT ENOUGH QUANTITY - INSTALL NEW WOOD FLOORING TO MATCH HISTORIC SIZE)

LEGEND

- MONITORING WELL LOCATIONS (9)
- ABANDONED MONITORING WELL LOCATIONS (3)
- GROUNDWATER FLOW DIRECTION ARROW
- GROUNDWATER CONTOUR
- CONTOUR INTERVAL: 2.0'
- GROUNDWATER ELEVATION: (673.00)
- APPROXIMATE PROPERTY BOUNDARY
- NM = NOT MEASURED

G	EX. UG. GAS
E	EX. UG. ELECTRIC
OH	EX. OVERHEAD WIRES
BES	EX. BUREAU OF ELEC. SERV.
	EX. UG. COMBINED SEWER
CUC	EX. CITY UG. CONDUIT/COMM
SS	EX. SANITARY SEWER (SAN)
ST	EX. STORM SEWER (STO)
COM	EX. UG. COMMUNICATIONS
T	EX. UG. TELEPHONE
FIB	EX. UG. FIBER OPTICS
	EX. UG. CABLE TELEVISION
W	EX. WATER MAIN

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COMMUNITY WITHIN THE CORRIDOR
2748 N. 32nd Street
MILWAUKEE, WI 53210
PROJECT NUMBER: 40449

CLIENT: COMMUNITY WITHIN THE CORRIDOR LIMITED PARTNERSHIP

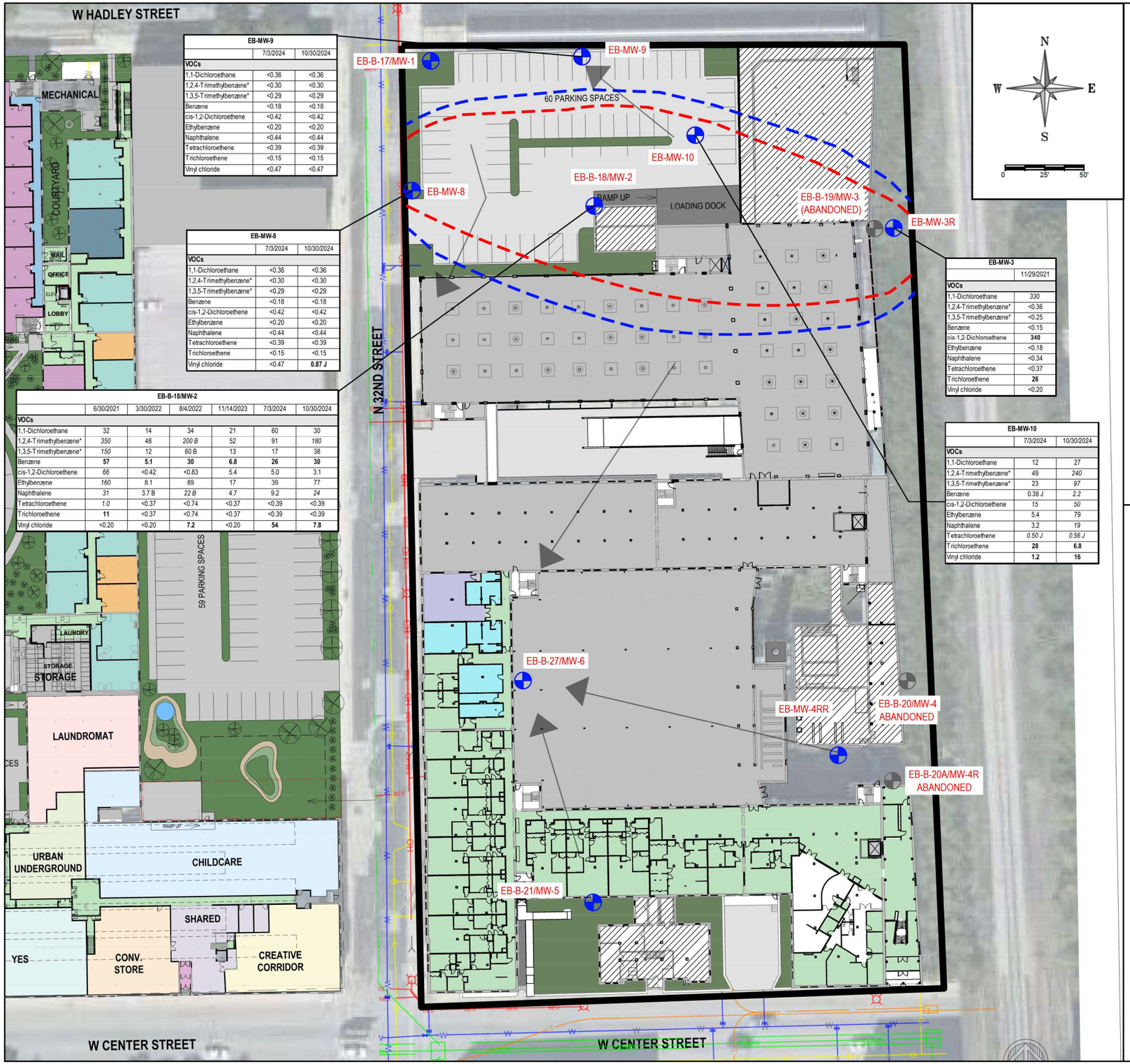
REVISIONS	DATE	DESCRIPTION

DRAWN BY AMH	DATE 10/30/2024
CHECKED BY TPW	DATE 10/30/2024

SHEET TITLE
GROUNDWATER CONTOUR MAP (OCTOBER 30, 2024)

FIGURE 3

FILE NAME :C:\USERS\ALEXANDERHUEBNER\ONEDRIVE - K SINGH\DOCUMENTS - PROJECTS\PROJECTS\40449 CWC EB SI\ENVIRONMENTAL\CADD\SHEETS\CWC - EAST BLOCK SIR.DWG PLOT DATE :11/5/2024 10:07 AM PLOT BY :ALEXANDER HUEBNER



EB-MW-9	7/3/2024	10/30/2024
VOCs		
1,1-Dichloroethane	<0.36	<0.36
1,2,4-Trimethylbenzene*	<0.30	<0.30
1,3,5-Trimethylbenzene*	<0.29	<0.29
Benzene	<0.18	<0.18
cis-1,2-Dichloroethene	<0.42	<0.42
Ethylbenzene	<0.20	<0.20
Naphthalene	<0.44	<0.44
Tetrachloroethene	<0.39	<0.39
Trichloroethene	<0.15	<0.15
Vinyl chloride	<0.47	<0.47

EB-MW-8	7/3/2024	10/30/2024
VOCs		
1,1-Dichloroethane	<0.36	<0.36
1,2,4-Trimethylbenzene*	<0.30	<0.30
1,3,5-Trimethylbenzene*	<0.29	<0.29
Benzene	<0.18	<0.18
cis-1,2-Dichloroethene	<0.42	<0.42
Ethylbenzene	<0.20	<0.20
Naphthalene	<0.44	<0.44
Tetrachloroethene	<0.39	<0.39
Trichloroethene	<0.15	<0.15
Vinyl chloride	<0.47	**0.87 J**

EB-B-18/MW-2	6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024
VOCs						
1,1-Dichloroethane	32	14	34	21	60	30
1,2,4-Trimethylbenzene*	*350*	48	*200 B*	52	91	*180*
1,3,5-Trimethylbenzene*	*150*	12	60 B	13	17	38
Benzene	**57**	**5.1**	**30**	**6.8**	**26**	**30**
cis-1,2-Dichloroethene	*66*	<0.42	<0.83	5.4	5.0	3.1
Ethylbenzene	*160*	8.1	89	17	39	77
Naphthalene	*31*	3.7 B	*22 B*	4.7	9.2	*24*
Tetrachloroethene	*1.0*	<0.37	<0.74	<0.37	<0.39	<0.39
Trichloroethene	**11**	<0.37	<0.74	<0.37	<0.39	<0.39
Vinyl chloride	<0.20	<0.20	**7.2**	<0.20	**54**	**7.8**

EB-MW-3	11/29/2021
VOCs	
1,1-Dichloroethane	*330*
1,2,4-Trimethylbenzene*	<0.36
1,3,5-Trimethylbenzene*	<0.25
Benzene	<0.15
cis-1,2-Dichloroethene	**340**
Ethylbenzene	<0.18
Naphthalene	<0.34
Tetrachloroethene	<0.37
Trichloroethene	**26**
Vinyl chloride	<0.20

EB-MW-10	7/3/2024	10/30/2024
VOCs		
1,1-Dichloroethane	12	27
1,2,4-Trimethylbenzene*	49	*240*
1,3,5-Trimethylbenzene*	23	*97*
Benzene	0.38 J	2.2
cis-1,2-Dichloroethene	*15*	*50*
Ethylbenzene	5.4	79
Naphthalene	3.2	*19*
Tetrachloroethene	*0.50 J*	*0.56 J*
Trichloroethene	**28**	**6.8**
Vinyl chloride	**1.2**	**16**

LEGEND

- MONITORING WELL LOCATIONS (9)
- ABANDONED MONITORING WELL LOCATIONS (3)
- NR 140 PAL ESTIMATED EXTENTS FOR VOCs (DASHED LINES WHERE INFERRED)
- NR 140 ES ESTIMATED EXTENTS FOR VOCs (DASHED LINES WHERE INFERRED)
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER FLOW DIRECTION (OCTOBER 30, 2024)
- EX. UG. GAS
- EX. UG. ELECTRIC
- EX. OVERHEAD WIRES
- EX. BUREAU OF ELEC. SERV.
- EX. UG. COMBINED SEWER
- EX. CITY UG. CONDUIT/COMM
- EX. SANITARY SEWER (SAN)
- EX. STORM SEWER (STO)
- EX. UG. COMMUNICATIONS
- EX. UG. TELEPHONE
- EX. UG. FIBER OPTICS
- EX. UG. CABLE TELEVISION
- EX. WATER MAIN

NOTES:

1. RESULTS EXPRESSED ARE IN MICROGRAMS PER LITER (ug/L)
2. ONLY VOC ANALYTES WITH WISCONSIN ADMINISTRATIVE CODE (WAC) NR 140 EXCEEDANCES SHOWN
3. *ITALICS* = EXCEEDS WAC NR 140 PREVENTIVE ACTION LIMITS (PAL), JULY 2023
4. **BOLD** = EXCEEDS WAC NR 140 ENFORCEMENT STANDARDS, JULY 2023
5. * THE COMBINED TOTAL OF 1,2,4 AND 1,3,5-TMB
6. B = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
7. J = RESULT IS LESS THAN THE REPORTING LIMIT (RL) BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL) AND THE CONCENTRATION IS AN APPROXIMATE VALUE

Analyte	NR 140 PAL	NR 140 ES
Volatile Organic Compounds (VOCs)		
1,1-Dichloroethane	*85*	**850**
1,2,4-Trimethylbenzene*	*96*	**480**
1,3,5-Trimethylbenzene*	*96*	**480**
Benzene	*0.50*	**5.0**
cis-1,2-Dichloroethene	*7.0*	**70**
Ethylbenzene	*140*	**700**
Naphthalene	*10*	**100**
Tetrachloroethene	*0.50*	**5.0**
Trichloroethene	*0.50*	**5.0**
Vinyl Chloride	*0.020*	**0.2**

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PROJECT TITLE: REMEDIAL ACTION DOCUMENTATION REPORT
COMMUNITY WITHIN THE CORRIDOR
2748 N. 32nd Street
MILWAUKEE, WI 53210
PROJECT NUMBER: 40441B

CLIENT: COMMUNITY WITHIN THE CORRIDOR LIMITED PARTNERSHIP

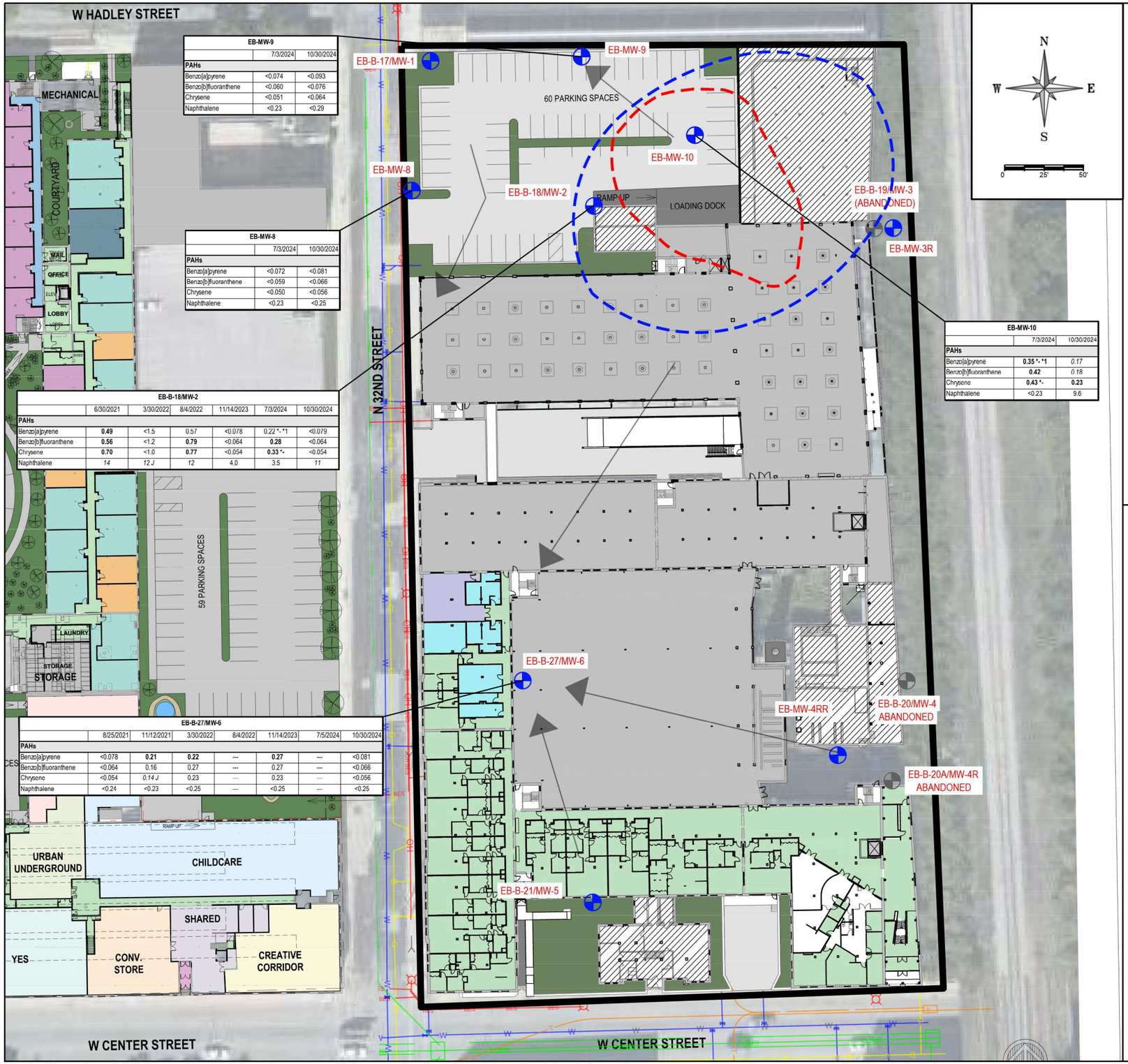
REVISIONS	DATE	DESCRIPTION

DRAWN BY RM	DATE 01/08/2025
CHECKED BY TPW	DATE 01/08/2025

SHEET TITLE
GROUNDWATER QUALITY MAP-VOCs

FIGURE 4

FILE NAME :C:\USERS\RAJASEGARMURUGAVEL\ONEDRIVE - K SINGH\DOCUMENTS - PROJECTS\PROJECTS\40449 CWC EB SI\ENVIRONMENTAL\CADD\SHEETS\20250108 - FIG 8- 12\CWC - EAST BLOCK SIR 20250108.DWG PLOT DATE :1/14/2025 5:34 PM PLOT BY :RAJASEGAR MURUGAVEL



EB-MW-9

	7/3/2024	10/30/2024
PAHs		
Benzo[a]pyrene	<0.074	<0.093
Benzo[b]fluoranthene	<0.060	<0.076
Chrysene	<0.051	<0.064
Naphthalene	<0.23	<0.29

EB-MW-8

	7/3/2024	10/30/2024
PAHs		
Benzo[a]pyrene	<0.072	<0.081
Benzo[b]fluoranthene	<0.059	<0.066
Chrysene	<0.050	<0.056
Naphthalene	<0.23	<0.25

EB-MW-10

	7/3/2024	10/30/2024
PAHs		
Benzo[a]pyrene	**0.35 *- *1**	*0.17*
Benzo[b]fluoranthene	**0.42**	*0.18*
Chrysene	**0.43 *-**	**0.23**
Naphthalene	<0.23	9.6

EB-B-18/MW-2

	6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024
PAHs						
Benzo[a]pyrene	**0.49**	<1.5	0.57	<0.078	0.22 *- *1	<0.079
Benzo[b]fluoranthene	**0.56**	<1.2	**0.79**	<0.064	**0.28**	<0.064
Chrysene	**0.70**	<1.0	**0.77**	<0.054	**0.33 *-**	<0.054
Naphthalene	*14*	*12 J*	*12*	4.0	3.5	*11*

EB-B-27/MW-6

	8/25/2021	11/12/2021	3/30/2022	8/4/2022	11/14/2023	7/5/2024	10/30/2024
PAHs							
Benzo[a]pyrene	<0.078	**0.21**	**0.22**	---	**0.27**	---	<0.081
Benzo[b]fluoranthene	<0.064	0.16	0.27	---	0.27	---	<0.066
Chrysene	<0.054	*0.14 J*	0.23	---	0.23	---	<0.056
Naphthalene	<0.24	<0.23	<0.25	---	<0.25	---	<0.25

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0 25' 50'

LEGEND

- MONITORING WELL LOCATIONS (9)
- ABANDONED MONITORING WELL LOCATIONS (3)
- NR 140 PAL ESTIMATED EXTENTS FOR PAHs (DASHED LINES WHERE INFERRED)
- NR 140 ES ESTIMATED EXTENTS FOR PAHs (DASHED LINES WHERE INFERRED)
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER FLOW DIRECTION (OCTOBER 30, 2024)
- EX. UG. GAS
- EX. UG. ELECTRIC
- EX. OVERHEAD WIRES
- EX. BUREAU OF ELEC. SERV.
- EX. UG. COMBINED SEWER
- EX. CITY UG. CONDUIT/COMM
- EX. SANITARY SEWER (SAN)
- EX. STORM SEWER (STO)
- EX. UG. COMMUNICATIONS
- EX. UG. TELEPHONE
- EX. UG. FIBER OPTICS
- EX. UG. CABLE TELEVISION
- EX. WATER MAIN

NOTES:

1. RESULTS EXPRESSED ARE IN MICROGRAMS PER LITER (ug/L)
2. ONLY PAH ANALYTES WITH WISCONSIN ADMINISTRATIVE CODE (WAC) NR 140 EXCEEDANCES SHOWN
3. *ITALICS* = EXCEEDS WAC NR 140 PREVENTIVE ACTION LIMITS (PAL), JULY 2023
4. **BOLD** = EXCEEDS WAC NR 140 ENFORCEMENT STANDARDS, JULY 2023
5. --- NOT SAMPLED
6. J = RESULT IS LESS THAN THE REPORTING LIMIT (RL) BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL) AND THE CONCENTRATION IS AN APPROXIMATE VALUE

Analyte	NR 140 PAL	NR 140 ES
Polycyclic Aromatic Hydrocarbons (PAHs)		
Benzo[a]pyrene	*0.020*	**0.20**
Benzo[b]fluoranthene	*0.020*	**0.20**
Chrysene	*0.020*	**0.20**
Naphthalene	*10*	**100**

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DRAWN BY RM	DATE 01/08/2025
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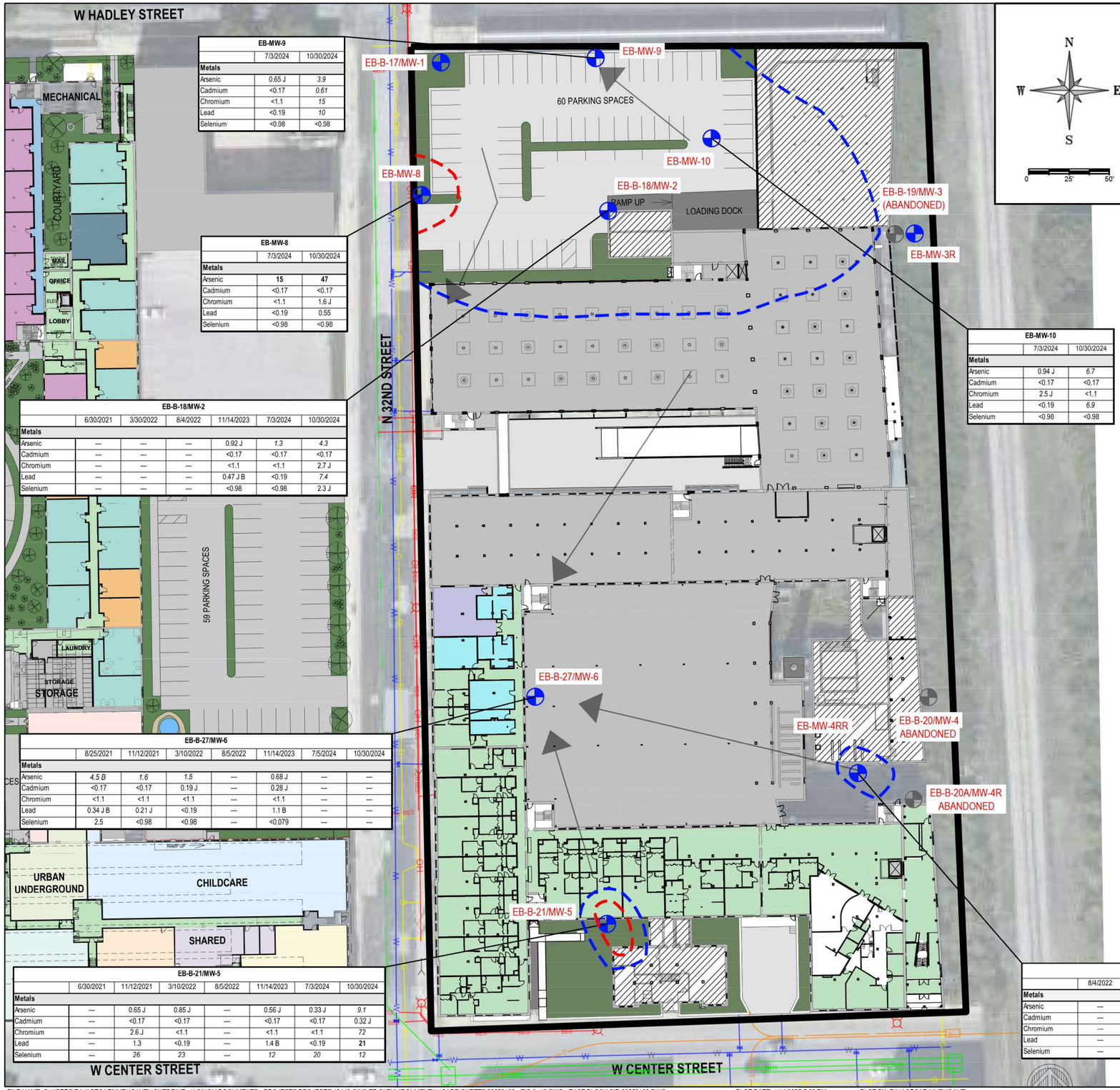
SHEET TITLE
GROUNDWATER QUALITY MAP-PAHs

FIGURE 5

FILE NAME :C:\USERS\RAJASEGARMURUGAVEL\ONEDRIVE - K SINGH\DOCUMENTS - PROJECTS\PROJECTS\40449 CWC EB SI\ENVIRONMENTAL\CADD\SHEETS\20250108 - FIG 8- 12\CWC - EAST BLOCK SIR 20250108.DWG
PLOT DATE :1/14/2025 5:35 PM
PLOT BY :RAJASEGAR MURUGAVEL



EB-MW-9	7/3/2024	10/30/2024
Metals		
Arsenic	0.65 J	*3.9*
Cadmium	<0.17	*0.61*
Chromium	<1.1	*15*
Lead	<0.19	*10*
Selenium	<0.98	<0.98

EB-MW-8	7/3/2024	10/30/2024
Metals		
Arsenic	**15**	**47**
Cadmium	<0.17	<0.17
Chromium	<1.1	1.6 J
Lead	<0.19	0.55
Selenium	<0.98	<0.98

EB-MW-10	7/3/2024	10/30/2024
Metals		
Arsenic	0.94 J	*6.7*
Cadmium	<0.17	<0.17
Chromium	2.5 J	<1.1
Lead	<0.19	*6.9*
Selenium	<0.98	<0.98

EB-B-18/MW-2	6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024
Metals						
Arsenic	---	---	---	0.92 J	*1.3*	*4.3*
Cadmium	---	---	---	<0.17	<0.17	<0.17
Chromium	---	---	---	<1.1	<1.1	2.7 J
Lead	---	---	---	0.47 J B	<0.19	*7.4*
Selenium	---	---	---	<0.98	<0.98	2.3 J

EB-B-27/MW-6	8/25/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024
Metals							
Arsenic	*4.5 B*	*1.6*	*1.5*	---	0.68 J	---	---
Cadmium	<0.17	<0.17	0.19 J	---	0.28 J	---	---
Chromium	<1.1	<1.1	<1.1	---	<1.1	---	---
Lead	0.34 J B	0.21 J	<0.19	---	1.1 B	---	---
Selenium	2.5	<0.98	<0.98	---	<0.079	---	---

EB-B-21/MW-5	6/30/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/3/2024	10/30/2024
Metals							
Arsenic	---	0.65 J	0.85 J	---	0.56 J	0.33 J	*9.1*
Cadmium	---	<0.17	<0.17	---	<0.17	<0.17	0.32 J
Chromium	---	2.6 J	<1.1	---	<1.1	<1.1	*72*
Lead	---	1.3	<0.19	---	1.4 B	<0.19	**21**
Selenium	---	*26*	*23*	---	*12*	*20*	*12*

MW-4RR	8/4/2022	11/14/2023	7/3/2024	10/30/2024
Metals				
Arsenic	---	0.34 J	---	*4.5*
Cadmium	---	0.20 J	---	*0.78*
Chromium	---	<1.1	---	5.1
Lead	---	0.62 B	---	*12*
Selenium	---	<0.98	---	1.2 J

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0 25' 50'

LEGEND

- MONITORING WELL LOCATIONS (9)
- ABANDONED MONITORING WELL LOCATIONS (3)
- NR 140 PAL ESTIMATED EXTENTS FOR RCRA METALS (DASHED LINES WHERE INFERRED)
- NR 140 ES ESTIMATED EXTENTS FOR RCRA METALS (DASHED LINES WHERE INFERRED)
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER FLOW DIRECTION (OCTOBER 30, 2024)
- EX. UG. GAS
- EX. UG. ELECTRIC
- EX. OVERHEAD WIRES
- EX. BUREAU OF ELEC. SERV.
- EX. UG. COMBINED SEWER
- EX. CITY UG. CONDUIT/COMM
- EX. SANITARY SEWER (SAN)
- EX. STORM SEWER (STO)
- EX. UG. COMMUNICATIONS
- EX. UG. TELEPHONE
- EX. UG. FIBER OPTICS
- EX. UG. CABLE TELEVISION
- EX. WATER MAIN

NOTES:

1. RESULTS EXPRESSED ARE IN MICROGRAMS PER LITER (ug/L)
2. ONLY RCRA METALS ANALYTES WITH WISCONSIN ADMINISTRATIVE CODE (WAC) NR 140 EXCEEDANCES SHOWN
3. *ITALICS* = EXCEEDS WAC NR 140 PREVENTIVE ACTION LIMITS (PAL), JULY 2023
4. **BOLD** = EXCEEDS WAC NR 140 ENFORCEMENT STANDARDS, JULY 2023
5. --- NOT SAMPLED
6. B = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
7. J = RESULT IS LESS THAN THE REPORTING LIMIT (RL) BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL) AND THE CONCENTRATION IS AN APPROXIMATE VALUE

Analyte	NR 140 PAL	NR 140 ES
Dissolved RCRA Metals		
Arsenic	*1.0*	**10**
Cadmium	*0.50*	**5.0**
Chromium	*10*	**100**
Lead	*1.5*	**15**
Selenium	*10*	**50**

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CLIENT: COMMUNITY WITHIN THE CORRIDOR LIMITED PARTNERSHIP

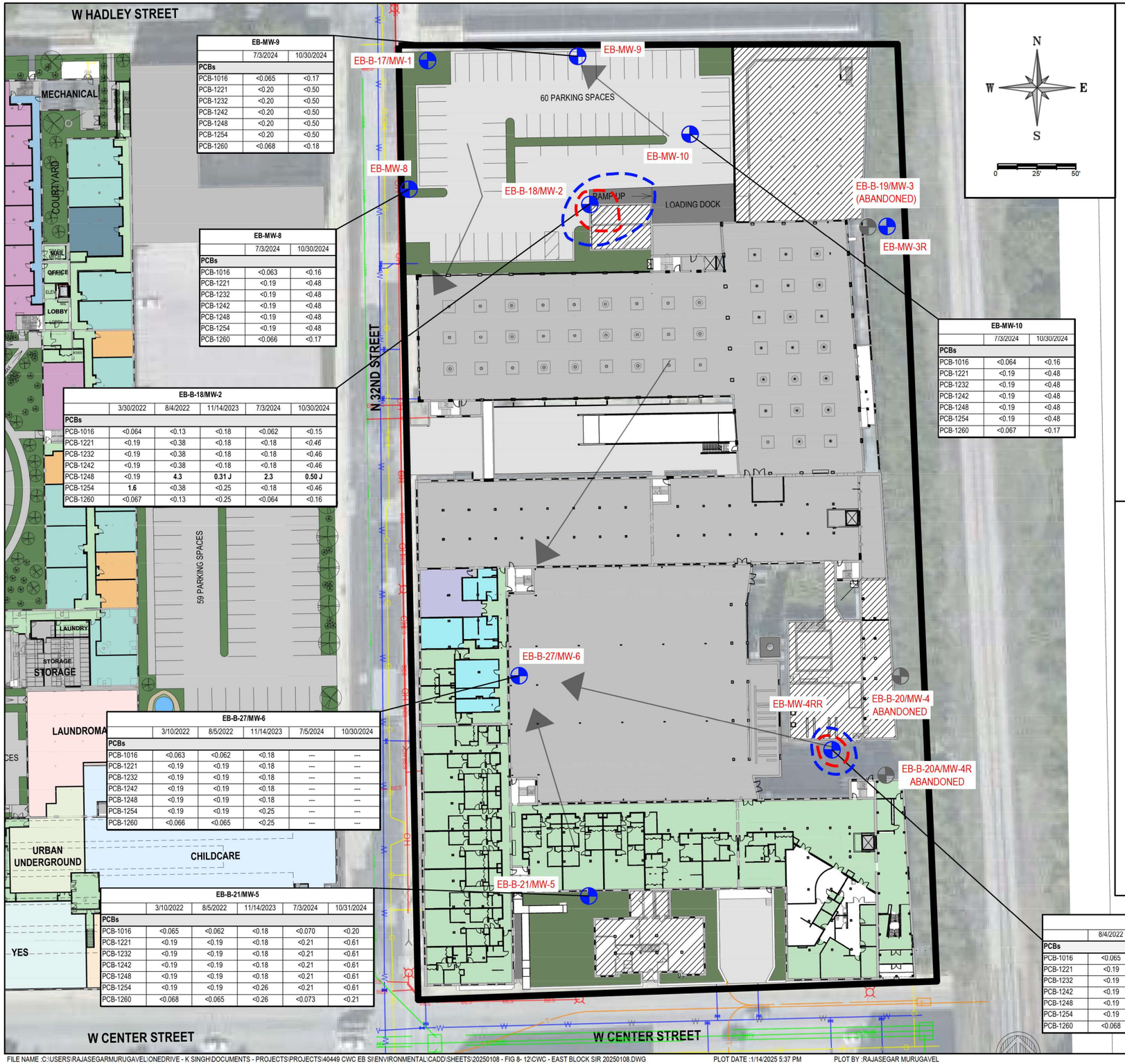
REVISIONS	DATE	DESCRIPTION

DRAWN BY RM	DATE 01/08/2025
CHECKED BY TPW	DATE 01/08/2025

SHEET TITLE
GROUNDWATER QUALITY MAP- RCRA METALS

FIGURE 6

FILE NAME :C:\USERS\RAJASEGARMURUGAVEL\ONEDRIVE - K SINGH\DOCUMENTS - PROJECTS\PROJECTS\40449 CWC EB SI\ENVIRONMENTAL\CADD\SHEETS\20250108 - FIG 8- 12\CWC - EAST BLOCK SIR 20250108.DWG
PLOT DATE :1/14/2025 5:36 PM
PLOT BY :RAJASEGAR MURUGAVEL



EB-MW-9	7/3/2024	10/30/2024
PCBs		
PCB-1016	<0.065	<0.17
PCB-1221	<0.20	<0.50
PCB-1232	<0.20	<0.50
PCB-1242	<0.20	<0.50
PCB-1248	<0.20	<0.50
PCB-1254	<0.20	<0.50
PCB-1260	<0.068	<0.18

EB-MW-8	7/3/2024	10/30/2024
PCBs		
PCB-1016	<0.063	<0.16
PCB-1221	<0.19	<0.48
PCB-1232	<0.19	<0.48
PCB-1242	<0.19	<0.48
PCB-1248	<0.19	<0.48
PCB-1254	<0.19	<0.48
PCB-1260	<0.066	<0.17

EB-MW-10	7/3/2024	10/30/2024
PCBs		
PCB-1016	<0.064	<0.16
PCB-1221	<0.19	<0.48
PCB-1232	<0.19	<0.48
PCB-1242	<0.19	<0.48
PCB-1248	<0.19	<0.48
PCB-1254	<0.19	<0.48
PCB-1260	<0.067	<0.17

EB-B-18/MW-2	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024
PCBs					
PCB-1016	<0.064	<0.13	<0.18	<0.062	<0.15
PCB-1221	<0.19	<0.38	<0.18	<0.18	*<0.46*
PCB-1232	<0.19	<0.38	<0.18	<0.18	<0.46
PCB-1242	<0.19	<0.38	<0.18	<0.18	<0.46
PCB-1248	<0.19	**4.3**	**0.31 J**	**2.3**	**0.50 J**
PCB-1254	**1.6**	<0.38	<0.25	<0.18	<0.46
PCB-1260	<0.067	<0.13	<0.25	<0.064	<0.16

EB-B-27/MW-6	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024
PCBs					
PCB-1016	<0.063	<0.062	<0.18	---	---
PCB-1221	<0.19	<0.19	<0.18	---	---
PCB-1232	<0.19	<0.19	<0.18	---	---
PCB-1242	<0.19	<0.19	<0.18	---	---
PCB-1248	<0.19	<0.19	<0.18	---	---
PCB-1254	<0.19	<0.19	<0.25	---	---
PCB-1260	<0.066	<0.065	<0.25	---	---

EB-B-21/MW-5	3/10/2022	8/5/2022	11/14/2023	7/3/2024	10/31/2024
PCBs					
PCB-1016	<0.065	<0.062	<0.18	<0.070	<0.20
PCB-1221	<0.19	<0.19	<0.18	<0.21	<0.61
PCB-1232	<0.19	<0.19	<0.18	<0.21	<0.61
PCB-1242	<0.19	<0.19	<0.18	<0.21	<0.61
PCB-1248	<0.19	<0.19	<0.18	<0.21	<0.61
PCB-1254	<0.19	<0.19	<0.26	<0.21	<0.61
PCB-1260	<0.068	<0.065	<0.26	<0.073	<0.21

MW-4RR	8/4/2022	11/14/2023	10/30/2024	10/31/2024
PCBs				
PCB-1016	<0.065	<3.5	<1.8	*<2.0*
PCB-1221	<0.19	<3.5	<5.3	*<5.9*
PCB-1232	<0.19	<3.5	<5.3	*<5.9*
PCB-1242	<0.19	<3.5	<5.3	*<5.9*
PCB-1248	<0.19	<3.5	<5.3	*<5.9*
PCB-1254	<0.19	<5.0	<5.3	*<5.9*
PCB-1260	<0.068	**56**	**78**	**59**

LEGEND

- MONITORING WELL LOCATIONS (9)
- ABANDONED MONITORING WELL LOCATIONS (3)
- NR 140 PAL ESTIMATED EXTENTS FOR PCBs (DASHED LINES WHERE INFERRED)
- NR 140 ES ESTIMATED EXTENTS FOR PCBs (DASHED LINES WHERE INFERRED)
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER FLOW DIRECTION (OCTOBER 30, 2024)
- EX. UG. GAS
- EX. UG. ELECTRIC
- EX. OVERHEAD WIRES
- EX. BUREAU OF ELEC. SERV.
- EX. UG. COMBINED SEWER
- EX. CITY UG. CONDUIT/COMM
- EX. SANITARY SEWER (SAN)
- EX. STORM SEWER (STO)
- EX. UG. COMMUNICATIONS
- EX. UG. TELEPHONE
- EX. UG. FIBER OPTICS
- EX. UG. CABLE TELEVISION
- EX. WATER MAIN

NOTES:

1. RESULTS EXPRESSED ARE IN MICROGRAMS PER LITER (ug/L)
2. *ITALICS* = EXCEEDS WAC NR 140 PREVENTIVE ACTION LIMITS (PAL), JULY 2023
3. **BOLD** = EXCEEDS WAC NR 140 ENFORCEMENT STANDARDS, JULY 2023
4. --- NOT SAMPLED
5. J = RESULT IS LESS THAN THE REPORTING LIMIT (RL) BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT (MDL) AND THE CONCENTRATION IS AN APPROXIMATE VALUE

Analyte	NR 140 PAL	NR 140 ES
Polychlorinated Biphenyls (PCBs)		
PCB-1016	*0.030*	**0.0030**
PCB-1221	*0.030*	**0.0030**
PCB-1232	*0.030*	**0.0030**
PCB-1242	*0.030*	**0.0030**
PCB-1248	*0.030*	**0.0030**
PCB-1254	*0.030*	**0.0030**
PCB-1260	*0.030*	**0.0030**

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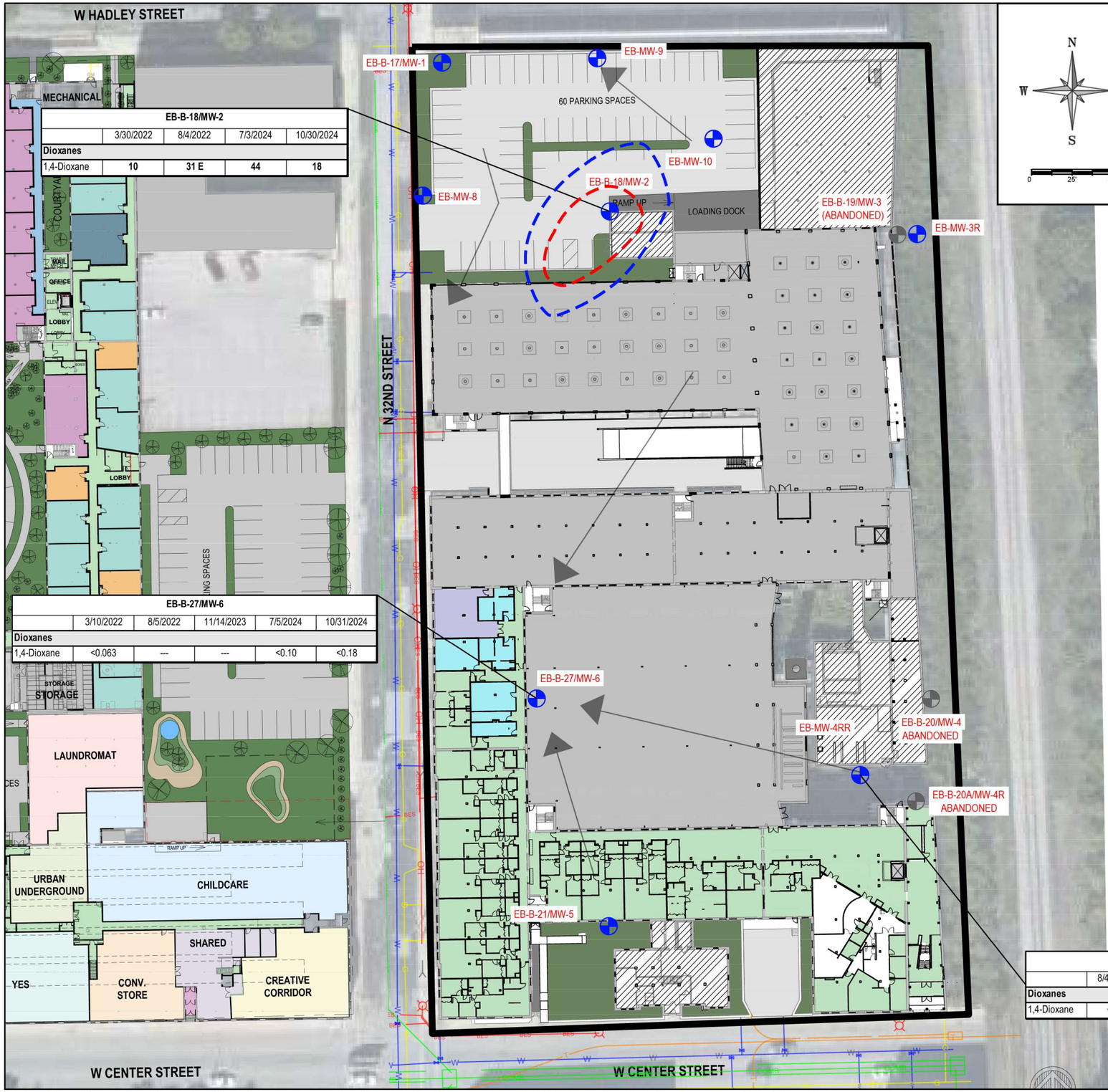
DRAWN BY	DATE
RM	01/08/2025
CHECKED BY	DATE
TPW	01/08/2025

SHEET TITLE
GROUNDWATER QUALITY MAP- PCBs

FIGURE 7

FILE NAME :C:\USERS\RAJASEGARMURUGAVEL\ONEDRIVE - K SINGH\DOCUMENTS - PROJECTS\PROJECTS\40449 CWC EB SI\ENVIRONMENTAL\CADD\SHEETS\20250108 - FIG 8- 12\CWC - EAST BLOCK SIR 20250108.DWG PLOT DATE :1/14/2025 5:37 PM PLOT BY :RAJASEGAR MURUGAVEL



EB-B-18/MW-2				
	3/30/2022	8/4/2022	7/3/2024	10/30/2024
Dioxanes				
1,4-Dioxane	**10**	**31 E**	**44**	**18**

EB-B-27/MW-6					
	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/31/2024
Dioxanes					
1,4-Dioxane	<0.063	---	---	<0.10	<0.18

MW-4RR				
	8/4-5/2022	11/14/2023	7/5/2024	10/31/2024
Dioxanes				
1,4-Dioxane	<0.10	---	---	<0.10

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LEGEND

- MONITORING WELL LOCATIONS (9)
- ABANDONED MONITORING WELL LOCATIONS (3)
- NR 140 PAL ESTIMATED EXTENTS FOR DIOXANEs (DASHED LINES WHERE INFERRED)
- NR 140 ES ESTIMATED EXTENTS FOR DIOXANEs (DASHED LINES WHERE INFERRED)
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER FLOW DIRECTION (OCTOBER 30, 2024)
- EX. UG. GAS
- EX. UG. ELECTRIC
- EX. OVERHEAD WIRES
- EX. BUREAU OF ELEC. SERV.
- EX. UG. COMBINED SEWER
- EX. CITY UG. CONDUIT/COMM
- EX. SANITARY SEWER (SAN)
- EX. STORM SEWER (STO)
- EX. UG. COMMUNICATIONS
- EX. UG. TELEPHONE
- EX. UG. FIBER OPTICS
- EX. UG. CABLE TELEVISION
- EX. WATER MAIN

NOTES:
1. RESULTS EXPRESSED ARE IN MICROGRAMS PER LITER (ug/L)
2. *ITALICS* = EXCEEDS WAC NR 140 PREVENTIVE ACTION LIMITS (PAL), JULY 2023
3. **BOLD** = EXCEEDS WAC NR 140 ENFORCEMENT STANDARDS, JULY 2023
4. --- NOT SAMPLED

Analyte	NR 140 PAL	NR 140 ES
Dioxanes		
1,4-Dioxane	*0.30*	**3.0**

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DRAWN BY RM	DATE 01/08/2025
CHECKED BY TPW	DATE 01/08/2025

SHEET TITLE
GROUNDWATER QUALITY MAP-DIOXANES

FIGURE 8

FILE NAME :C:\USERS\RAJASEGARMURUGAVEL\ONEDRIVE - K SINGH\DOCUMENTS - PROJECTS\PROJECTS\40449 CWC EB SI\ENVIRONMENTAL\CADD\SHEETS\20250108 - FIG 8- 12\CWC - EAST BLOCK SIR 20250108.DWG
PLOT DATE :1/14/2025 5:32 PM
PLOT BY :RAJASEGAR MURUGAVEL

TABLES

TABLE 1
GROUNDWATER ELEVATION DATA
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Well ID	Units	EB-MW-1		EB-MW-2		EB-MW-3		EB-MW3*		EB-MW-3R		EB-MW-4	
Date Installed	---	5/5/2021		6/3/2021		7/21/2021		7/21/2021		7/19/2022		7/21/2021	
Ground Elevation	Feet	686.592		685.932		684.66		683.822		683.773		685.1	
TOC Elevation	Feet	689.625		685.512		687.727		683.748		682.285		688.074	
TOS Elevation	Feet	677.662		681.01		674.66		673.82		664.04		671.6	
BOS Elevation	Feet	662.662		666.01		664.66		664.66		649.04		656.60	
Screen Height	Feet	15		10		15		15		15		15	
DATE		**DTW (TOC)**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**
5/18/2021		DRY	---	---	---	---	---	---	---	---	---	---	---
6/10/2021		DRY	---	---	---	---	---	---	---	---	---	---	---
6/22/2021		DRY	---	7.97	677.54	---	---	---	---	---	---	---	---
6/30/2021		DRY	---	7.75	677.76	---	---	---	---	---	---	---	---
7/20/2021		DRY	---	7.99	677.52	---	---	---	---	---	---	---	---
7/29/2021		DRY	---	8.12	677.39	DRY	---	---	---	---	---	27.21	660.86
8/19/2021		DRY	---	7.85	677.66	22.44	665.29	---	---	---	---	Broken/Damaged	
8/25/2021		DRY	---	---	---	22.44	665.29	---	---	---	---	Broken/Damaged	
11/12/2021		DRY	---	Broken/Damaged		22.69	665.04	---	---	---	---	Abandoned	
11/29/2021		DRY	---	Broken/Damaged		22.69	665.04	---	---	---	---	Abandoned	
12/13/2021		DRY	---	Broken/Damaged		DRY	---	---	---	---	---	Abandoned	
3/10/2022		DRY	---	Broken/Damaged		DRY	---	---	---	---	---	Abandoned	
3/30/2022		DRY	---	7.97	677.54	---	---	---	---	---	---	Abandoned	
8/4/2022		DRY	---	8.17	677.34	---	---	DRY	---	DRY	---	Abandoned	
11/14/2023		DRY	---	8.61	676.90	Abandoned		Abandoned		---	---	Abandoned	
7/3/2024		DRY	---	8.34	677.17	Abandoned		Abandoned		---	---	Abandoned	
10/30/2024		DRY	---	9.25	676.26	Abandoned		Abandoned		---	---	Abandoned	

Notes:

DTW= Depth to Water
TOC=Top of Casing
TOS=Top of Screen
BOS= Bottom of Screen

* = Converted from a stickup pipe to a flushmount cover.
---- = Not Measured/Not Installed

TABLE 1
GROUNDWATER ELEVATION DATA
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Well ID	Units	EB-MW-4R		EB-MW-4RR		EB-MW-5		EB-MW-6		EB-MW-8		EB-MW-9		EB-MW-10	
Date Installed	---	11/29/2021		7/19/2022		6/3/2021		7/20/2021		5/14/2024		5/14/2024		5/14/2024	
Ground Elevation	Feet	684.35		684.35		680.026		676.102		684.61		686.24		685.97	
TOC Elevation	Feet	686.60		680.11		682.848		675.713		684.31		685.88		685.51	
TOS Elevation	Feet	674.35		672.91		673.946		664.602		677.13		678.52		680.63	
BOS Elevation	Feet	659.35		657.91		663.94		649.60		662.13		663.52		665.63	
Screen Height	Feet	15		15		10		15		15		15		15	
DATE		**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**	**DTW**	**GROUNDWATER ELEVATION**
5/18/2021		---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/10/2021		---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/22/2021		---	---	---	---	12.51	670.34	---	---	---	---	---	---	---	---
6/30/2021		---	---	---	---	12.54	670.31	---	---	---	---	---	---	---	---
7/20/2021		---	---	---	---	12.74	670.11	---	---	---	---	---	---	---	---
7/29/2021		---	---	---	---	12.87	669.98	24.89	650.82	---	---	---	---	---	---
8/19/2021		---	---	---	---	11.50	671.35	23.80	651.91	---	---	---	---	---	---
8/25/2021		---	---	---	---	---	---	23.71	652.00	---	---	---	---	---	---
11/12/2021		---	---	---	---	12.43	670.42	21.51	654.20	---	---	---	---	---	---
11/29/2021		---	---	---	---	---	---	---	---	---	---	---	---	---	---
12/13/2021		25.81	660.79	---	---	---	---	---	---	---	---	---	---	---	---
3/10/2022		25.67	660.93	---	---	13.55	669.30	21.21	654.50	---	---	---	---	---	---
3/30/2022		---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/4/2022		Abandoned		20.44	659.67	11.93	670.92	19.40	656.31	---	---	---	---	---	---
11/14/2023		Abandoned		21.40	658.71	17.50	665.35	23.40	652.31	---	---	---	---	---	---
7/3/2024		Abandoned		21.24	658.87	11.36	671.49	23.50	652.21	9.55	674.76	16.33	669.55	6.34	679.17
10/30/2024		Abandoned		21.00	659.11	15.59	667.26	23.37	652.34	11.31	673.00	16.51	669.37	8.00	677.51

Notes:

DTW= Depth to Water
TOC=Top of Casing
TOS=Top of Screen
BOS= Bottom of Screen

* = Converted from a stickup pipe to a flushmount cover.
---- = Not Measured/Not Installed

TABLE 2
GROUNDWATER QUALITY TEST RESULTS-VOCs
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-18/MW-2[1]						EB-MW-3	EB-B-20/MW-4	EB-B-20A/MW-4R			MW-4RR	Dup-2[3]	MW-4RR			EB-B-21/MW-5						
Date					6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024	11/29/2021	7/29/2021	12/14/2021	3/10/2022	3/30/2022	8/4-5/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024	6/30/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/3/2024	10/30/2024
Volatile Organic Compounds (VOCs)																										
1,1,1,2-Tetrachloroethane	ug/L	8260C	*7*	**70**	<0.46	<0.46	<0.92	<0.46	<0.67	<0.67	<0.46	<0.46	<0.46	<0.46	---	<0.46	<0.46	<0.46	<0.67	<0.67	<0.46	<0.46	<0.46	<0.46	<0.46	<0.67	<0.67
1,1,1-Trichloroethane	ug/L	8260C	*40*	**200**	10	3.5	3.7	3.2	<0.45	<0.45	1.1	<0.38	<0.38	<0.38	---	<0.38	<0.38	<0.38	<0.45	<0.45	<0.38	<0.38	<0.38	<0.38	<0.38	<0.45	<0.45
1,1,2,2-Tetrachloroethane	ug/L	8260C	*0.02*	**0.2**	<0.40	<0.40	<0.80	<0.40	<0.65	<0.65	<0.40	<0.40	<0.40	<0.40	---	<0.40	<0.40	<0.40	<0.65	<0.65	<0.40	<0.40	<0.40	<0.40	<0.40	<0.65	<0.65
1,1,2-Trichloroethane	ug/L	8260C	*0.5*	**5**	<0.35	<0.35	<0.70	<0.35	<0.73	<0.73	<0.35	<0.35	<0.35	<0.35	---	<0.35	<0.35	<0.35	<0.73	<0.73	<0.35	<0.35	<0.35	<0.35	<0.35	<0.73	<0.73
1,1-Dichloroethane	ug/L	8260C	*85*	**850**	32	14	34	21	60	30	*330*	<0.41	<0.41	<0.41	---	<0.41	<0.41	<0.41	<0.36	<0.36	<0.41	<0.41	<0.41	<0.41	<0.41	<0.36	<0.36
1,1-Dichloroethene	ug/L	8260C	*0.7*	**7**	<0.39	<0.39	<0.78	<0.39	<0.48	<0.48	<0.39	<0.39	<0.39	<0.39	---	<0.39	<0.39	<0.39	<0.48	<0.48	<0.39	<0.39	<0.39	<0.39	<0.39	<0.48	<0.48
1,1-Dichloropropene	ug/L	8260C	---	---	<0.30	<0.30	<0.59	<0.30	<0.33	<0.33	<0.30	<0.30	<0.30	<0.30	---	<0.30	<0.30	<0.30	<0.33	<0.33	<0.30	<0.30	<0.30	<0.30	<0.30	<0.33	<0.33
1,2,3-Trichlorobenzene	ug/L	8260C	---	---	<0.46	<0.46	<0.92	<0.46	<0.35	<0.35	<0.46	<0.46	<0.46	<0.46	---	<0.46	<0.46	<0.46	<0.35	<0.35	<0.46	<0.46	<0.46	<0.46	<0.46	<0.35	<0.35
1,2,3-Trichloropropane	ug/L	8260C	*12*	**60**	<0.41	<0.41	<0.83	<0.41	<1.5	<1.5	<0.41	<0.41	<0.41	<0.41	---	<0.41	<0.41	<0.41	<1.5	<1.5	<0.41	<0.41	<0.41	<0.41	<0.41	<1.5	<1.5
1,2,4-Trichlorobenzene	ug/L	8260C	*14*	**70**	<0.34	<0.34	<0.68	<0.34	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	---	<0.34	<0.34	<0.34	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31
1,2,4-Trimethylbenzene*	ug/L	8260C	*96*	**480**	*350*	48	*200 B*	52	91	*180*	<0.36	<0.36	<0.36	<0.36	---	0.73 J B	0.74 J B	<0.36	<0.30	<0.30	0.45 J	<0.36	<0.36	0.75 J B	<0.36	<0.30	<0.30
1,2-Dibromo-3-Chloropropane	ug/L	8260C	*0.02*	**0.2**	<2.0	<2.0	<4.0	<2.0	<3.9	<3.9	<2.0	<2.0	<2.0	<2.0	---	<2.0	<2.0	<2.0	<3.9	<3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<3.9
1,2-Dibromoethane	ug/L	8260C	*0.005*	**0.05**	<0.39	<0.39	<0.77	<0.39	<0.56	<0.56	<0.39	<0.39	<0.39	<0.39	---	<0.39	<0.39	<0.39	<0.56	<0.56	<0.39	<0.39	<0.39	<0.39	<0.39	<0.56	<0.56
1,2-Dichlorobenzene	ug/L	8260C	*60*	**600**	<0.33	<0.33	<0.67	<0.33	<0.48	<0.48	<0.33	<0.33	<0.33	<0.33	---	<0.33	<0.33	<0.33	<0.48	<0.48	<0.33	<0.33	<0.33	<0.33	<0.33	<0.48	<0.48
1,2-Dichloroethane	ug/L	8260C	*0.5*	**5**	<0.39	<0.39	<0.78	<0.39	<0.58	<0.58	<0.39	<0.39	<0.39	<0.39	---	<0.39	<0.39	<0.39	<0.58	<0.58	<0.39	<0.39	<0.39	<0.39	<0.39	<0.58	<0.58
1,2-Dichloropropane	ug/L	8260C	*0.5*	**5**	<0.43	<0.43	<0.86	<0.43	<0.37	<0.37	<0.43	<0.43	<0.43	<0.43	---	<0.43	<0.43	<0.43	<0.37	<0.37	<0.43	<0.43	<0.43	<0.43	<0.43	<0.37	<0.37
1,3,5-Trimethylbenzene*	ug/L	8260C	*96*	**480**	*150*	12	60 B	13	17	38	<0.25	<0.25	<0.25	<0.25	---	<0.25	<0.25	<0.25	<0.29	<0.29	<0.25	<0.25	<0.25	0.78 J B	<0.25	<0.29	<0.29
1,3-Dichlorobenzene	ug/L	8260C	*60*	**600**	<0.40	<0.40	<0.80	<0.40	<0.41	<0.41	<0.40	<0.40	<0.40	<0.40	---	<0.40	<0.40	<0.40	<0.41	<0.41	<0.40	<0.40	<0.40	<0.40	<0.40	<0.41	<0.41
1,3-Dichloropropane	ug/L	8260C	---	---	<0.36	<0.36	<0.72	<0.36	<0.56	<0.56	<0.36	<0.36	<0.36	<0.36	---	<0.36	<0.36	<0.36	<0.56	<0.56	<0.36	<0.36	<0.36	<0.36	<0.36	<0.56	<0.56
1,4-Dichlorobenzene	ug/L	8260C	*15*	**75**	<0.36	<0.36	<0.73	<0.36	<0.45	<0.45	<0.36	<0.36	<0.36	<0.36	---	<0.36	<0.36	<0.36	<0.45	<0.45	<0.36	<0.36	<0.36	<0.36	<0.36	<0.45	<0.45
2,2-Dichloropropane	ug/L	8260C	---	---	<0.44	<0.44	<0.89	<0.44	<0.48	<0.48	<0.44	<0.44	<0.44	<0.44	---	<0.44	<0.44	<0.44	<0.48	<0.48	<0.44	<0.44	<0.44	<0.44	<0.44	<0.48	<0.48
2-Chlorotoluene	ug/L	8260C	---	---	<0.31	<0.31	<0.63	<0.31	<0.36	<0.36	<0.31	<0.31	<0.31	<0.31	---	<0.31	<0.31	<0.31	<0.36	<0.36	<0.31	<0.31	<0.31	<0.31	<0.31	<0.36	<0.36
4-Chlorotoluene	ug/L	8260C	---	---	<0.35	<0.35	<0.70	<0.35	<0.34	<0.34	<0.35	<0.35	<0.35	<0.35	---	<0.35	<0.35	<0.35	<0.34	<0.34	<0.35	<0.35	<0.35	<0.35	<0.35	<0.34	<0.34
Benzene	ug/L	8260C	*0.5*	**5**	57	**5.1**	**30**	**6.8**	**26**	**30**	<0.15	<0.15	<0.15	<0.15	---	<0.15	<0.15	<0.15	<0.18	<0.18	<0.15	<0.15	<0.15	<0.15	<0.15	<0.18	<0.18
Bromobenzene	ug/L	8260C	---	---	<0.36	<0.36	<0.71	<0.36	<0.60	<0.60	<0.36	<0.36	<0.36	<0.36	---	<0.36	<0.36	<0.36	<0.60	<0.60	<0.36	<0.36	<0.36	<0.36	<0.36	<0.60	<0.60
Bromochloromethane	ug/L	8260C	---	---	<0.43	<0.43	<0.86	<0.43	<0.50	<0.50	<0.43	<0.43	<0.43	<0.43	---	<0.43	<0.43	<0.43	<0.50	<0.50	<0.43	<0.43	<0.43	<0.43	<0.43	<0.50	<0.50
Bromodichloromethane	ug/L	8260C	*0.06*	**0.6**	<0.37	<0.48	<0.97	<0.37	---	---	<0.37	<0.37	<0.37	<0.48	---	<0.48	<0.48	<0.37	---	---	<0.37	<0.37	<0.48	<0.48	<0.37	---	---
Bromoform	ug/L	8260C	*0.44*	**4.4**	<0.48	<0.80	<1.6	<0.48	<0.96	<0.96	<0.48	<0.48	<0.48	<0.80	---	<0.80	<0.80	<0.48	<0.96	<0.96	<0.48	<0.48	<0.80	<0.80	<0.48	<0.96	<0.96
Bromomethane	ug/L	8260C	*1*	**10**	<0.80 *+	<0.38	<0.77	<0.80	<1.8	<1.8	<0.80	<0.80	<0.80	<0.38	---	<0.38	<0.38	<0.80	<1.8	<1.8	<0.80 *+	<0.80	<0.38	<0.38	<0.80	<1.8	<1.8
Carbon tetrachloride	ug/L	8260C	*0.5*	**5**	<0.38	<0.39	<0.77	<0.38	<0.41	<0.41	<0.38	<0.38	<0.38	<0.39	---	<0.39	<0.39	<0.38	<0.41	<0.41	<0.38	<0.38	<0.39	<0.39	<0.38	<0.41	<0.41
Chlorobenzene	ug/L	8260C	---	---	<0.39	5.6	18	<0.39	<0.41	<0.41	<0.39	<0.39	<0.39	<0.51	---	<0.51	<0.51	<0.39	<0.41	<0.41	<0.39	<0.39	<0.51	<0.51	<0.39	<0.41	<0.41
Chloroethane	ug/L	8260C	*80*	**400**	10	<0.37	<0.74	*7.6*	*130*	66	<0.51	<0.51	<0.51	<0.37	---	<0.37	<0.37	<0.51	<0.47	<0.47	<0.51	<0.51	<0.37	<0.37	<0.51	<0.47	<0.47
Chloroform	ug/L	8260C	*0.6*	**6**	<0.37	<0.32	<0.64	<0.37	<0.92	<0.92	<0.37	<0.37	<0.37	<0.32	---	<0.32	<0.32	<0.37	<0.92	<0.92	<0.37	<0.37	<0.32	<0.32	<0.37	<0.92	<0.92
Chloromethane	ug/L	8260C	*3*	**30**	<0.32	*3.1*	*11*	<0.32	<0.79	<0.79	<0.32	<0.32	<0.32	<0.41	---	<0.41	<0.41	<0.32	<0.79	<0.79	<0.32	<0.32	<0.41	<0.41	<0.32	<0.79	<0.79
cis-1,2-Dichloroethene	ug/L	8260C	*7*	**70**	*66*	<0.42	<0.83	5.4	5.0	3.1	**340**	<0.41	<0.41	<0.42	---	<0.42	<0.42	<0.41	<0.42	<0.42	<0.41	<0.41	<0.42	<0.42	<0.41	<0.42	<0.42
cis-1,3-Dichloropropene	ug/L	8260C	*0.04*	**0.4**	<0.42	<0.49	<0.98	<0.42	<0.52	<0.52	<0.42	<0.42	<0.42	<0.49	---	<0.49	<0.49	<0.42	<0.52	<0.52	<0.42	<0.42	<0.49	<0.49	<0.42	<0.52	<0.52
Dibromochloromethane	ug/L	8260C	*6*	**60**	<0.49	<0.27	<0.54	<0.49	<0.83	<0.83	<0.49	<0.49	<0.49	<0.27	---	<0.27	<0.27	<0.49	<0.83	<0.83	<0.49	<0.49	<0.27	<0.27	<0.49	<0.83	<0.83
Dibromomethane	ug/L	8260C	---	---	<0.27	<0.37	<0.74	<0.27	<0.58	<0.58	<0.27	<0.27	<0.27	<0.37	---	<0.37	<0.37	<0.27	<0.58	<0.58	<0.27	<0.27	<0.37	<0.37	<0.27	<0.58	<0.58
Dichlorobromomethane	ug/L	8260C	---	---	---	---	---	---	<0.57	<0.57	---	---	---	---	---	---	---	---	<0.57	<0.57	---	---	---	---	---	<0.57	<0.57
Dichlorodifluoromethane	ug/L	8260C	*200*	**1,000**	<0.67	<0.67	<1.3	<0.67	<1.8	<1.8	<0.67	<0.67	<0.67	<0.67	---	<0.67	<0.67	<0.67	<1.8	<1.8	<0.67	<0.67	<0.67	<0.67	<0.67	<1.8	<1.8
Ethylbenzene	ug/L	8260C	*140*	**700**	*160*	8.1	89	17	39	77	<0.18	<0.18	<0.18	<0.18	---	<0.18	<0.18	<0.18	<0.20	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.20	<0.20
Hexachlorobutadiene	ug/L	8260C	*0.1*	**1**	<0.45	<0.45	<0.89	<0.45	<0.54	<0.54	<0.45	<0.45	<0.45	<0.45	---	<0.45	<0.45	<0.45	<0.54	<0.54	<0.45	<0.45	<0.45	<0.45	<0.45	<0.54	<0.54
Diisopropyl ether	ug/L	8260C	---	---	<0.28	<0.28	<0.55	<0.28	<0.38	<0.38	<0.28	<0.28	<0.28	<0.28	---	<0.28	<0.28	<0.28	<0.38	<0.38	<0.28	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38
Isopropylbenzene	ug/L	8260C	---	---	32	5.0	18	6.6	11	24	<0.39	<0.39	<0.39	<0.39	---	<0.39	<0.39	<0.39	<0.29	<0.29	<0.39	<0.39	<0.39	<0.39	<0.39	<0.29	<0.29
Methyl tert-butyl ether	ug/L	8260C	*12*	**60**	<0.39	<0.39	<0.79	<0.39	<0.43	<0.43	<0.39	<0.39	<0.39	<0.39	---	<0.39	<0.39	<0.39	<0.43	<0.43	<0.39	<0.39	<0.39	<0.39	<0.39	<0.43	<0.43
Methylene Chloride	ug/L	8260C	*0.5*	**5**	**8.8**	<1.6	<3.3	*2.8 J*	<3.6	<3.6	<1.6	<1.6	<1.6	<1.6	---	<1.6	<1.6	*2.2 J*	<3.6	<3.6	**11**	*3.3 J*	<1.6	<1.6	*1.9 J*	<3.6	<3.6
Naphthalene	ug/L	8260C	*10*	**100**	*31*	3.7 B	*22 B*	4.7	9.2	24	<0.34	<0.34	<0.34	<0.34	---	<0.34	<0.34	<0.34	<0.44	<0.44	<0.34	<0.34	<0.34	<0.34	<0.34	<0.44	<0.44
n-Butylbenzene	ug/L	8260C	---	---	<0.39	11	<0.78	13	<0.33	12	<0.39	<0.39	<0.39	<0.39	---	<0.39	<0.39	<0.39	<0.33	<0.33	<0.39	<0.39	<0.39	<0.39	<0.39	<0.33	<0.33
n-Propylbenzene	ug/L	8260C	---	---	58	8.4	28 B	10	17	34	<0.41	<0.41	<0.41	<0.41	---	<0.41	<0.41	<0.41	<0.32	<0.32	<0.41	<0.41	<0.41	<0.41	<0.41	<0.32	<0.32
p-Isopropyltoluene	ug/L	8260C	---	---	45	5.7	13 B	4.4	2.9	7.0	<0.36	<0.36	<0.36	<0.36	---	<0.36	<0.36	<0.36	<0.29	<0.29	<0.36	<0.36	<0.36	0.72 J B	<0.36	<0.29	<0.29
sec-Butylbenzene	ug/L	8260C	---	---	36	8.0	16 B	8.2	5.5	11	<0.40	<0.40	<0.40	<0.40	---	<0.40	<0.40	<0.40	<0.27	<0.27	<0.40	<0.40	<0.40	<0.40	<0.40	<0.27	<0.27
Styrene	ug/L	8260C	*10*	**100**	<0.39	<0.39	<0.77	<0.39	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	---	<0.39	0.83 J	<0.39	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.31
tert-Butylbenzene	ug/L	8260C	---	---	4.8	1.6	<0.80	<0.40	1.6	2.5	<0.40	<0.40	<0.40	<0.40	---	<0.40	<0.40	<0.40	<0.26	<0.26	<0.40	<0.40	<0.40	<0.40	<0.40	<0.26	<0.26
Tetrachloroethene	ug/L	8260C	*0.5*	**5**	*1*	<0.37	<0.74	<0.37	<0.39	<0.39	<0.37	<0.37	<0.37	<0.37	---	<0.37	<0.37	<0.37	<0.39	<0.39	<0.37	<0.37	<0.37	<0.37	<0.37	<0.39	<0.39
Toluene	ug/L	8260C	*160*	**800**	19	0.59	7.0	0.92	2.9	4.6	<0.15	<0.15	<0.15	<0.15	---	<0.15	<0.15	<0.15	<0.21	<0.21	<0.15	<0.15	<0.15	<0.15	<0.15	<0.21	<0.21
trans-1,2-Dichloroethene	ug/L	8260C	*20*	**100**	3	<0.35	*1.6 J*	<0.35	<0.44	3.0	2.8	<0.35	<0.35	<0.35	---	<0.35	<0.35	<0.35	<0.44	<0.44	<0.35	<0.35	<0.35	<0.35	<0.35	<0.44	<0.44
trans-1,3-Dichloropropene	ug/L	8260C	*0.04*	**0.4**	<0.36	<0.36	<0.72	<0.36	<0.63	<0.63	<0.36	<0.36	<0.36	<0.36	---	<0.36	<0.36	<0.36	<0.63	<0.63	<0.36	<0.36	<0.36	<0.36	<0.36	<0.63	<0.63
Trichloroethene	ug/L	8260C	*0.5*	**5**	**11**	*4.5*	**8.4**	**11**	*4.2*	*0.63*	**26**	<0.16	<0.16	<0.16	---	<0.16	<0.16	<0.16	<0.15	<0.15	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<0.15
Trichlorofluoromethane	ug/L	8260C	---	---	<0.43	<0.43	<0.85	<0.43	<0.44	<0.44	<0.43	<0.43	<0.43	<0.43	---	<0.43	<0.43	<0.43	<0.44	<0.44	<0.43	<0.43	<0.43	<0.43	<0.43	<0.44	<0.44
Vinyl chloride	ug/L	8260C	*0.02*	**0.2**	<0.20	<0.20	**7.2**	<0.20	**54**	**7.8**	<0.20	<0.20	<0.20	<0.20	---	<0.20	<0.20	<0.20	<0.47	<0.47	<0.20	<0.20	<0.20	<0.20	<0.20	<0.47	<0.47
Total Xylenes	ug/L	8260C	*400*	**2,000**	320	16	140	20	43	85	<0.22	<0.22	<0.22	<0.22	---	0.31 J	<0.22	<0.22	<0.30	<0.30	<0.22	<0.22	<0.22	<0.22	<0.22	<0.30	<0.30

Notes:

Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023

Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023

--- No Established Standard/Not Sampled

ug/L= Results expressed in micrograms per liter (ug/L)

* = The combined total of 1,2,4 and 1,3,5-TMB

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

B = Compound was found in the blank and sample

Methylene Chloride is a lab artifact, indicated by detections in the trip blanks

1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

3 - Dup-2 is of MW-4RR

TABLE 2
GROUNDWATER QUALITY TEST RESULTS-VOCs
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-27/MW-6		DUP-1[2]	EB-B-27/MW-6					EB-MW-8		EB-MW-9		EB-MW-10		DUP-1	DUP-1	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Date					8/25/2021	11/12/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	6/30/2021	7/29/2021	8/25/2021	11/21/2021	11/29/2021	3/10/2022	3/30/2022	11/14/2023	7/5/2024	10/30/2024
Volatile Organic Compounds (VOCs)																														
1,1,1,2-Tetrachloroethane	ug/L	8260C	*7*	**70**	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.67	<0.67	<0.67
1,1,1-Trichloroethane	ug/L	8260C	*40*	**200**	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	0.80 J	<0.45	0.84 J	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.45	<0.45	<0.45
1,1,2,2-Tetrachloroethane	ug/L	8260C	*0.02*	**0.2**	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.65	<0.65	<0.65
1,1,2-Trichloroethane	ug/L	8260C	*0.5*	**5**	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.73	<0.73	<0.73
1,1-Dichloroethane	ug/L	8260C	*85*	**850**	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	12	27	14	27	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.36	<0.36	<0.36
1,1-Dichloroethene	ug/L	8260C	*0.7*	**7**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.48	<0.48	<0.48
1,1-Dichloropropene	ug/L	8260C	---	---	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.33	<0.33	<0.33
1,2,3-Trichlorobenzene	ug/L	8260C	---	---	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.35	<0.35	<0.35
1,2,3-Trichloropropane	ug/L	8260C	*12*	**60**	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<1.5	<1.5	<1.5
1,2,4-Trichlorobenzene	ug/L	8260C	*14*	**70**	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31	<0.31
1,2,4-Trimethylbenzene*	ug/L	8260C	*96*	**480**	<0.36	<0.36	<0.36	<0.36	0.80 J B	<0.36	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	49	*240*	64	*270*	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.30	0.67 J	
1,2-Dibromo-3-Chloropropane	ug/L	8260C	*0.02*	**0.2**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<2.0	<2.0 *-	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<3.9	
1,2-Dibromoethane	ug/L	8260C	*0.005*	**0.05**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.56	<0.56	
1,2-Dichlorobenzene	ug/L	8260C	*60*	**600**	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.48	<0.48	
1,2-Dichloroethane	ug/L	8260C	*0.5*	**5**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.58	<0.58	
1,2-Dichloropropane	ug/L	8260C	*0.5*	**5**	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.37	<0.37	
1,3,5-Trimethylbenzene*	ug/L	8260C	*96*	**480**	<0.25	<0.25	<0.25	<0.25	0.79 J B	<0.25	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	23	97	29	*100*	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.29	<0.29	
1,3-Dichlorobenzene	ug/L	8260C	*60*	**600**	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.41	<0.41	
1,3-Dichloropropane	ug/L	8260C	---	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.56	<0.56	
1,4-Dichlorobenzene	ug/L	8260C	*15*	**75**	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.45	<0.45	
2,2-Dichloropropane	ug/L	8260C	---	---	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.48	<0.48	
2-Chlorotoluene	ug/L	8260C	---	---	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.36	<0.36	
4-Chlorotoluene	ug/L	8260C	---	---	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.34	<0.34	
Benzene	ug/L	8260C	*0.5*	**5**	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	0.38 J	*2.2*	0.61	*2.1*	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.18	<0.18	
Bromobenzene	ug/L	8260C	---	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.60	<0.60	
Bromochloromethane	ug/L	8260C	---	---	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.50	<0.50	
Bromodichloromethane	ug/L	8260C	*0.06*	**0.6**	<0.37	<0.37	<0.37	<0.48	<0.48	<0.37	---	---	---	---	---	---	---	---	---	---	<0.37	<0.37	<0.37	<0.37	<0.37	<0.48	<0.48	<0.37	---	
Bromoform	ug/L	8260C	*0.44*	**4.4**	<0.48	<0.48	<0.48	<0.80	<0.80	<0.48	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48	<0.80	<0.80	<0.48	<0.96	<0.96
Bromomethane	ug/L	8260C	*1*	**10**	<0.80	<0.80	<0.80	<0.38	<0.38	<0.80	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<0.80	<0.80	<0.80	<0.80	<0.80	<0.38	<0.38	<0.80	<1.8	<1.8
Carbon tetrachloride	ug/L	8260C	*0.5*	**5**	<0.38	<0.38	<0.38	<0.39	<0.39	<0.38	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.38	<0.38	<0.38	<0.38	<0.38	<0.39	<0.39	<0.38	<0.41	<0.41
Chlorobenzene	ug/L	8260C	---	---	<0.39	<0.39	<0.39	<0.51	<0.51	<0.39	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.39	<0.39	<0.39	<0.39	<0.39	<0.51	<0.51	<0.39	<0.41	<0.41
Chloroethane	ug/L	8260C	*80*	**400**	<0.51	<0.51	<0.51	<0.37	<0.37	<0.51	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	1.0 J	<0.47	1.1 J	<0.51	<0.51	<0.51	<0.51	<0.51	<0.37	<0.37	<0.51	<0.47	<0.47
Chloroform	ug/L	8260C	*0.6*	**6**	<0.37	<0.37	<0.37	<0.32	<0.32	<0.37	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.37	<0.37	<0.37	<0.37	<0.37	<0.32	<0.32	<0.37	<0.92	<0.92
Chloromethane	ug/L	8260C	*3*	**30**	<0.32	<0.32	<0.32	<0.41	<0.41	<0.32	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.32	<0.32	<0.32	<0.32	<0.32	<0.41	<0.41	<0.32	<0.79	<0.79
cis-1,2-Dichloroethene	ug/L	8260C	*7*	**70**	<0.41	<0.41	<0.41	<0.42	<0.42	<0.41	<0.42	<0.42	3.3	3.8	<0.42	<0.42	*15*	*50*	*25*	*50*	<0.41	<0.41	<0.41	<0.41	<0.41	<0.42	<0.42	<0.41	<0.42	<0.42
cis-1,3-Dichloropropene	ug/L	8260C	*0.04*	**0.4**	<0.42	<0.42	<0.42	<0.49	<0.49	<0.42	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.42	<0.42	<0.42	<0.42	<0.42	<0.49	<0.49	<0.42	<0.52	<0.52
Dibromochloromethane	ug/L	8260C	*6*	**60**	<0.49	<0.49	<0.49	<0.27	<0.27	<0.49	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.49	<0.49	<0.49	<0.49	<0.49	<0.27	<0.27	<0.49	<0.83	<0.83
Dibromomethane	ug/L	8260C	---	---	<0.27	<0.27	<0.27	<0.37	<0.37	<0.27	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.27	<0.27	<0.27	<0.27	<0.27	<0.37	<0.37	<0.27	<0.58	<0.58
Dichlorobromomethane	ug/L	8260C	---	---	---	---	---	---	---	---	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	---	---	---	---	---	---	---	---	<0.57	<0.57
Dichlorodifluoromethane	ug/L	8260C	*200*	**1,000**	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<1.8	<1.8
Ethylbenzene	ug/L	8260C	*140*	**700**	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	5.4	79	9.1	78	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.20	<0.20
Hexachlorobutadiene	ug/L	8260C	*0.1*	**1**	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.54	<0.54
Diisopropyl ether	ug/L	8260C	---	---	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38
Isopropylbenzene	ug/L	8260C	---	---	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	3.4	24	4.4	25	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.29	<0.29
Methyl tert-butyl ether	ug/L	8260C	*12*	**60**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.43	<0.43	<0.43
Methylene Chloride	ug/L	8260C	*0.5*	**5**	<1.6	*3.5 J*	*3.5 J*	<1.6	<1.6	*2.2 J*	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<1.6	**9.8**	<1.6	<1.6	*3.5 J*	*4.1 J*	<1.6	<1.6	*1.8 J*	<3.6	<3.6
Naphthalene	ug/L	8260C	*10*	**100**	<0.34	<0.34	<0.34	<0.34	0.70 J B	<0.34	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	3.2	*19*	3.3	*20*	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.44	<0.44	<0.44
n-Butylbenzene	ug/L	8260C	---	---	<0.39	<0.39	<0.39	<0.39	0.64 J B	<0.39	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	15	69	11	81	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.33	<0.33	<0.33
n-Propylbenzene	ug/L	8260C	---	---	<0.41	<0.41	<0.41	<0.41	0.60 J B	<0.41	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	6.9	41	7.5	43	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.32	<0.32	<0.32
p-Isopropyltoluene	ug/L	8260C	---	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	9.9	30	8.2	35	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.29	<0.29	<0.29
sec-Butylbenzene	ug/L	8260C	---	---	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	6.9	31	5.6	35	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.27	<0.27	<0.27
Styrene	ug/L	8260C	*10*	**100**	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.31	<0.31	<0.31
tert-Butylbenzene	ug/L	8260C	---	---	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	1.2	4.0	1.2	4.3	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.26	<0.26	<0.26
Tetrachloroethene	ug/L	8260C	*0.5*	**5**	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	*0.50 J*	*0.56 J*	*0.59 J*	*0.58 J*	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.39	<0.39	<0.39
Toluene	ug/L	8260C	*160*	**800**	<0.15	<0.15	<0.15	<0.15	0.21 J	<0.15	<0.21	<0.21	<0.21	<0.21	0.36 J	0.26 J	<0.21	1.1	0.24 J	1.1	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.21	<0.21	<0.21
trans-1,2-Dichloroethene	ug/L	8260C	*20*	**100**	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	1.9	0.56 J	1.8	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.44	<0.44	<0.44
trans-1,3-Dichloropropene	ug/L	8260C	*0.04*	**0.4**	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.63	<0.63	<0.63
Trichloroethene	ug/L	8260C	*0.5*	**5**	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	**28**	**6.8**	**29**	**6.6**	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.15	<0.15	<0.15
Trichlorofluoromethane	ug/L	8260C	---	---	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.44	<0.44	<0.44
Vinyl chloride	ug/L	8260C	*0.02*	**0.2**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.47	<0.47	<0.47	*0.87 J*	<0.47	<0.47	**1.2**	**16**	**1.5**	**16**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.47	<0.47	
Total Xylenes	ug/L	8260C	*400*	**2,000**	<0.22	<0.22	<0.22	<0.22	0.35 J	<0.22	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	14	120	25	120	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.30	<0.30	<0.30

Notes:

Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023

Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023

--- No Established Standard/Not Sampled

ug/L= Results expressed in micrograms per liter (ug/L)

* = The combined total of 1,2,4 and 1,3,5-TMB

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate va

B = Compound was found in the blank and sample

TABLE 3
GROUNDWATER QUALITY TEST RESULTS-SVOCS
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample					EB-B-18/MW-2[1]						EB-MW-3	EB-B-20/MW-4	EB-B-20A/MW-4R			MW-4RR			
Date	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024	11/29/2021	7/29/2021	12/14/2021	3/10/2022	3/30/2022	8/4-5/2022	11/14/2023	7/5/2024	10/30/2024
Semi-Volatile Organic Compounds (SVOCs)																			
1,2,4-Trichlorobenzene	ug/L	8270D	*14*	**70**	---	---	---	---	---	---	---	<0.18	<0.18	---	<0.19	<0.19	---	---	---
1,2-Dichlorobenzene	ug/L	8270D	*60*	**600**	---	---	---	---	---	---	---	<0.18	<0.18	---	<0.20	<0.19	---	---	---
1,3-Dichlorobenzene	ug/L	8270D	*120*	**600**	---	---	---	---	---	---	---	<0.16	<0.16	---	<0.17	<0.16	---	---	---
1,4-Dichlorobenzene	ug/L	8270D	*15*	**75**	---	---	---	---	---	---	---	<0.16	<0.16	---	<0.17	<0.16	---	---	---
1-Methylnaphthalene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.22	<0.23	---	<0.24	<0.24	---	---	---
2,2'-oxybis[1-chloropropane]	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.28	<0.28	---	<0.31	<0.30	---	---	---
2,4,5-Trichlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.9	<1.9	---	<2.1	<2.0	---	---	---
2,4,6-Trichlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.53	<0.54	---	<0.58	<0.56	---	---	---
2,4-Dichlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.9	<1.9	---	<2.1	<2.0	---	---	---
2,4-Dimethylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.3	<1.3	---	<1.4	<1.4	---	---	---
2,4-Dinitrophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<6.4	<6.4	---	<6.9	<6.7	---	---	---
2,4-Dinitrotoluene	ug/L	8270D	*0.005*	**0.05**	---	---	---	---	---	---	---	<0.18	<0.18	---	<0.20	<0.19	---	---	---
2,6-Dinitrotoluene	ug/L	8270D	*0.005*	**0.05**	---	---	---	---	---	---	---	<0.055	<0.055	---	<0.059	<0.058	---	---	---
2-Chloronaphthalene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.18	<0.18	---	<0.19	<0.18	---	---	---
2-Chlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.42	<0.42	---	<0.45	<0.44	---	---	---
2-Methylnaphthalene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	0.055 J	<0.049	---	<0.052	0.084 J	---	---	---
2-Methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.23	<0.23	---	<0.25	<0.24	---	---	---
2-Nitroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.96	<0.96	---	<1.0	<1.0	---	---	---
2-Nitrophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.9	<1.9	---	<2.0	<2.0	---	---	---
3 & 4 Methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.34	<0.34	---	<0.36	<0.35	---	---	---
3,3'-Dichlorobenzidine	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.3 *+	<1.3	---	<1.4	<1.3	---	---	---
3-Nitroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	1.6 J	<1.3	---	<1.4	<1.4	---	---	---
4,6-Dinitro-2-methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<4.4	<4.4	---	<4.7	<4.6	---	---	---
4-Bromophenyl phenyl ether	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.40	<0.40	---	<0.43	<0.42	---	---	---
4-Chloro-3-methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.7	<1.7	---	<1.8	<1.8	---	---	---
4-Chloroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.5	<1.5	---	<1.6	<1.6	---	---	---
4-Chlorophenyl phenyl ether	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.47	<0.48	---	<0.51	<0.50	---	---	---
4-Nitroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<1.2	<1.2	---	<1.3	<1.3	---	---	---
4-Nitrophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<5.5	<5.6	---	<6.0	<5.8	---	---	---
Acenaphthene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.23	<0.23	---	<0.25	<0.24	---	---	---
Acenaphthylene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.20	<0.20	---	<0.21	<0.21	---	---	---
Anthracene	ug/L	8270D	*3000*	**600**	---	---	---	---	---	---	---	<0.25	<0.25	---	<0.27	<0.26	---	---	---
Benzo[a]anthracene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.042	<0.042	---	<0.046	0.12 J	---	---	---
Benzo[a]pyrene	ug/L	8270D	*0.02*	**0.2**	---	---	---	---	---	---	---	<0.074	<0.074	---	<0.079	*0.17*	---	---	---
Benzo[b]fluoranthene	ug/L	8270D	*0.02*	**0.2**	---	---	---	---	---	---	---	<0.060	<0.060	---	<0.065	*0.19*	---	---	---
Benzo[g,h,i]perylene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.28	<0.28	---	<0.30	<0.29	---	---	---
Benzo[k]fluoranthene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.048	<0.048	---	<0.051	<0.050	---	---	---
Benzoic acid	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<4.3	10 J *1	---	<4.6	<4.5	---	---	---
Benzyl alcohol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<4.5	<4.5	---	<4.9	<4.7	---	---	---
Bis(2-chloroethoxy)methane	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.21	<0.21	---	<0.23	<0.22	---	---	---
Bis(2-chloroethyl)ether	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.22	<0.22	---	<0.24	<0.23	---	---	---
Bis(2-ethylhexyl) phthalate	ug/L	8270D	*0.6*	**6**	---	---	---	---	---	---	---	<1.3	<1.3	---	<1.4	*3.8 J*	---	---	---
Butyl benzyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.36	<0.36	---	<0.39	<0.38	---	---	---
Carbazole	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	0.37 J	<0.26	---	<0.28	<0.28	---	---	---
Chrysene	ug/L	8270D	*0.02*	**0.2**	---	---	---	---	---	---	---	<0.051	<0.051	---	<0.055	*0.18*	---	---	---
Dibenz(a,h)anthracene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.038	<0.038	---	<0.041	<0.040	---	---	---
Dibenzofuran	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.20	<0.20	---	<0.21	<0.21	---	---	---
Diethyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.27	<0.27	---	<0.29	<0.28	---	---	---
Dimethyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.23	<0.24	---	<0.25	<0.25	---	---	---
Di-n-butyl phthalate	ug/L	8270D	*100*	**1000**	---	---	---	---	---	---	---	<0.55	<0.55	---	<0.59	<0.57	---	---	---
Di-n-octyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.78	<0.79	---	<0.84	<0.82	---	---	---
Fluoranthene	ug/L	8270D	*80*	**400**	---	---	---	---	---	---	---	<0.34	<0.34	---	<0.36	<0.36	---	---	---
Fluorene	ug/L	8270D	*80*	**400**	---	---	---	---	---	---	---	<0.18	<0.18	---	<0.20	<0.19	---	---	---
Hexachlorobenzene	ug/L	8270D	*0.1*	**1**	---	---	---	---	---	---	---	<0.059	<0.059	---	<0.064	<0.062	---	---	---
Hexachlorobutadiene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.38	<0.39	---	<0.41	<0.40	---	---	---
Hexachlorocyclopentadiene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<4.8	<4.8	---	<5.1	<5.0	---	---	---
Hexachloroethane	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.45	<0.45	---	<0.48	<0.47	---	---	---
Indeno[1,2,3-cd]pyrene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.056	<0.056	---	<0.060	0.094 J	---	---	---
Isophorone	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.28	<0.28	---	<0.30	<0.29	---	---	---
Naphthalene	ug/L	8270D	*10*	**100**	---	---	---	---	---	---	---	<0.23	<0.23	---	<0.25	<0.24	---	---	---
Nitrobenzene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.34	<0.34	---	<0.36	<0.35	---	---	---
N-Nitrosodi-n-propylamine	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.11	<0.12	---	<0.12	<0.12	---	---	---
N-Nitrosodiphenylamine	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.28	<0.28	---	<0.30	<0.29	---	---	---
Pentachlorophenol	ug/L	8270D	*0.1*	**1**	---	---	---	---	---	---	---	<2.9	**1000**	---	**220**	<3.1	---	---	---
Phenanthrene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	<0.22	<0.23	---	<0.24	0.31 J	---	---	---
Phenol	ug/L	8270D	*400*	**2000**	---	---	---	---	---	---	---	<0.50	<0.50	---	<0.54	<0.53	---	---	---
Pyrene	ug/L	8270D	*50*	**250**	---	---	---	---	---	---	---	<0.32	<0.32	---	<0.34	0.38 J	---	---	---
Polycyclic Aromatic Hydrocarbons (PAHs)																			
1-Methylnaphthalene	ug/L	8270D	---	**---**	2.7	<4.6	2.2	1.0 J	0.72 J	1.5 J	---	---	---	---	---	---	<0.23	---	<5.4
2-Methylnaphthalene	ug/L	8270D	---	**---**	1.9	1.4 J	0.94 J	0.26 J	<0.050	0.59 J	---	---	---	---	---	---	<0.050	---	<1.2
Acenaphthene	ug/L	8270D	---	**---**	0.56 J	<4.7	0.47 J	<0.25	<0.24	0.27 J	---	---	---	---	---	---	<0.24	---	<5.5
Acenaphthylene	ug/L	8270D	---	**---**	<0.20	<4.1	<0.20	<0.21	<0.20	<0.21	---	---	---	---	---	---	<0.20	---	<4.8
Anthracene	ug/L	8270D	*600*	**3000**	0.31 J	<5.1	0.53 J	<0.26	<0.26	<0.27	---	---	---	---	---	---	<0.25	---	<5.9
Benzo[a]anthracene	ug/L	8270D	---	**---**	0.5	<0.86	0.56	<0.045	0.25 *-	<0.045	---	---	---	---	---	---	<0.043	---	<1.0
Benzo[a]pyrene	ug/L	8270D	*0.02*	**0.2**	**0.49**	<1.5	**0.57**	<0.078	**0.22 *- *1**	<0.079	---	---	---	---	---	---	<0.075	---	<1.8
Benzo[b]fluoranthene	ug/L	8270D	*0.02*	**0.2**	**0.56**	<1.2	**0.79**	<0.064	**0.28**	<0.064	---	---	---	---	---	---	<0.061	---	<1.4
Benzo[g,h,i]perylene	ug/L	8270D	---	**---**	<0.28	<5.7	<0.28	<0.30	0.36 J *- *1	<0.30	---	---	---	---	---	---	<0.29	---	<6.7
Benzo[k]fluoranthene	ug/L	8270D	---	**---**	<0.048	<0.98	0.21	<0.051	0.14 J *- *1	<0.051	---	---	---	---	---	---	<0.049	---	<1.1
Chrysene	ug/L	8270D	*0.02*	**0.2**	**0.7**	<1.0	**0.77**	<0.054	**0.33 *-**	<0.054	---	---	---	---	---	---	<0.052	---	<1.2
Dibenz(a,h)anthracene	ug/L	8270D	---	**---**	<0.038	<0.77	0.11 J	<0.040	<0.039	<0.040	---	---	---	---	---	---	<0.039	---	<0.90
Fluoranthene	ug/L	8270D	*80*	**400**	1.4	<6.9	1.7	<0.36	0.45 J	<0.36	---	---	---	---	---	---	<0.35	---	<8.1
Fluorene	ug/L	8270D	*80*	**400**	0.46 J	<3.7	0.54 J	<0.19	<0.19	0.23 J	---	---	---	---	---	---	<0.19	---	<4.3
Indeno[1,2,3-cd]pyrene	ug/L	8270D	---	**---**	0.27	<1.1	0.26	<0.059	0.25	<0.060	---	---	---	---	---	---	<0.057	---	<1.3
Naphthalene	ug/L	8270D	*10*	**100**	*14*	*12 J*	*12*	4.0	3.5	*11*	---	---	---	---	---	---	<0.24	---	<5.5
Phenanthrene	ug/L	8270D	---	**---**	1.4	<4.6	1.7	<0.24	<0.23	<0.24	---	---	---	---	---	---	<0.23	---	<5.4
Pyrene	ug/L	8270D	*50*	**250**	1.5	<6.5	1.9	<0.34	0.45 J *- *1	0.39 J	---	---	---	---	---	---	<0.32	---	<7.6

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- No Established Standard/Not Sampled
ug/L= Results expresssed in micrograms per liter (ug/L)
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value
B = Compound was found in the blank and sample

1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

TABLE 3
GROUNDWATER QUALITY TEST RESULTS-SVOCS
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample					EB-B-21/MW-5							EB-B-27/MW-6							EB-MW-8		EB-MW-9		EB-MW-10		DUP-1
Date	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	6/30/2021	11/12/22021	3/10/2022	8/5/2022	11/14/2023	7/3/2024	10/30/2024	8/25/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024
Semi-Volatile Organic Compounds (SVOCs)																									
1,2,4-Trichlorobenzene	ug/L	8270D	*14*	**70**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/L	8270D	*60*	**600**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ug/L	8270D	*120*	**600**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/L	8270D	*15*	**75**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2'-oxybis[1-chloropropane]	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,6-Trichlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-Dimethylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-Dinitrophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene	ug/L	8270D	*0.005*	**0.05**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene	ug/L	8270D	*0.005*	**0.05**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Chloronaphthalene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Chlorophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Nitroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Nitrophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 & 4 Methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzidine	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-Nitroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Bromophenyl phenyl ether	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Chloro-3-methylphenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Chloroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenyl phenyl ether	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Nitroaniline	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Nitrophenol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene	ug/L	8270D	*3000*	**600**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene	ug/L	8270D	*0.02*	**0.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	ug/L	8270D	*0.02*	**0.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[g,h,i]perylene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzoic acid	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy)methane	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	ug/L	8270D	*0.6*	**6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbazole	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrysene	ug/L	8270D	*0.02*	**0.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	ug/L	8270D	*100*	**1000**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	ug/L	8270D	*80*	**400**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fluorene	ug/L	8270D	*80*	**400**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	ug/L	8270D	*0.1*	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isophorone	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/L	8270D	*10*	**100**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-Nitrosodi-n-propylamine	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-Nitrosodiphenylamine	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	ug/L	8270D	*0.1*	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	ug/L	8270D	---	**---**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenol	ug/L	8270D	*400*	**2000**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pyrene	ug/L	8270D	*50*	**250**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Polycyclic Aromatic Hydrocarbons (PAHs)																									
1-Methylnaphthalene	ug/L	8270D	---	**---**	<0.22	<0.23	<0.22	<0.25	<0.25	<6.0	<0.25	<0.24	<0.23	<0.24	---	<0.24	---	<0.25	<0.22	<0.25	<0.22	<0.28	<0.23	2.2	<0.23
2-Methylnaphthalene	ug/L	8270D	---	**---**	<0.048	<0.050	<0.049	<0.054	<0.054	<1.3	<0.054	0.11 J	<0.049	0.11 J	---	0.11 J	---	0.092 J	<0.047	<0.053	<0.049	0.078 J	<0.049	1.1 J	<0.049
Acenaphthene	ug/L	8270D	---	**---**	<0.23	<0.23	<0.23	<0.26	<0.26	<6.2	<0.26	<0.24	<0.23	<0.25	---	<0.25	---	<0.25	<0.23	<0.25	<0.23	<0.29	<0.23	0.28 J	<0.23
Acenaphthylene	ug/L	8270D	---	**---**	<0.20	<0.20	<0.20	<0.22	<0.22	<5.4	<0.22	<0.21	<0.20	<0.22	---	<0.22	---	<0.22	<0.20	<0.22	<0.20	<0.25	<0.20	<0.21	<0.20
Anthracene	ug/L	8270D	*600*	**3000**	<0.25	<0.25	<0.25	<0.28	<0.28	<6.7	<0.28	<0.26	<0.25	<0.27	---	<0.27	---	<0.27	<0.24	<0.27	<0.25	<0.31	<0.25	<0.26	<0.25
Benzo[a]anthracene	ug/L	8270D	---	**---**	<0.042	<0.043	0.042 J	<0.047	<0.047	<1.1	<0.047	<0.045	0.16	0.24	---	0.24	---	<0.047	<0.041	<0.046	<0.042	<0.053	0.43 *-	0.25	<0.043
Benzo[a]pyrene	ug/L	8270D	*0.02*	**0.2**	<0.073	<0.075	<0.074	<0.082	<0.082	<2.0	<0.082	<0.078	**0.21**	**0.22**	---	**0.27**	---	<0.081	<0.072	<0.081	<0.074	<0.093	**0.35 *- *1**	*0.17*	<0.075
Benzo[b]fluoranthene	ug/L	8270D	*0.02*	**0.2**	<0.060	<0.061	<0.060	<0.067	<0.067	<1.6	<0.067	<0.064	*0.16*	0.27	---	0.27	---	<0.066	<0.059	<0.066	<0.060	<0.076	**0.42**	*0.18*	<0.061
Benzo[g,h,i]perylene	ug/L	8270D	---	**---**	<0.28	<0.29	<0.28	<0.31	<0.31	<7.5	<0.31	<0.30	<0.28	<0.30	---	<0.30	---	<0.31	<0.27	<0.31	<0.28	<0.35	0.51 J *- *1	<0.29	<0.28
Benzo[k]fluoranthene	ug/L	8270D	---	**---**	<0.048	<0.049	<0.048	<0.053	<0.053	<1.3	<0.053	<0.051	0.14 J	0.10 J	---	0.10 J	---	<0.053	<0.047	<0.052	<0.048	<0.060	0.33 *- *1	0.072 J	<0.048
Chrysene	ug/L	8270D	*0.02*	**0.2**	<0.051	<0.052	<0.051	<0.057	<0.057	<1.4	<0.056	<0.054	*0.14 J*	0.23	---	0.23	---	<0.056	<0.050	<0.056	<0.051	<0.064	**0.43 *-**	**0.23**	<0.051
Dibenz(a,h)anthracene	ug/L	8270D	---	**---**	<0.038	<0.039	<0.038	<0.042	<0.042	<1.0	<0.042	<0.040	0.15 J	<0.041	---	<0.041	---	<0.042	<0.037	<0.042	<0.038	<0.048	0.33	<0.039	<0.038
Fluoranthene	ug/L	8270D	*80*	**400**	<0.34	<0.34	<0.34	<0.38	<0.38	<9.1	<0.38	<0.36	<0.34	<0.37	---	<0.37	---	<0.37	<0.33	<0.37	<0.34	<0.43	0.52 J	0.54 J	<0.34
Fluorene	ug/L	8270D	*80*	**400**	<0.18	<0.19	<0.18	<0.20	<0.20	<4.9	<0.20	<0.19	<0.19	<0.20	---	<0.20	---	<0.20	<0.18	<0.20	<0.18	<0.23	<0.18	0.50 J	<0.18
Indeno[1,2,3-cd]pyrene	ug/L	8270D	---	**---**	<0.056	<0.057	<0.056	<0.062	<0.062	<1.5	<0.062	<0.059	0.10 J	0.20	---	0.20	---	<0.061	<0.055	<0.061	<0.056	<0.070	0.42	<0.057	<0.056
Naphthalene	ug/L	8270D	*10*	**100**	<0.23	<0.23	<0.23	<0.26	<0.26	<6.2	<0.26	<0.24	<0.23	<0.25	---	<0.25	---	<0.25	<0.23	<0.25	<0.23	<0.29	<0.23	9.6	<0.23
Phenanthrene	ug/L	8270D	---	**---**	<0.22	<0.23	<0.22	<0.25	<0.25	<6.0	<0.25	<0.24	<0.23	0.24 J	---	0.24 J	---	<0.25	<0.22	<0.25	<0.22	<0.28	<0.23	0.67 J	<0.23
Pyrene	ug/L	8270D	*50*	**250**	<0.32	<0.32	<0.32	<0.35	<0.35	<8.5	<0.35	<0.34	<0.32	<0.34	---	<0.34	---	<0.35	<0.31	<0.35	<0.32	<0.40	0.68 J *- *1	0.63 J *-	<0.32

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- No Established Standard/Not Sampled
ug/L= Results expresssed in microigrams per liter (ug/L)
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the
B = Compound was found in the blank and sample

TABLE 4
GROUNDWATER QUALITY TEST RESULTS-RCRA METALS
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-18/MW-2[1]						EB-MW-3	EB-B-20/MW-4	EB-B-20A/MW-4R			MW-4RR			
Date					6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024	11/29/2021	7/29/2021	12/14/2021	3/10/2022	3/30/2022	8/4-5/2022	11/14/2023	7/5/2024	10/30/2024
Dissolved Resource Conservation and Recovery Act (RCRA) Metals																			
Arsenic	ug/L	6020A/B	*1*	**10**	---	---	---	0.92 J	*1.3*	*4.3*	---	---	0.92 J	---	---	---	0.34 J	---	*4.5*
Barium	ug/L	6020A/B	*400*	**2000**	---	---	---	130	150	220	---	---	140 B	---	---	---	68	---	150
Cadmium	ug/L	6020A/B	*0.5*	**5**	---	---	---	<0.17	<0.17	<0.17	---	---	<0.17	---	---	---	0.20 J	---	*0.78*
Chromium	ug/L	6020A/B	*10*	**100**	---	---	---	<1.1	<1.1	2.7 J	---	---	<1.1	---	---	---	<1.1	---	5.1
Lead	ug/L	6020A/B	*1.5*	**15**	---	---	---	0.47 J B	<0.19	*7.4*	---	---	<0.19	---	---	---	0.62 B	---	*12*
Selenium	ug/L	6020A/B	*10*	**50**	---	---	---	<0.98	<0.98	2.3 J	---	---	4.8	---	---	---	<0.98	---	1.2 J
Silver	ug/L	6020A/B	*10*	**50**	---	---	---	<0.12	<0.12	<0.12	---	---	<0.12	---	---	---	<0.12	---	<0.12
Mercury	ug/L	7470A	*0.2*	**2**	---	---	---	<0.079	<0.076	<0.076	---	---	<0.098	---	---	---	<0.079	---	<0.076

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- Not Sampled
ug/L= Results expresssed in micrograms per liter (ug/L)
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value
B = Compound was found in the blank and sample
1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

TABLE 4
GROUNDWATER QUALITY TEST RESULTS-RCRA METALS
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-21/MW-5							EB-B-27/MW-6							EB-MW-8		EB-MW-9		EB-MW-10		DUP-1
Date					6/30/2021	11/12/22021	3/10/2022	8/5/2022	11/14/2023	7/3/2024	10/30/2024	8/25/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024
Dissolved Resource Conservation and Recovery Act (RCRA) Metals																									
Arsenic	ug/L	6020A/B	*1*	**10**	---	0.65 J	0.85 J	---	0.56 J	0.33 J	*9.1*	*4.5 B*	*1.6*	*1.5*	---	0.68 J	---	---	**15**	**47**	0.65 J	*3.9*	0.94 J	*6.7*	0.81 J
Barium	ug/L	6020A/B	*400*	**2000**	---	150	120	---	45	39	*670*	150	49	30	---	15	---	---	340	320	180	320	160	150	150
Cadmium	ug/L	6020A/B	*0.5*	**5**	---	<0.17	<0.17	---	<0.17	<0.17	0.32 J	<0.17	<0.17	0.19 J	---	0.28 J	---	---	<0.17	<0.17	<0.17	*0.61*	<0.17	<0.17	<0.17
Chromium	ug/L	6020A/B	*10*	**100**	---	2.6 J	<1.1	---	<1.1	<1.1	*72*	<1.1	<1.1	<1.1	---	<1.1	---	---	<1.1	1.6 J	<1.1	*15*	<1.1	2.5 J	<1.1
Lead	ug/L	6020A/B	*1.5*	**15**	---	1.3	<0.19	---	1.4 B	<0.19	**21**	0.34 J B	0.21 J	<0.19	---	1.1 B	---	---	<0.19	0.55	<0.19	*10*	<0.19	*6.9*	<0.19
Selenium	ug/L	6020A/B	*10*	**50**	---	*26*	*23*	---	*12*	*20*	*12*	2.5	<0.98	<0.98	---	<0.98	---	---	<0.98	<0.98	<0.98	2.2 J	<0.98	<0.98	<0.98
Silver	ug/L	6020A/B	*10*	**50**	---	<0.12	<0.12	---	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	---	<0.12	---	---	<0.12	<0.12	<0.12	0.19 J	<0.12	<0.12	<0.12
Mercury	ug/L	7470A	*0.2*	**2**	---	<0.098	<0.098	---	<0.079	<0.076	<0.076	<0.098	<0.098	<0.098	---	<0.079	---	---	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- Not Sampled
ug/L= Results expresssed in micrograms per liter (ug/L)
J = Result is less than the reporting limit (RL) but greater than or equal to the method detec
B = Compound was found in the blank and sample
1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

TABLE 5
GROUNDWATER QUALITY TEST RESULTS-PCBs
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-18/MW-2[1]						EB-MW-3	EB-B-20/MW-4	EB-B-20A/MW-4R			MW-4RR				
Date					6/30/2021	3/30/2022	8/4/2022	11/14/2023	7/3/2024	10/30/2024	11/29/2021	7/29/2021	12/14/2021	3/10/2022	3/30/2022	8/4-5/2022	11/14/2023	7/5/2024	10/30/2024	10/31/2024
Polychlorinated Biphenyls (PCBs)																				
PCB-1016	ug/L	8082A	*0.03*	**0.003**	---	<0.064	<0.13	<0.18	<0.062	<0.15	---	---	---	---	<0.065	<0.065	<3.5	---	<1.8	<2.0
PCB-1221	ug/L	8082A	*0.03*	**0.003**	---	<0.19	<0.38	<0.18	<0.18	<0.46	---	---	---	---	<0.19	<0.19	<3.5	---	<5.3	<5.9
PCB-1232	ug/L	8082A	*0.03*	**0.003**	---	<0.19	<0.38	<0.18	<0.18	<0.46	---	---	---	---	<0.19	<0.19	<3.5	---	<5.3	<5.9
PCB-1242	ug/L	8082A	*0.03*	**0.003**	---	<0.19	<0.38	<0.18	<0.18	<0.46	---	---	---	---	<0.19	<0.19	<3.5	---	<5.3	<5.9
PCB-1248	ug/L	8082A	*0.03*	**0.003**	---	<0.19	**4.3**	**0.31 J**	**2.3**	**0.50 J**	---	---	---	---	<0.19	<0.19	<3.5	---	<5.3	<5.9
PCB-1254	ug/L	8082A	*0.03*	**0.003**	---	**1.6**	<0.38	<0.25	<0.18	<0.46	---	---	---	---	<0.19	<0.19	<5.0	---	<5.3	<5.9
PCB-1260	ug/L	8082A	*0.03*	**0.003**	---	<0.067	<0.13	<0.25	<0.064	<0.16	---	---	---	---	<0.068	<0.068	**56**	---	**78**	**59**

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- No Established Standard/Not Sampled
ug/L= Results expresssed in micrograms per liter (ug/L)
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value
1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

TABLE 5
GROUNDWATER QUALITY TEST RESULTS-PCBs
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-21/MW-5							EB-B-27/MW-6							EB-MW-8		EB-MW-9		EB-MW-10		DUP-1
Date					6/30/2021	11/12/22021	3/10/2022	8/5/2022	11/14/2023	7/3/2024	10/31/2024	8/25/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024	10/30/2024	7/3/2024
Polychlorinated Biphenyls (PCBs)																									
PCB-1016	ug/L	8082A	*0.03*	**0.003**	---	---	<0.065	<0.062	<0.18	<0.070	<0.20	---	---	<0.063	<0.062	<0.18	---	---	<0.063	<0.16	<0.065	<0.17	<0.064	<0.16	<0.062
PCB-1221	ug/L	8082A	*0.03*	**0.003**	---	---	<0.19	<0.19	<0.18	<0.21	<0.61	---	---	<0.19	<0.19	<0.18	---	---	<0.19	<0.48	<0.20	<0.50	<0.19	<0.48	<0.19
PCB-1232	ug/L	8082A	*0.03*	**0.003**	---	---	<0.19	<0.19	<0.18	<0.21	<0.61	---	---	<0.19	<0.19	<0.18	---	---	<0.19	<0.48	<0.20	<0.50	<0.19	<0.48	<0.19
PCB-1242	ug/L	8082A	*0.03*	**0.003**	---	---	<0.19	<0.19	<0.18	<0.21	<0.61	---	---	<0.19	<0.19	<0.18	---	---	<0.19	<0.48	<0.20	<0.50	<0.19	<0.48	<0.19
PCB-1248	ug/L	8082A	*0.03*	**0.003**	---	---	<0.19	<0.19	<0.18	<0.21	<0.61	---	---	<0.19	<0.19	<0.18	---	---	<0.19	<0.48	<0.20	<0.50	<0.19	<0.48	<0.19
PCB-1254	ug/L	8082A	*0.03*	**0.003**	---	---	<0.19	<0.19	<0.26	<0.21	<0.61	---	---	<0.19	<0.19	<0.25	---	---	<0.19	<0.48	<0.20	<0.50	<0.19	<0.48	<0.19
PCB-1260	ug/L	8082A	*0.03*	**0.003**	---	---	<0.068	<0.065	<0.26	<0.073	<0.21	---	---	<0.066	<0.065	<0.25	---	---	<0.066	<0.17	<0.068	<0.18	<0.067	<0.17	<0.065

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- No Established Standard/Not Sampled
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1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

TABLE 6
GROUNDWATER QUALITY TEST RESULTS- 1,4-DIOXANE
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	EB-B-18/MW-2[1]							EB-MW-3	EB-B-20/MW-4	EB-B-20A/MW-4R		
Date					6/30/2021	3/30/2022	8/4/2022	11/14/2022	11/14/2023	7/3/2024	10/30/2024	11/29/2021	7/29/2021	12/14/2021	3/10/2022	3/30/2022
Dioxanes																
1,4-Dioxane	ug/L	8270D SIM ID	*0.3*	**3**	---	**10**	**31 E**	---	---	**44**	**18**	---	---	---	---	---

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- Not Sampled
ug/L= Results expresssed in micrograms per liter (ug/L)
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value
1 - Incorrectly labeled in the 6/30/2021 analytical lab report as EB-B-17/MW-2

TABLE 6
GROUNDWATER QUALITY TEST RESULTS- 1,4-DIOXANE
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441

Sample	Units	EPA Method	*NR 140 PAL*	**NR 140 ES**	MW-4RR				EB-B-21/MW-5						EB-B-27/MW-6							EB-MW-8	EB-MW-9	EB-MW-10
Date					8/4-5/2022	11/14/2023	7/5/2024	10/31/2024	6/30/2021	11/12/22021	3/10/2022	8/5/2022	11/14/2023	7/3/2024	8/25/2021	11/12/2021	3/10/2022	8/5/2022	11/14/2023	7/5/2024	10/31/2024	7/3/2024	7/3/2024	7/3/2024
Dioxanes																								
1,4-Dioxane	ug/L	8270D SIM ID	*0.3*	**3**	<0.10	---	---	<0.10	---	---	---	---	---	---	---	---	<0.063	---	---	<0.10	<0.18	---	---	---

Notes:
Italics = Exceeds Wisconsin Administrative Code (WAC) NR 140 Preventive Action Limits (PAL), July 2023
Bold = Exceeds WAC NR 140 Enforcement Standard (ES), July 2023
--- Not Sampled
ug/L= Results expresssed in micrograms per liter (ug/L)
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ATTACHMENT

ATTACHMENT A

Groundwater Laboratory Analytical Report

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Reineke
K. Singh & Associates, Inc
3636 N. 124th Street
Wauwatosa, Wisconsin 53222

Generated 11/20/2024 4:33:52 PM

JOB DESCRIPTION

Community Within the Corridor - East Block 40441

JOB NUMBER

500-259416-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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

Compliance Statement

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

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

Authorization

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Authorized for release by
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Job ID: 500-259416-1 Eurofins Chicago

Job Narrative
500-259416-1

Receipt
The samples were received on 11/1/2024 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were -0.5º C and 0.3º C.

GC/MS VOA
Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: EB-MW-6 (500-259416-4) and EB-MW-9 (500-259416-6).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-794711 was outside the method criteria for the following analyte(s): 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in 500-794111 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: Perylene-d12 Internal standard (ISTD) response for the following samples was outside of acceptance limits: EB-MW-9 (500-259416-6). Analytes associated to this internal standard were non-detect; therefore, re-analysis was not performed.

Method 8270E: Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 1 analytes to recover outside limits when using this list of analytes. The laboratory control sample (LCS) for preparation batch 500-794049 and analytical batch 500-794113 recovered outside limits for the following analyte: Pyrene. These results have been reported and qualified.

Method 8270E: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: EB-MW-10 (500-259416-7). These results have been reported and qualified.

Method 8270E: The following sample required a dilution due to the nature of the sample matrix: EB-MW-4RR (500-259416-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: EB-MW-4RR (500-259416-2). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA
Method 8082A: DCB Decachlorobiphenyl surrogate recovery for the following sample was outside control limits: EB-MW-9 (500-259416-6). Tetrachloro-m-xylene surrogate was within the control limits; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The %RPD between the primary and confirmation column exceeded 40% for PCB-1260 for the following samples: EB-MW-4RR (500-259416-2) and EB-MW-4RR (500-259416-10). The Internal standard outside of control limits on column-0; therefore; the higher value on column-1 has been reported and qualified.

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

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

Organic Prep

Job ID: 500-259416-1 (Continued) Eurofins Chicago

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-731193.

Method 3510C: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: EB-MW-6 (500-259416-12).

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

KSingh | Engineers Scientists Consultants

500-259416

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-259416 COC

Sample Collector(s)	Title	Telephone # (incl. area code)	Report To
kmb Calum Ovens Alex Huebner, ~~Calum Ovens~~ Katie Balachandran	Staff Engineer's	(262) 821-1171	Lab Results, Tim Welch, Alex Huebner
Property Owner	**Property Address**	**Telephone # (incl area code)**	**KSingh Project #**
Community Within the Corridor - East Block #40441	2748 N 32nd Street, Milwaukee, WI		**40441**

I hereby certify that I received, properly, and disposed of the samples as noted below

Relinquished By (Signature)	Date/Time	Received By (Signature)	Laboratory Name **Eurofins**
	10/30/24, 7:30pm		Temperature Blank. 0.9-0.3, ~~0.1-0.7~~ 0.1-0.5 11/1/24
Relinquished By (Signature)	Date/Time	Received By (Signature)	If samples were received on ice and there was ice remaining, you may report the temperature as "received on ice" If all of the ice was melted, the temperature of the melt may be substituted for the temperature blank.
	10-31-24 16:30	Stephanie Hernandez EBA 11/1/24 1005	

1 Specify groundwater (GW), soil (S), air (A), sludge (SL), surface water (SW), etc.
2 Sample description must clearly correlate the sample I D to the sampling location

	Date Collected	Time Collected	Samples Type (1)	Samples Device	Location/Description (2)	VOCs	PAHs	RCRA Metals	PCBs	1-4-Dioxane	Sample Condition # / Type of Container MeOH	HCL	H2SO4	Unpres	Other Comment
1	10/30/24	10:35	GW	Bailer	EB-MW-2	x	x	x	x	x		3		7	LAB FILTER
2	10/30/24	15:00	GW	Bailer	EB-MW-4RR	x	x	x	x	x		3		5	
3	10/30/24	16:00	GW	Bailer	EB-MW-5	x	x	x	x			3		2	
4	10/30/24	14:26	GW	Bailer	EB-MW-6	x	x	NO	x	NO	kmb	3		1	
5	10/30/24	13:30	GW	Bailer	EB-MW-8	x	x	x	x			3		5	
6	10/30/24	13:20	GW	Bailer	EB-MW-9	x	x	x	x			3		5	
7	10/30/24	11:50	GW	Bailer	EB-MW-10	x	x	x	x			3		5	
8	10/30/24	—	GW	Bailer	Duplicate-1	x						3			
9	10/30/24	—	—	—	Trip Blank	x						1			
10	10/31/24	9 30	Sw	Bailer	EB MW 4RR				X	X				2	
11	10/31/24	9:17	sw	Bailer	EB MW-5				X					2	
12	10/31/24	9 ??	GW	Bailer	EB MW-6					X				1	

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES

Disposition of unused portion of sample
Laboratory should (check)
[ ] Dispose [ ] Return [ ] Retain for _____ (days) [ ] Other

DEPARTMENT USE ONLY

Split Samples Offered [ ] Y [ ] N Accepted By
Accepted [ ] Y [ ] N
Signature

500-259416 Waybi

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fredrick, Sandie	Carrier Tracking No(s): N/A	COC No: 500-194609.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): State Program - Wisconsin		Job #: 500-259416-1
Address: 10 Hazelwood Drive, ,	Due Date Requested: 11/14/2024			
City: Amherst	TAT Requested (days): N/A			
State, Zip: NY, 14228-2298				
Phone: 716-691-2600(Tel) 716-691-7991(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Community Within the Corridor (CWC)	Project #: 50022445			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D_SIM_MS_ID/3510C_LVI 1,4-Dioxane (GC/MS SIM / Isotope Dilutio	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
EB-MW-2 (500-259416-1)	10/30/24	10:35 Central	G	Water			X	2	
EB-MW-4RR (500-259416-2)	10/30/24	15:00 Central	G	Water			X	1	
EB-MW-4RR (500-259416-10)	10/31/24	09:30 Central	G	Water			X	1	
EB-MW-6 (500-259416-12)	10/31/24	09:07 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/1/24 1600		[signature]	11-2-24 1030	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.6 IR#SC Ice

Ver: 10/10/2024

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-2
Lab Sample ID: 500-259416-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	30		0.50	0.18	ug/L	1		8260D	Total/NA
Chloroethane	66		5.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.1		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	30		1.0	0.36	ug/L	1		8260D	Total/NA
Ethylbenzene	77		0.50	0.20	ug/L	1		8260D	Total/NA
Isopropylbenzene	24		1.0	0.29	ug/L	1		8260D	Total/NA
Naphthalene	24		1.0	0.44	ug/L	1		8260D	Total/NA
n-Butylbenzene	12		1.0	0.33	ug/L	1		8260D	Total/NA
N-Propylbenzene	34		1.0	0.32	ug/L	1		8260D	Total/NA
p-Isopropyltoluene	7.0		1.0	0.29	ug/L	1		8260D	Total/NA
sec-Butylbenzene	11		1.0	0.27	ug/L	1		8260D	Total/NA
tert-Butylbenzene	2.5		1.0	0.26	ug/L	1		8260D	Total/NA
Toluene	4.6		0.50	0.21	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	3.0		1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	0.63		0.50	0.15	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene	180		1.0	0.30	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	38		1.0	0.29	ug/L	1		8260D	Total/NA
Vinyl chloride	7.8		1.0	0.47	ug/L	1		8260D	Total/NA
Xylenes, Total	85		1.0	0.30	ug/L	1		8260D	Total/NA
1,4-Dioxane	18		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Acenaphthene	0.27	J	0.80	0.25	ug/L	1		8270E	Total/NA
Fluorene	0.23	J	0.80	0.19	ug/L	1		8270E	Total/NA
1-Methylnaphthalene	1.5	J	1.6	0.24	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.59	J	1.6	0.052	ug/L	1		8270E	Total/NA
Naphthalene	11		0.80	0.25	ug/L	1		8270E	Total/NA
Pyrene	0.39	J	0.80	0.34	ug/L	1		8270E	Total/NA
PCB-1248	0.50	J	0.92	0.46	ug/L	1		8082A	Total/NA
Arsenic	4.3		1.0	0.23	ug/L	1		6020B	Dissolved
Barium	220		2.5	0.73	ug/L	1		6020B	Dissolved
Chromium	2.7	J	5.0	1.1	ug/L	1		6020B	Dissolved
Lead	7.4		0.50	0.19	ug/L	1		6020B	Dissolved
Selenium	2.3	J	2.5	0.98	ug/L	1		6020B	Dissolved

Client Sample ID: EB-MW-4RR
Lab Sample ID: 500-259416-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	78		11	1.9	ug/L	10		8082A	Total/NA
Arsenic	4.5		1.0	0.23	ug/L	1		6020B	Dissolved
Barium	150		2.5	0.73	ug/L	1		6020B	Dissolved
Cadmium	0.78		0.50	0.17	ug/L	1		6020B	Dissolved
Chromium	5.1		5.0	1.1	ug/L	1		6020B	Dissolved
Lead	12		0.50	0.19	ug/L	1		6020B	Dissolved
Selenium	1.2	J	2.5	0.98	ug/L	1		6020B	Dissolved

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		1.0	0.23	ug/L	1		6020B	Dissolved
Barium	670		2.5	0.73	ug/L	1		6020B	Dissolved
Cadmium	0.32	J	0.50	0.17	ug/L	1		6020B	Dissolved
Chromium	72		5.0	1.1	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: EB-MW-5 (Continued) — Lab Sample ID: 500-259416-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21		0.50	0.19	ug/L	1		6020B	Dissolved
Selenium	12		2.5	0.98	ug/L	1		6020B	Dissolved

Client Sample ID: EB-MW-6 — Lab Sample ID: 500-259416-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.092	J	1.6	0.054	ug/L	1		8270E	Total/NA

Client Sample ID: EB-MW-8 — Lab Sample ID: 500-259416-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.8		1.0	0.42	ug/L	1		8260D	Total/NA
Vinyl chloride	0.87	J	1.0	0.47	ug/L	1		8260D	Total/NA
Arsenic	47		1.0	0.23	ug/L	1		6020B	Dissolved
Barium	320		2.5	0.73	ug/L	1		6020B	Dissolved
Chromium	1.6	J	5.0	1.1	ug/L	1		6020B	Dissolved
Lead	0.55		0.50	0.19	ug/L	1		6020B	Dissolved

Client Sample ID: EB-MW-9 — Lab Sample ID: 500-259416-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.26	J	0.50	0.21	ug/L	1		8260D	Total/NA
2-Methylnaphthalene	0.078	J	1.9	0.061	ug/L	1		8270E	Total/NA
Arsenic	3.9		1.0	0.23	ug/L	1		6020B	Dissolved
Barium	320		2.5	0.73	ug/L	1		6020B	Dissolved
Cadmium	0.61		0.50	0.17	ug/L	1		6020B	Dissolved
Chromium	15		5.0	1.1	ug/L	1		6020B	Dissolved
Lead	10		0.50	0.19	ug/L	1		6020B	Dissolved
Selenium	2.2	J	2.5	0.98	ug/L	1		6020B	Dissolved
Silver	0.19	J	0.50	0.12	ug/L	1		6020B	Dissolved

Client Sample ID: EB-MW-10 — Lab Sample ID: 500-259416-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2		0.50	0.18	ug/L	1		8260D	Total/NA
Chloroethane	1.0	J	5.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	50		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	27		1.0	0.36	ug/L	1		8260D	Total/NA
Ethylbenzene	79		0.50	0.20	ug/L	1		8260D	Total/NA
Isopropylbenzene	24		1.0	0.29	ug/L	1		8260D	Total/NA
Naphthalene	19		1.0	0.44	ug/L	1		8260D	Total/NA
n-Butylbenzene	69		1.0	0.33	ug/L	1		8260D	Total/NA
N-Propylbenzene	41		1.0	0.32	ug/L	1		8260D	Total/NA
p-Isopropyltoluene	30		1.0	0.29	ug/L	1		8260D	Total/NA
sec-Butylbenzene	31		1.0	0.27	ug/L	1		8260D	Total/NA
tert-Butylbenzene	4.0		1.0	0.26	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.56	J	1.0	0.39	ug/L	1		8260D	Total/NA
Toluene	1.1		0.50	0.21	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.9		1.0	0.44	ug/L	1		8260D	Total/NA
1,1,1-Trichloroethane	0.80	J	1.0	0.45	ug/L	1		8260D	Total/NA
Trichloroethene	6.8		0.50	0.15	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	97		1.0	0.29	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EB-MW-10 (Continued)
Lab Sample ID: 500-259416-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	16		1.0	0.47	ug/L	1		8260D	Total/NA
Xylenes, Total	120		1.0	0.30	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene - DL	240		10	3.0	ug/L	10		8260D	Total/NA
Acenaphthene	0.28	J	0.77	0.24	ug/L	1		8270E	Total/NA
Benzo[a]anthracene	0.25		0.15	0.043	ug/L	1		8270E	Total/NA
Benzo[a]pyrene	0.17		0.15	0.076	ug/L	1		8270E	Total/NA
Benzo[b]fluoranthene	0.18		0.15	0.062	ug/L	1		8270E	Total/NA
Benzo[k]fluoranthene	0.072	J	0.15	0.049	ug/L	1		8270E	Total/NA
Chrysene	0.23		0.15	0.052	ug/L	1		8270E	Total/NA
Fluoranthene	0.54	J	0.77	0.35	ug/L	1		8270E	Total/NA
Fluorene	0.50	J	0.77	0.19	ug/L	1		8270E	Total/NA
1-Methylnaphthalene	2.2		1.5	0.23	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	1.1	J	1.5	0.050	ug/L	1		8270E	Total/NA
Naphthalene	9.6		0.77	0.24	ug/L	1		8270E	Total/NA
Phenanthrene	0.67	J	0.77	0.23	ug/L	1		8270E	Total/NA
Pyrene	0.63	J *-	0.77	0.33	ug/L	1		8270E	Total/NA
Arsenic	6.7		1.0	0.23	ug/L	1		6020B	Dissolved
Barium	150		2.5	0.73	ug/L	1		6020B	Dissolved
Chromium	2.5	J	5.0	1.1	ug/L	1		6020B	Dissolved
Lead	6.9		0.50	0.19	ug/L	1		6020B	Dissolved

Client Sample ID: Duplicate-1
Lab Sample ID: 500-259416-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1		0.50	0.18	ug/L	1		8260D	Total/NA
Chloroethane	1.1	J	5.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	50		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	27		1.0	0.36	ug/L	1		8260D	Total/NA
Ethylbenzene	78		0.50	0.20	ug/L	1		8260D	Total/NA
Isopropylbenzene	25		1.0	0.29	ug/L	1		8260D	Total/NA
Naphthalene	20		1.0	0.44	ug/L	1		8260D	Total/NA
n-Butylbenzene	81		1.0	0.33	ug/L	1		8260D	Total/NA
N-Propylbenzene	43		1.0	0.32	ug/L	1		8260D	Total/NA
p-Isopropyltoluene	35		1.0	0.29	ug/L	1		8260D	Total/NA
sec-Butylbenzene	35		1.0	0.27	ug/L	1		8260D	Total/NA
tert-Butylbenzene	4.3		1.0	0.26	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.58	J	1.0	0.39	ug/L	1		8260D	Total/NA
Toluene	1.1		0.50	0.21	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.8		1.0	0.44	ug/L	1		8260D	Total/NA
1,1,1-Trichloroethane	0.84	J	1.0	0.45	ug/L	1		8260D	Total/NA
Trichloroethene	6.6		0.50	0.15	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	100		1.0	0.29	ug/L	1		8260D	Total/NA
Vinyl chloride	16		1.0	0.47	ug/L	1		8260D	Total/NA
Xylenes, Total	120		1.0	0.30	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene - DL	270		10	3.0	ug/L	10		8260D	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 500-259416-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.67	J	1.0	0.30	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-4RR
Lab Sample ID: 500-259416-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.11	J	0.22	0.11	ug/L	1		8270D SIM ID	Total/NA
PCB-1260	59		12	2.1	ug/L	10		8082A	Total/NA

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-11

No Detections.

Client Sample ID: EB-MW-6
Lab Sample ID: 500-259416-12

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET BUF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
FILTRATION	Sample Filtration	None	EET CHI

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-259416-1	EB-MW-2	Water	10/30/24 10:35	11/01/24 10:05
500-259416-2	EB-MW-4RR	Water	10/30/24 15:00	11/01/24 10:05
500-259416-3	EB-MW-5	Water	10/30/24 16:00	11/01/24 10:05
500-259416-4	EB-MW-6	Water	10/30/24 14:26	11/01/24 10:05
500-259416-5	EB-MW-8	Water	10/30/24 13:30	11/01/24 10:05
500-259416-6	EB-MW-9	Water	10/30/24 13:20	11/01/24 10:05
500-259416-7	EB-MW-10	Water	10/30/24 11:50	11/01/24 10:05
500-259416-8	Duplicate-1	Water	10/30/24 00:00	11/01/24 10:05
500-259416-9	Trip Blank	Water	10/30/24 00:00	11/01/24 10:05
500-259416-10	EB-MW-4RR	Water	10/31/24 09:30	11/01/24 10:05
500-259416-11	EB-MW-5	Water	10/31/24 09:17	11/01/24 10:05
500-259416-12	EB-MW-6	Water	10/31/24 09:07	11/01/24 10:05

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-2
Date Collected: 10/30/24 10:35
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**30**		0.50	0.18	ug/L			11/11/24 19:21	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/11/24 19:21	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/11/24 19:21	1
Bromoform	<0.96		1.0	0.96	ug/L			11/11/24 19:21	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/11/24 19:21	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/11/24 19:21	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 19:21	1
Chloroethane	**66**		5.0	0.47	ug/L			11/11/24 19:21	1
Chloroform	<0.92		2.0	0.92	ug/L			11/11/24 19:21	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/11/24 19:21	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/11/24 19:21	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/11/24 19:21	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.42	ug/L			11/11/24 19:21	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/11/24 19:21	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/11/24 19:21	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/11/24 19:21	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/11/24 19:21	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/11/24 19:21	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/11/24 19:21	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 19:21	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/11/24 19:21	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/11/24 19:21	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/11/24 19:21	1
1,1-Dichloroethane	**30**		1.0	0.36	ug/L			11/11/24 19:21	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/11/24 19:21	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/11/24 19:21	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/11/24 19:21	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/11/24 19:21	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/11/24 19:21	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/11/24 19:21	1
Ethylbenzene	**77**		0.50	0.20	ug/L			11/11/24 19:21	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/11/24 19:21	1
Isopropylbenzene	**24**		1.0	0.29	ug/L			11/11/24 19:21	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/11/24 19:21	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/11/24 19:21	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/11/24 19:21	1
Naphthalene	**24**		1.0	0.44	ug/L			11/11/24 19:21	1
n-Butylbenzene	**12**		1.0	0.33	ug/L			11/11/24 19:21	1
N-Propylbenzene	**34**		1.0	0.32	ug/L			11/11/24 19:21	1
p-Isopropyltoluene	**7.0**		1.0	0.29	ug/L			11/11/24 19:21	1
sec-Butylbenzene	**11**		1.0	0.27	ug/L			11/11/24 19:21	1
Styrene	<0.31		1.0	0.31	ug/L			11/11/24 19:21	1
tert-Butylbenzene	**2.5**		1.0	0.26	ug/L			11/11/24 19:21	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/11/24 19:21	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/11/24 19:21	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/11/24 19:21	1
Toluene	**4.6**		0.50	0.21	ug/L			11/11/24 19:21	1
trans-1,2-Dichloroethene	**3.0**		1.0	0.44	ug/L			11/11/24 19:21	1

Client Sample ID: EB-MW-2
Lab Sample ID: 500-259416-1

Date Collected: 10/30/24 10:35
Matrix: Water

Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/11/24 19:21	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/11/24 19:21	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/11/24 19:21	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/11/24 19:21	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/11/24 19:21	1
Trichloroethene	**0.63**		0.50	0.15	ug/L			11/11/24 19:21	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/11/24 19:21	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/11/24 19:21	1
1,2,4-Trimethylbenzene	**180**		1.0	0.30	ug/L			11/11/24 19:21	1
1,3,5-Trimethylbenzene	**38**		1.0	0.29	ug/L			11/11/24 19:21	1
Vinyl chloride	**7.8**		1.0	0.47	ug/L			11/11/24 19:21	1
Xylenes, Total	**85**		1.0	0.30	ug/L			11/11/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*11/11/24 19:21*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*11/11/24 19:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*11/11/24 19:21*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/11/24 19:21*	*1*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**18**		0.20	0.10	ug/L		11/05/24 09:09	11/06/24 15:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*15 - 110*	*11/05/24 09:09*	*11/06/24 15:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.27**	**J**	0.80	0.25	ug/L		11/05/24 10:59	11/06/24 17:36	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		11/05/24 10:59	11/06/24 17:36	1
Anthracene	<0.27		0.80	0.27	ug/L		11/05/24 10:59	11/06/24 17:36	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		11/05/24 10:59	11/06/24 17:36	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		11/05/24 10:59	11/06/24 17:36	1
Benzo[b]fluoranthene	<0.064		0.16	0.064	ug/L		11/05/24 10:59	11/06/24 17:36	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		11/05/24 10:59	11/06/24 17:36	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		11/05/24 10:59	11/06/24 17:36	1
Chrysene	<0.054		0.16	0.054	ug/L		11/05/24 10:59	11/06/24 17:36	1
Dibenz(a,h)anthracene	<0.040		0.24	0.040	ug/L		11/05/24 10:59	11/06/24 17:36	1
Fluoranthene	<0.36		0.80	0.36	ug/L		11/05/24 10:59	11/06/24 17:36	1
Fluorene	**0.23**	**J**	0.80	0.19	ug/L		11/05/24 10:59	11/06/24 17:36	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		11/05/24 10:59	11/06/24 17:36	1
1-Methylnaphthalene	**1.5**	**J**	1.6	0.24	ug/L		11/05/24 10:59	11/06/24 17:36	1
2-Methylnaphthalene	**0.59**	**J**	1.6	0.052	ug/L		11/05/24 10:59	11/06/24 17:36	1
Naphthalene	**11**		0.80	0.25	ug/L		11/05/24 10:59	11/06/24 17:36	1
Phenanthrene	<0.24		0.80	0.24	ug/L		11/05/24 10:59	11/06/24 17:36	1
Pyrene	**0.39**	**J**	0.80	0.34	ug/L		11/05/24 10:59	11/06/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*34 - 110*	*11/05/24 10:59*	*11/06/24 17:36*	*1*
Nitrobenzene-d5 (Surr)	*69*		*36 - 120*	*11/05/24 10:59*	*11/06/24 17:36*	*1*

Client Sample ID: EB-MW-2
Lab Sample ID: 500-259416-1
Date Collected: 10/30/24 10:35
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*40 - 145*	*11/05/24 10:59*	*11/06/24 17:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.15		0.92	0.15	ug/L		11/06/24 13:47	11/07/24 17:04	1
PCB-1221	<0.46		0.92	0.46	ug/L		11/06/24 13:47	11/07/24 17:04	1
PCB-1232	<0.46		0.92	0.46	ug/L		11/06/24 13:47	11/07/24 17:04	1
PCB-1242	<0.46		0.92	0.46	ug/L		11/06/24 13:47	11/07/24 17:04	1
PCB-1248	**0.50**	**J**	0.92	0.46	ug/L		11/06/24 13:47	11/07/24 17:04	1
PCB-1254	<0.46		0.92	0.46	ug/L		11/06/24 13:47	11/07/24 17:04	1
PCB-1260	<0.16		0.92	0.16	ug/L		11/06/24 13:47	11/07/24 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*30 - 120*	*11/06/24 13:47*	*11/07/24 17:04*	*1*
DCB Decachlorobiphenyl	*35*		*30 - 140*	*11/06/24 13:47*	*11/07/24 17:04*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.3**		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:16	1
Barium	**220**		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:16	1
Cadmium	<0.17		0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:16	1
Chromium	**2.7**	**J**	5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:16	1
Lead	**7.4**		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:16	1
Selenium	**2.3**	**J**	2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:16	1
Silver	<0.12		0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:16	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:13	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-4RR
Date Collected: 10/30/24 15:00
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/10/24 13:42	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 13:42	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 13:42	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 13:42	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 13:42	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 13:42	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 13:42	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/10/24 13:42	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 13:42	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 13:42	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 13:42	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 13:42	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/10/24 13:42	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 13:42	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 13:42	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 13:42	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 13:42	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 13:42	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 13:42	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 13:42	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 13:42	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 13:42	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 13:42	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/10/24 13:42	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 13:42	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 13:42	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 13:42	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 13:42	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 13:42	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 13:42	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/10/24 13:42	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 13:42	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 13:42	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 13:42	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 13:42	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 13:42	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/10/24 13:42	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/10/24 13:42	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/10/24 13:42	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/10/24 13:42	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/10/24 13:42	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 13:42	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/10/24 13:42	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 13:42	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 13:42	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/10/24 13:42	1
Toluene	<0.21		0.50	0.21	ug/L			11/10/24 13:42	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/10/24 13:42	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-4RR
Date Collected: 10/30/24 15:00
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 13:42	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 13:42	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 13:42	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/10/24 13:42	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 13:42	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/10/24 13:42	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 13:42	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 13:42	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/10/24 13:42	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 13:42	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/10/24 13:42	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/10/24 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*11/10/24 13:42*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/10/24 13:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*11/10/24 13:42*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*11/10/24 13:42*	*1*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.10		0.20	0.10	ug/L		11/05/24 09:09	11/06/24 15:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*51*		*15 - 110*	*11/05/24 09:09*	*11/06/24 15:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<5.5		18	5.5	ug/L		11/05/24 10:59	11/07/24 14:50	20
Acenaphthylene	<4.8		18	4.8	ug/L		11/05/24 10:59	11/07/24 14:50	20
Anthracene	<5.9		18	5.9	ug/L		11/05/24 10:59	11/07/24 14:50	20
Benzo[a]anthracene	<1.0		3.6	1.0	ug/L		11/05/24 10:59	11/07/24 14:50	20
Benzo[a]pyrene	<1.8		3.6	1.8	ug/L		11/05/24 10:59	11/07/24 14:50	20
Benzo[b]fluoranthene	<1.4		3.6	1.4	ug/L		11/05/24 10:59	11/07/24 14:50	20
Benzo[g,h,i]perylene	<6.7		18	6.7	ug/L		11/05/24 10:59	11/07/24 14:50	20
Benzo[k]fluoranthene	<1.1		3.6	1.1	ug/L		11/05/24 10:59	11/07/24 14:50	20
Chrysene	<1.2		3.6	1.2	ug/L		11/05/24 10:59	11/07/24 14:50	20
Dibenz(a,h)anthracene	<0.90		5.3	0.90	ug/L		11/05/24 10:59	11/07/24 14:50	20
Fluoranthene	<8.1		18	8.1	ug/L		11/05/24 10:59	11/07/24 14:50	20
Fluorene	<4.3		18	4.3	ug/L		11/05/24 10:59	11/07/24 14:50	20
Indeno[1,2,3-cd]pyrene	<1.3		3.6	1.3	ug/L		11/05/24 10:59	11/07/24 14:50	20
1-Methylnaphthalene	<5.4		36	5.4	ug/L		11/05/24 10:59	11/07/24 14:50	20
2-Methylnaphthalene	<1.2		36	1.2	ug/L		11/05/24 10:59	11/07/24 14:50	20
Naphthalene	<5.5		18	5.5	ug/L		11/05/24 10:59	11/07/24 14:50	20
Phenanthrene	<5.4		18	5.4	ug/L		11/05/24 10:59	11/07/24 14:50	20
Pyrene	<7.6		18	7.6	ug/L		11/05/24 10:59	11/07/24 14:50	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*0*	*S1-*	*34 - 110*	*11/05/24 10:59*	*11/07/24 14:50*	*20*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*36 - 120*	*11/05/24 10:59*	*11/07/24 14:50*	*20*

Client Sample ID: EB-MW-4RR
Date Collected: 10/30/24 15:00
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*0*	*S1-*	*40 - 145*	*11/05/24 10:59*	*11/07/24 14:50*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.8		11	1.8	ug/L		11/06/24 13:47	11/08/24 12:03	10
PCB-1221	<5.3		11	5.3	ug/L		11/06/24 13:47	11/08/24 12:03	10
PCB-1232	<5.3		11	5.3	ug/L		11/06/24 13:47	11/08/24 12:03	10
PCB-1242	<5.3		11	5.3	ug/L		11/06/24 13:47	11/08/24 12:03	10
PCB-1248	<5.3		11	5.3	ug/L		11/06/24 13:47	11/08/24 12:03	10
PCB-1254	<5.3		11	5.3	ug/L		11/06/24 13:47	11/08/24 12:03	10
PCB-1260	**78**		11	1.9	ug/L		11/06/24 13:47	11/08/24 12:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*30 - 120*	*11/06/24 13:47*	*11/08/24 12:03*	*10*
DCB Decachlorobiphenyl	*75*		*30 - 140*	*11/06/24 13:47*	*11/08/24 12:03*	*10*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.5**		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:19	1
Barium	**150**		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:19	1
Cadmium	**0.78**		0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:19	1
Chromium	**5.1**		5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:19	1
Lead	**12**		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:19	1
Selenium	**1.2**	**J**	2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:19	1
Silver	<0.12		0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:19	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:15	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-5
Date Collected: 10/30/24 16:00
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/10/24 14:05	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 14:05	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 14:05	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 14:05	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 14:05	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 14:05	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 14:05	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/10/24 14:05	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 14:05	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 14:05	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 14:05	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 14:05	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/10/24 14:05	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 14:05	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 14:05	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 14:05	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 14:05	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 14:05	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 14:05	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 14:05	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 14:05	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 14:05	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 14:05	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/10/24 14:05	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 14:05	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 14:05	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 14:05	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 14:05	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 14:05	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 14:05	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/10/24 14:05	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 14:05	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 14:05	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 14:05	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 14:05	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 14:05	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/10/24 14:05	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/10/24 14:05	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/10/24 14:05	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/10/24 14:05	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/10/24 14:05	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 14:05	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/10/24 14:05	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 14:05	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 14:05	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/10/24 14:05	1
Toluene	<0.21		0.50	0.21	ug/L			11/10/24 14:05	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/10/24 14:05	1

Client Sample ID: EB-MW-5
Date Collected: 10/30/24 16:00
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 14:05	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 14:05	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 14:05	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/10/24 14:05	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 14:05	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/10/24 14:05	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 14:05	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 14:05	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/10/24 14:05	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 14:05	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/10/24 14:05	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/10/24 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*11/10/24 14:05*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/10/24 14:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*11/10/24 14:05*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/10/24 14:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.26		0.83	0.26	ug/L		11/05/24 10:59	11/06/24 18:19	1
Acenaphthylene	<0.22		0.83	0.22	ug/L		11/05/24 10:59	11/06/24 18:19	1
Anthracene	<0.28		0.83	0.28	ug/L		11/05/24 10:59	11/06/24 18:19	1
Benzo[a]anthracene	<0.047		0.17	0.047	ug/L		11/05/24 10:59	11/06/24 18:19	1
Benzo[a]pyrene	<0.082		0.17	0.082	ug/L		11/05/24 10:59	11/06/24 18:19	1
Benzo[b]fluoranthene	<0.067		0.17	0.067	ug/L		11/05/24 10:59	11/06/24 18:19	1
Benzo[g,h,i]perylene	<0.31		0.83	0.31	ug/L		11/05/24 10:59	11/06/24 18:19	1
Benzo[k]fluoranthene	<0.053		0.17	0.053	ug/L		11/05/24 10:59	11/06/24 18:19	1
Chrysene	<0.056		0.17	0.056	ug/L		11/05/24 10:59	11/06/24 18:19	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		11/05/24 10:59	11/06/24 18:19	1
Fluoranthene	<0.38		0.83	0.38	ug/L		11/05/24 10:59	11/06/24 18:19	1
Fluorene	<0.20		0.83	0.20	ug/L		11/05/24 10:59	11/06/24 18:19	1
Indeno[1,2,3-cd]pyrene	<0.062		0.17	0.062	ug/L		11/05/24 10:59	11/06/24 18:19	1
1-Methylnaphthalene	<0.25		1.7	0.25	ug/L		11/05/24 10:59	11/06/24 18:19	1
2-Methylnaphthalene	<0.054		1.7	0.054	ug/L		11/05/24 10:59	11/06/24 18:19	1
Naphthalene	<0.26		0.83	0.26	ug/L		11/05/24 10:59	11/06/24 18:19	1
Phenanthrene	<0.25		0.83	0.25	ug/L		11/05/24 10:59	11/06/24 18:19	1
Pyrene	<0.35		0.83	0.35	ug/L		11/05/24 10:59	11/06/24 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*34 - 110*	*11/05/24 10:59*	*11/06/24 18:19*	*1*
Nitrobenzene-d5 (Surr)	*67*		*36 - 120*	*11/05/24 10:59*	*11/06/24 18:19*	*1*
Terphenyl-d14 (Surr)	*75*		*40 - 145*	*11/05/24 10:59*	*11/06/24 18:19*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.1**		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:21	1
Barium	**670**		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:21	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-3
Date Collected: 10/30/24 16:00
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.32**	**J**	0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:21	1
Chromium	**72**		5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:21	1
Lead	**21**		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:21	1
Selenium	**12**		2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:21	1
Silver	<0.12		0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:21	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:17	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-6
Lab Sample ID: 500-259416-4
Date Collected: 10/30/24 14:26
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/10/24 14:29	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 14:29	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 14:29	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 14:29	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 14:29	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 14:29	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 14:29	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/10/24 14:29	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 14:29	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 14:29	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 14:29	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 14:29	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/10/24 14:29	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 14:29	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 14:29	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 14:29	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 14:29	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 14:29	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 14:29	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 14:29	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 14:29	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 14:29	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 14:29	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/10/24 14:29	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 14:29	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 14:29	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 14:29	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 14:29	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 14:29	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 14:29	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/10/24 14:29	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 14:29	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 14:29	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 14:29	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 14:29	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 14:29	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/10/24 14:29	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/10/24 14:29	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/10/24 14:29	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/10/24 14:29	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/10/24 14:29	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 14:29	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/10/24 14:29	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 14:29	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 14:29	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/10/24 14:29	1
Toluene	<0.21		0.50	0.21	ug/L			11/10/24 14:29	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/10/24 14:29	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-6
Lab Sample ID: 500-259416-4
Date Collected: 10/30/24 14:26
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 14:29	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 14:29	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 14:29	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/10/24 14:29	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 14:29	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/10/24 14:29	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 14:29	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 14:29	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/10/24 14:29	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 14:29	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/10/24 14:29	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/10/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*11/10/24 14:29*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/10/24 14:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*11/10/24 14:29*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/10/24 14:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.82	0.25	ug/L		11/05/24 10:59	11/06/24 18:41	1
Acenaphthylene	<0.22		0.82	0.22	ug/L		11/05/24 10:59	11/06/24 18:41	1
Anthracene	<0.27		0.82	0.27	ug/L		11/05/24 10:59	11/06/24 18:41	1
Benzo[a]anthracene	<0.047		0.16	0.047	ug/L		11/05/24 10:59	11/06/24 18:41	1
Benzo[a]pyrene	<0.081		0.16	0.081	ug/L		11/05/24 10:59	11/06/24 18:41	1
Benzo[b]fluoranthene	<0.066		0.16	0.066	ug/L		11/05/24 10:59	11/06/24 18:41	1
Benzo[g,h,i]perylene	<0.31		0.82	0.31	ug/L		11/05/24 10:59	11/06/24 18:41	1
Benzo[k]fluoranthene	<0.053		0.16	0.053	ug/L		11/05/24 10:59	11/06/24 18:41	1
Chrysene	<0.056		0.16	0.056	ug/L		11/05/24 10:59	11/06/24 18:41	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		11/05/24 10:59	11/06/24 18:41	1
Fluoranthene	<0.37		0.82	0.37	ug/L		11/05/24 10:59	11/06/24 18:41	1
Fluorene	<0.20		0.82	0.20	ug/L		11/05/24 10:59	11/06/24 18:41	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		11/05/24 10:59	11/06/24 18:41	1
1-Methylnaphthalene	<0.25		1.6	0.25	ug/L		11/05/24 10:59	11/06/24 18:41	1
2-Methylnaphthalene	**0.092**	**J**	1.6	0.054	ug/L		11/05/24 10:59	11/06/24 18:41	1
Naphthalene	<0.25		0.82	0.25	ug/L		11/05/24 10:59	11/06/24 18:41	1
Phenanthrene	<0.25		0.82	0.25	ug/L		11/05/24 10:59	11/06/24 18:41	1
Pyrene	<0.35		0.82	0.35	ug/L		11/05/24 10:59	11/06/24 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*34 - 110*	*11/05/24 10:59*	*11/06/24 18:41*	*1*
Nitrobenzene-d5 (Surr)	*66*		*36 - 120*	*11/05/24 10:59*	*11/06/24 18:41*	*1*
Terphenyl-d14 (Surr)	*69*		*40 - 145*	*11/05/24 10:59*	*11/06/24 18:41*	*1*

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-8
Date Collected: 10/30/24 13:30
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/10/24 14:52	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 14:52	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 14:52	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 14:52	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 14:52	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 14:52	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 14:52	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/10/24 14:52	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 14:52	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 14:52	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 14:52	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 14:52	1
cis-1,2-Dichloroethene	**3.8**		1.0	0.42	ug/L			11/10/24 14:52	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 14:52	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 14:52	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 14:52	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 14:52	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 14:52	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 14:52	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 14:52	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 14:52	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 14:52	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 14:52	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/10/24 14:52	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 14:52	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 14:52	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 14:52	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 14:52	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 14:52	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 14:52	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/10/24 14:52	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 14:52	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 14:52	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 14:52	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 14:52	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 14:52	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/10/24 14:52	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/10/24 14:52	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/10/24 14:52	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/10/24 14:52	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/10/24 14:52	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 14:52	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/10/24 14:52	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 14:52	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 14:52	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/10/24 14:52	1
Toluene	<0.21		0.50	0.21	ug/L			11/10/24 14:52	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/10/24 14:52	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-8
Lab Sample ID: 500-259416-5
Date Collected: 10/30/24 13:30
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 14:52	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 14:52	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 14:52	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/10/24 14:52	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 14:52	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/10/24 14:52	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 14:52	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 14:52	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/10/24 14:52	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 14:52	1
Vinyl chloride	**0.87**	**J**	1.0	0.47	ug/L			11/10/24 14:52	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/10/24 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*11/10/24 14:52*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*11/10/24 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*11/10/24 14:52*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*11/10/24 14:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.82	0.25	ug/L		11/05/24 10:59	11/06/24 19:03	1
Acenaphthylene	<0.22		0.82	0.22	ug/L		11/05/24 10:59	11/06/24 19:03	1
Anthracene	<0.27		0.82	0.27	ug/L		11/05/24 10:59	11/06/24 19:03	1
Benzo[a]anthracene	<0.046		0.16	0.046	ug/L		11/05/24 10:59	11/06/24 19:03	1
Benzo[a]pyrene	<0.081		0.16	0.081	ug/L		11/05/24 10:59	11/06/24 19:03	1
Benzo[b]fluoranthene	<0.066		0.16	0.066	ug/L		11/05/24 10:59	11/06/24 19:03	1
Benzo[g,h,i]perylene	<0.31		0.82	0.31	ug/L		11/05/24 10:59	11/06/24 19:03	1
Benzo[k]fluoranthene	<0.052		0.16	0.052	ug/L		11/05/24 10:59	11/06/24 19:03	1
Chrysene	<0.056		0.16	0.056	ug/L		11/05/24 10:59	11/06/24 19:03	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		11/05/24 10:59	11/06/24 19:03	1
Fluoranthene	<0.37		0.82	0.37	ug/L		11/05/24 10:59	11/06/24 19:03	1
Fluorene	<0.20		0.82	0.20	ug/L		11/05/24 10:59	11/06/24 19:03	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		11/05/24 10:59	11/06/24 19:03	1
1-Methylnaphthalene	<0.25		1.6	0.25	ug/L		11/05/24 10:59	11/06/24 19:03	1
2-Methylnaphthalene	<0.053		1.6	0.053	ug/L		11/05/24 10:59	11/06/24 19:03	1
Naphthalene	<0.25		0.82	0.25	ug/L		11/05/24 10:59	11/06/24 19:03	1
Phenanthrene	<0.25		0.82	0.25	ug/L		11/05/24 10:59	11/06/24 19:03	1
Pyrene	<0.35		0.82	0.35	ug/L		11/05/24 10:59	11/06/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*34 - 110*	*11/05/24 10:59*	*11/06/24 19:03*	*1*
Nitrobenzene-d5 (Surr)	*65*		*36 - 120*	*11/05/24 10:59*	*11/06/24 19:03*	*1*
Terphenyl-d14 (Surr)	*91*		*40 - 145*	*11/05/24 10:59*	*11/06/24 19:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.16		0.96	0.16	ug/L		11/06/24 13:47	11/07/24 17:31	1
PCB-1221	<0.48		0.96	0.48	ug/L		11/06/24 13:47	11/07/24 17:31	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-8
Lab Sample ID: 500-259416-5
Date Collected: 10/30/24 13:30
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.48		0.96	0.48	ug/L		11/06/24 13:47	11/07/24 17:31	1
PCB-1242	<0.48		0.96	0.48	ug/L		11/06/24 13:47	11/07/24 17:31	1
PCB-1248	<0.48		0.96	0.48	ug/L		11/06/24 13:47	11/07/24 17:31	1
PCB-1254	<0.48		0.96	0.48	ug/L		11/06/24 13:47	11/07/24 17:31	1
PCB-1260	<0.17		0.96	0.17	ug/L		11/06/24 13:47	11/07/24 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*30 - 120*	*11/06/24 13:47*	*11/07/24 17:31*	*1*
DCB Decachlorobiphenyl	*34*		*30 - 140*	*11/06/24 13:47*	*11/07/24 17:31*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**47**		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:23	1
Barium	**320**		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:23	1
Cadmium	<0.17		0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:23	1
Chromium	**1.6**	**J**	5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:23	1
Lead	**0.55**		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:23	1
Selenium	<0.98		2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:23	1
Silver	<0.12		0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:23	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:19	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-9
Date Collected: 10/30/24 13:20
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/10/24 15:15	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 15:15	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 15:15	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 15:15	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 15:15	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 15:15	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 15:15	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/10/24 15:15	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 15:15	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 15:15	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 15:15	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 15:15	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/10/24 15:15	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 15:15	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 15:15	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 15:15	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 15:15	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 15:15	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 15:15	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 15:15	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 15:15	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 15:15	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 15:15	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/10/24 15:15	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 15:15	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 15:15	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 15:15	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 15:15	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 15:15	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 15:15	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/10/24 15:15	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 15:15	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 15:15	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 15:15	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 15:15	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 15:15	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/10/24 15:15	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/10/24 15:15	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/10/24 15:15	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/10/24 15:15	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/10/24 15:15	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 15:15	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/10/24 15:15	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 15:15	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 15:15	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/10/24 15:15	1
Toluene	**0.26**	**J**	0.50	0.21	ug/L			11/10/24 15:15	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/10/24 15:15	1

Client Sample ID: EB-MW-9
Lab Sample ID: 500-259416-6

Date Collected: 10/30/24 13:20
Matrix: Water

Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 15:15	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 15:15	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 15:15	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/10/24 15:15	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 15:15	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/10/24 15:15	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 15:15	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 15:15	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/10/24 15:15	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 15:15	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/10/24 15:15	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/10/24 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*11/10/24 15:15*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*11/10/24 15:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*11/10/24 15:15*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/10/24 15:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.29		0.94	0.29	ug/L		11/05/24 10:59	11/06/24 19:24	1
Acenaphthylene	<0.25		0.94	0.25	ug/L		11/05/24 10:59	11/06/24 19:24	1
Anthracene	<0.31		0.94	0.31	ug/L		11/05/24 10:59	11/06/24 19:24	1
Benzo[a]anthracene	<0.053		0.19	0.053	ug/L		11/05/24 10:59	11/06/24 19:24	1
Benzo[a]pyrene	<0.093	*3	0.19	0.093	ug/L		11/05/24 10:59	11/06/24 19:24	1
Benzo[b]fluoranthene	<0.076	*3	0.19	0.076	ug/L		11/05/24 10:59	11/06/24 19:24	1
Benzo[g,h,i]perylene	<0.35	*3	0.94	0.35	ug/L		11/05/24 10:59	11/06/24 19:24	1
Benzo[k]fluoranthene	<0.060	*3	0.19	0.060	ug/L		11/05/24 10:59	11/06/24 19:24	1
Chrysene	<0.064		0.19	0.064	ug/L		11/05/24 10:59	11/06/24 19:24	1
Dibenz(a,h)anthracene	<0.048	*3	0.28	0.048	ug/L		11/05/24 10:59	11/06/24 19:24	1
Fluoranthene	<0.43		0.94	0.43	ug/L		11/05/24 10:59	11/06/24 19:24	1
Fluorene	<0.23		0.94	0.23	ug/L		11/05/24 10:59	11/06/24 19:24	1
Indeno[1,2,3-cd]pyrene	<0.070	*3	0.19	0.070	ug/L		11/05/24 10:59	11/06/24 19:24	1
1-Methylnaphthalene	<0.28		1.9	0.28	ug/L		11/05/24 10:59	11/06/24 19:24	1
2-Methylnaphthalene	**0.078**	**J**	1.9	0.061	ug/L		11/05/24 10:59	11/06/24 19:24	1
Naphthalene	<0.29		0.94	0.29	ug/L		11/05/24 10:59	11/06/24 19:24	1
Phenanthrene	<0.28		0.94	0.28	ug/L		11/05/24 10:59	11/06/24 19:24	1
Pyrene	<0.40		0.94	0.40	ug/L		11/05/24 10:59	11/06/24 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*34 - 110*	*11/05/24 10:59*	*11/06/24 19:24*	*1*
Nitrobenzene-d5 (Surr)	*65*		*36 - 120*	*11/05/24 10:59*	*11/06/24 19:24*	*1*
Terphenyl-d14 (Surr)	*82*		*40 - 145*	*11/05/24 10:59*	*11/06/24 19:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.17		1.0	0.17	ug/L		11/06/24 13:47	11/07/24 17:44	1
PCB-1221	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 17:44	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-9
Lab Sample ID: 500-259416-6
Date Collected: 10/30/24 13:20
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 17:44	1
PCB-1242	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 17:44	1
PCB-1248	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 17:44	1
PCB-1254	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 17:44	1
PCB-1260	<0.18		1.0	0.18	ug/L		11/06/24 13:47	11/07/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*58*		*30 - 120*	*11/06/24 13:47*	*11/07/24 17:44*	*1*
DCB Decachlorobiphenyl	*27*	*S1-*	*30 - 140*	*11/06/24 13:47*	*11/07/24 17:44*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.9**		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:26	1
Barium	**320**		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:26	1
Cadmium	**0.61**		0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:26	1
Chromium	**15**		5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:26	1
Lead	**10**		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:26	1
Selenium	**2.2**	**J**	2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:26	1
Silver	**0.19**	**J**	0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:26	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:22	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-10
Date Collected: 10/30/24 11:50
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.2**		0.50	0.18	ug/L			11/10/24 15:38	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 15:38	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 15:38	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 15:38	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 15:38	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 15:38	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 15:38	1
Chloroethane	**1.0**	**J**	5.0	0.47	ug/L			11/10/24 15:38	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 15:38	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 15:38	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 15:38	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 15:38	1
cis-1,2-Dichloroethene	**50**		1.0	0.42	ug/L			11/10/24 15:38	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 15:38	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 15:38	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 15:38	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 15:38	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 15:38	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 15:38	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 15:38	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 15:38	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 15:38	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 15:38	1
1,1-Dichloroethane	**27**		1.0	0.36	ug/L			11/10/24 15:38	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 15:38	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 15:38	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 15:38	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 15:38	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 15:38	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 15:38	1
Ethylbenzene	**79**		0.50	0.20	ug/L			11/10/24 15:38	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 15:38	1
Isopropylbenzene	**24**		1.0	0.29	ug/L			11/10/24 15:38	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 15:38	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 15:38	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 15:38	1
Naphthalene	**19**		1.0	0.44	ug/L			11/10/24 15:38	1
n-Butylbenzene	**69**		1.0	0.33	ug/L			11/10/24 15:38	1
N-Propylbenzene	**41**		1.0	0.32	ug/L			11/10/24 15:38	1
p-Isopropyltoluene	**30**		1.0	0.29	ug/L			11/10/24 15:38	1
sec-Butylbenzene	**31**		1.0	0.27	ug/L			11/10/24 15:38	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 15:38	1
tert-Butylbenzene	**4.0**		1.0	0.26	ug/L			11/10/24 15:38	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 15:38	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 15:38	1
Tetrachloroethene	**0.56**	**J**	1.0	0.39	ug/L			11/10/24 15:38	1
Toluene	**1.1**		0.50	0.21	ug/L			11/10/24 15:38	1
trans-1,2-Dichloroethene	**1.9**		1.0	0.44	ug/L			11/10/24 15:38	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-10
Date Collected: 10/30/24 11:50
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 15:38	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 15:38	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 15:38	1
1,1,1-Trichloroethane	**0.80**	**J**	1.0	0.45	ug/L			11/10/24 15:38	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 15:38	1
Trichloroethene	**6.8**		0.50	0.15	ug/L			11/10/24 15:38	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 15:38	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 15:38	1
1,3,5-Trimethylbenzene	**97**		1.0	0.29	ug/L			11/10/24 15:38	1
Vinyl chloride	**16**		1.0	0.47	ug/L			11/10/24 15:38	1
Xylenes, Total	**120**		1.0	0.30	ug/L			11/10/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*11/10/24 15:38*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*11/10/24 15:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*11/10/24 15:38*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*11/10/24 15:38*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**240**		10	3.0	ug/L			11/11/24 18:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*11/11/24 18:57*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*11/11/24 18:57*	*10*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*11/11/24 18:57*	*10*
Toluene-d8 (Surr)	*104*		*75 - 120*		*11/11/24 18:57*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.28**	**J**	0.77	0.24	ug/L		11/06/24 07:22	11/06/24 14:02	1
Acenaphthylene	<0.21		0.77	0.21	ug/L		11/06/24 07:22	11/06/24 14:02	1
Anthracene	<0.26		0.77	0.26	ug/L		11/06/24 07:22	11/06/24 14:02	1
Benzo[a]anthracene	**0.25**		0.15	0.043	ug/L		11/06/24 07:22	11/06/24 14:02	1
Benzo[a]pyrene	**0.17**		0.15	0.076	ug/L		11/06/24 07:22	11/06/24 14:02	1
Benzo[b]fluoranthene	**0.18**		0.15	0.062	ug/L		11/06/24 07:22	11/06/24 14:02	1
Benzo[g,h,i]perylene	<0.29		0.77	0.29	ug/L		11/06/24 07:22	11/06/24 14:02	1
Benzo[k]fluoranthene	**0.072**	**J**	0.15	0.049	ug/L		11/06/24 07:22	11/06/24 14:02	1
Chrysene	**0.23**		0.15	0.052	ug/L		11/06/24 07:22	11/06/24 14:02	1
Dibenz(a,h)anthracene	<0.039		0.23	0.039	ug/L		11/06/24 07:22	11/06/24 14:02	1
Fluoranthene	**0.54**	**J**	0.77	0.35	ug/L		11/06/24 07:22	11/06/24 14:02	1
Fluorene	**0.50**	**J**	0.77	0.19	ug/L		11/06/24 07:22	11/06/24 14:02	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		11/06/24 07:22	11/06/24 14:02	1
1-Methylnaphthalene	**2.2**		1.5	0.23	ug/L		11/06/24 07:22	11/06/24 14:02	1
2-Methylnaphthalene	**1.1**	**J**	1.5	0.050	ug/L		11/06/24 07:22	11/06/24 14:02	1
Naphthalene	**9.6**		0.77	0.24	ug/L		11/06/24 07:22	11/06/24 14:02	1
Phenanthrene	**0.67**	**J**	0.77	0.23	ug/L		11/06/24 07:22	11/06/24 14:02	1
Pyrene	**0.63**	**J *-**	0.77	0.33	ug/L		11/06/24 07:22	11/06/24 14:02	1

Client Sample ID: EB-MW-10
Date Collected: 10/30/24 11:50
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-7
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*34 - 110*	*11/06/24 07:22*	*11/06/24 14:02*	*1*
Nitrobenzene-d5 (Surr)	*126*	*S1+*	*36 - 120*	*11/06/24 07:22*	*11/06/24 14:02*	*1*
Terphenyl-d14 (Surr)	*77*		*40 - 145*	*11/06/24 07:22*	*11/06/24 14:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.16		0.97	0.16	ug/L		11/06/24 13:47	11/07/24 17:57	1
PCB-1221	<0.48		0.97	0.48	ug/L		11/06/24 13:47	11/07/24 17:57	1
PCB-1232	<0.48		0.97	0.48	ug/L		11/06/24 13:47	11/07/24 17:57	1
PCB-1242	<0.48		0.97	0.48	ug/L		11/06/24 13:47	11/07/24 17:57	1
PCB-1248	<0.48		0.97	0.48	ug/L		11/06/24 13:47	11/07/24 17:57	1
PCB-1254	<0.48		0.97	0.48	ug/L		11/06/24 13:47	11/07/24 17:57	1
PCB-1260	<0.17		0.97	0.17	ug/L		11/06/24 13:47	11/07/24 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*53*		*30 - 120*	*11/06/24 13:47*	*11/07/24 17:57*	*1*
DCB Decachlorobiphenyl	*32*		*30 - 140*	*11/06/24 13:47*	*11/07/24 17:57*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.7**		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:33	1
Barium	**150**		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:33	1
Cadmium	<0.17		0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:33	1
Chromium	**2.5**	**J**	5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:33	1
Lead	**6.9**		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:33	1
Selenium	<0.98		2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:33	1
Silver	<0.12		0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:33	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:24	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: Duplicate-1
Date Collected: 10/30/24 00:00
Date Received: 11/01/24 10:05

Lab Sample ID: 500-259416-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.1**		0.50	0.18	ug/L			11/11/24 16:34	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/11/24 16:34	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/11/24 16:34	1
Bromoform	<0.96		1.0	0.96	ug/L			11/11/24 16:34	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/11/24 16:34	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/11/24 16:34	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 16:34	1
Chloroethane	**1.1**	**J**	5.0	0.47	ug/L			11/11/24 16:34	1
Chloroform	<0.92		2.0	0.92	ug/L			11/11/24 16:34	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/11/24 16:34	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/11/24 16:34	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/11/24 16:34	1
cis-1,2-Dichloroethene	**50**		1.0	0.42	ug/L			11/11/24 16:34	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/11/24 16:34	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/11/24 16:34	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/11/24 16:34	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/11/24 16:34	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/11/24 16:34	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/11/24 16:34	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 16:34	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/11/24 16:34	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/11/24 16:34	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/11/24 16:34	1
1,1-Dichloroethane	**27**		1.0	0.36	ug/L			11/11/24 16:34	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/11/24 16:34	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/11/24 16:34	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/11/24 16:34	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/11/24 16:34	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/11/24 16:34	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/11/24 16:34	1
Ethylbenzene	**78**		0.50	0.20	ug/L			11/11/24 16:34	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/11/24 16:34	1
Isopropylbenzene	**25**		1.0	0.29	ug/L			11/11/24 16:34	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/11/24 16:34	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/11/24 16:34	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/11/24 16:34	1
Naphthalene	**20**		1.0	0.44	ug/L			11/11/24 16:34	1
n-Butylbenzene	**81**		1.0	0.33	ug/L			11/11/24 16:34	1
N-Propylbenzene	**43**		1.0	0.32	ug/L			11/11/24 16:34	1
p-Isopropyltoluene	**35**		1.0	0.29	ug/L			11/11/24 16:34	1
sec-Butylbenzene	**35**		1.0	0.27	ug/L			11/11/24 16:34	1
Styrene	<0.31		1.0	0.31	ug/L			11/11/24 16:34	1
tert-Butylbenzene	**4.3**		1.0	0.26	ug/L			11/11/24 16:34	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/11/24 16:34	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/11/24 16:34	1
Tetrachloroethene	**0.58**	**J**	1.0	0.39	ug/L			11/11/24 16:34	1
Toluene	**1.1**		0.50	0.21	ug/L			11/11/24 16:34	1
trans-1,2-Dichloroethene	**1.8**		1.0	0.44	ug/L			11/11/24 16:34	1

Client Sample ID: Duplicate-1
Lab Sample ID: 500-259416-8

Date Collected: 10/30/24 00:00
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/11/24 16:34	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/11/24 16:34	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/11/24 16:34	1
1,1,1-Trichloroethane	**0.84**	**J**	1.0	0.45	ug/L			11/11/24 16:34	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/11/24 16:34	1
Trichloroethene	**6.6**		0.50	0.15	ug/L			11/11/24 16:34	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/11/24 16:34	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/11/24 16:34	1
1,3,5-Trimethylbenzene	**100**		1.0	0.29	ug/L			11/11/24 16:34	1
Vinyl chloride	**16**		1.0	0.47	ug/L			11/11/24 16:34	1
Xylenes, Total	**120**		1.0	0.30	ug/L			11/11/24 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*11/11/24 16:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*11/11/24 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*11/11/24 16:34*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*11/11/24 16:34*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**270**		10	3.0	ug/L			11/12/24 16:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/12/24 16:53*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*11/12/24 16:53*	*10*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*11/12/24 16:53*	*10*
Toluene-d8 (Surr)	*106*		*75 - 120*		*11/12/24 16:53*	*10*

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: Trip Blank
Lab Sample ID: 500-259416-9

Date Collected: 10/30/24 00:00
Matrix: Water

Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/11/24 16:57	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/11/24 16:57	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/11/24 16:57	1
Bromoform	<0.96		1.0	0.96	ug/L			11/11/24 16:57	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/11/24 16:57	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/11/24 16:57	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 16:57	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/11/24 16:57	1
Chloroform	<0.92		2.0	0.92	ug/L			11/11/24 16:57	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/11/24 16:57	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/11/24 16:57	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/11/24 16:57	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/11/24 16:57	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/11/24 16:57	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/11/24 16:57	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/11/24 16:57	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/11/24 16:57	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/11/24 16:57	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/11/24 16:57	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 16:57	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/11/24 16:57	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/11/24 16:57	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/11/24 16:57	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/11/24 16:57	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/11/24 16:57	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/11/24 16:57	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/11/24 16:57	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/11/24 16:57	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/11/24 16:57	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/11/24 16:57	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/11/24 16:57	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/11/24 16:57	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/11/24 16:57	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/11/24 16:57	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/11/24 16:57	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/11/24 16:57	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/11/24 16:57	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/11/24 16:57	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/11/24 16:57	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/11/24 16:57	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/11/24 16:57	1
Styrene	<0.31		1.0	0.31	ug/L			11/11/24 16:57	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/11/24 16:57	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/11/24 16:57	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/11/24 16:57	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/11/24 16:57	1
Toluene	<0.21		0.50	0.21	ug/L			11/11/24 16:57	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/11/24 16:57	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: Trip Blank
Lab Sample ID: 500-259416-9

Date Collected: 10/30/24 00:00
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/11/24 16:57	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/11/24 16:57	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/11/24 16:57	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/11/24 16:57	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/11/24 16:57	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/11/24 16:57	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/11/24 16:57	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/11/24 16:57	1
1,2,4-Trimethylbenzene	**0.67**	**J**	1.0	0.30	ug/L			11/11/24 16:57	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/11/24 16:57	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/11/24 16:57	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/11/24 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*11/11/24 16:57*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/11/24 16:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*11/11/24 16:57*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*11/11/24 16:57*	*1*

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-4RR
Lab Sample ID: 500-259416-10
Date Collected: 10/31/24 09:30
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.11**	**J**	0.22	0.11	ug/L		11/05/24 09:09	11/06/24 15:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*15 - 110*	*11/05/24 09:09*	*11/06/24 15:43*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<2.0		12	2.0	ug/L		11/06/24 13:47	11/08/24 12:16	10
PCB-1221	<5.9		12	5.9	ug/L		11/06/24 13:47	11/08/24 12:16	10
PCB-1232	<5.9		12	5.9	ug/L		11/06/24 13:47	11/08/24 12:16	10
PCB-1242	<5.9		12	5.9	ug/L		11/06/24 13:47	11/08/24 12:16	10
PCB-1248	<5.9		12	5.9	ug/L		11/06/24 13:47	11/08/24 12:16	10
PCB-1254	<5.9		12	5.9	ug/L		11/06/24 13:47	11/08/24 12:16	10
PCB-1260	**59**		12	2.1	ug/L		11/06/24 13:47	11/08/24 12:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*		*30 - 120*	*11/06/24 13:47*	*11/08/24 12:16*	*10*
DCB Decachlorobiphenyl	*96*		*30 - 140*	*11/06/24 13:47*	*11/08/24 12:16*	*10*

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-11
Date Collected: 10/31/24 09:17
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.20		1.2	0.20	ug/L		11/06/24 13:47	11/07/24 18:24	1
PCB-1221	<0.61		1.2	0.61	ug/L		11/06/24 13:47	11/07/24 18:24	1
PCB-1232	<0.61		1.2	0.61	ug/L		11/06/24 13:47	11/07/24 18:24	1
PCB-1242	<0.61		1.2	0.61	ug/L		11/06/24 13:47	11/07/24 18:24	1
PCB-1248	<0.61		1.2	0.61	ug/L		11/06/24 13:47	11/07/24 18:24	1
PCB-1254	<0.61		1.2	0.61	ug/L		11/06/24 13:47	11/07/24 18:24	1
PCB-1260	<0.21		1.2	0.21	ug/L		11/06/24 13:47	11/07/24 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*30 - 120*	*11/06/24 13:47*	*11/07/24 18:24*	*1*
DCB Decachlorobiphenyl	*33*		*30 - 140*	*11/06/24 13:47*	*11/07/24 18:24*	*1*

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-6
Lab Sample ID: 500-259416-12
Date Collected: 10/31/24 09:07
Matrix: Water
Date Received: 11/01/24 10:05

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.18		0.36	0.18	ug/L		11/05/24 09:09	11/06/24 16:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*61*		*15 - 110*	*11/05/24 09:09*	*11/06/24 16:04*	*1*

Definitions/Glossary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 794660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-2	EB-MW-4RR	Total/NA	Water	8260D	
500-259416-3	EB-MW-5	Total/NA	Water	8260D	
500-259416-4	EB-MW-6	Total/NA	Water	8260D	
500-259416-5	EB-MW-8	Total/NA	Water	8260D	
500-259416-6	EB-MW-9	Total/NA	Water	8260D	
500-259416-7	EB-MW-10	Total/NA	Water	8260D	
MB 500-794660/8	Method Blank	Total/NA	Water	8260D	
LCS 500-794660/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-794660/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 794711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	8260D	
500-259416-7 - DL	EB-MW-10	Total/NA	Water	8260D	
500-259416-8	Duplicate-1	Total/NA	Water	8260D	
500-259416-9	Trip Blank	Total/NA	Water	8260D	
MB 500-794711/8	Method Blank	Total/NA	Water	8260D	
LCS 500-794711/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-794711/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 794908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-8 - DL	Duplicate-1	Total/NA	Water	8260D	
MB 500-794908/7	Method Blank	Total/NA	Water	8260D	
LCS 500-794908/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 731193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	3510C	
500-259416-2	EB-MW-4RR	Total/NA	Water	3510C	
500-259416-10	EB-MW-4RR	Total/NA	Water	3510C	
500-259416-12	EB-MW-6	Total/NA	Water	3510C	
MB 480-731193/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-731193/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-731193/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 731330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	8270D SIM ID	731193
500-259416-2	EB-MW-4RR	Total/NA	Water	8270D SIM ID	731193
500-259416-10	EB-MW-4RR	Total/NA	Water	8270D SIM ID	731193
500-259416-12	EB-MW-6	Total/NA	Water	8270D SIM ID	731193
MB 480-731193/1-A	Method Blank	Total/NA	Water	8270D SIM ID	731193
LCS 480-731193/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	731193
LCSD 480-731193/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	731193

GC/MS Semi VOA

Prep Batch: 793937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	3510C	
500-259416-2	EB-MW-4RR	Total/NA	Water	3510C	
500-259416-3	EB-MW-5	Total/NA	Water	3510C	
500-259416-4	EB-MW-6	Total/NA	Water	3510C	
500-259416-5	EB-MW-8	Total/NA	Water	3510C	
500-259416-6	EB-MW-9	Total/NA	Water	3510C	
MB 500-793937/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-793937/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-793937/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 794049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-7	EB-MW-10	Total/NA	Water	3510C	
MB 500-794049/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-794049/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 794111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	8270E	793937
500-259416-3	EB-MW-5	Total/NA	Water	8270E	793937
500-259416-4	EB-MW-6	Total/NA	Water	8270E	793937
500-259416-5	EB-MW-8	Total/NA	Water	8270E	793937
500-259416-6	EB-MW-9	Total/NA	Water	8270E	793937
MB 500-793937/1-A	Method Blank	Total/NA	Water	8270E	793937
LCS 500-793937/2-A	Lab Control Sample	Total/NA	Water	8270E	793937
LCSD 500-793937/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	793937

Analysis Batch: 794113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-7	EB-MW-10	Total/NA	Water	8270E	794049
MB 500-794049/1-A	Method Blank	Total/NA	Water	8270E	794049
LCS 500-794049/2-A	Lab Control Sample	Total/NA	Water	8270E	794049

Analysis Batch: 794301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-2	EB-MW-4RR	Total/NA	Water	8270E	793937

GC Semi VOA

Prep Batch: 794181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	3510C	
500-259416-2	EB-MW-4RR	Total/NA	Water	3510C	
500-259416-5	EB-MW-8	Total/NA	Water	3510C	
500-259416-6	EB-MW-9	Total/NA	Water	3510C	
500-259416-7	EB-MW-10	Total/NA	Water	3510C	
500-259416-10	EB-MW-4RR	Total/NA	Water	3510C	
500-259416-11	EB-MW-5	Total/NA	Water	3510C	
MB 500-794181/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-794181/4-A	Lab Control Sample	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 794181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-794181/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 794393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Total/NA	Water	8082A	794181
500-259416-5	EB-MW-8	Total/NA	Water	8082A	794181
500-259416-6	EB-MW-9	Total/NA	Water	8082A	794181
500-259416-7	EB-MW-10	Total/NA	Water	8082A	794181
500-259416-11	EB-MW-5	Total/NA	Water	8082A	794181
MB 500-794181/1-A	Method Blank	Total/NA	Water	8082A	794181
LCS 500-794181/4-A	Lab Control Sample	Total/NA	Water	8082A	794181
LCSD 500-794181/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	794181

Analysis Batch: 794532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-2	EB-MW-4RR	Total/NA	Water	8082A	794181
500-259416-10	EB-MW-4RR	Total/NA	Water	8082A	794181

Metals

Filtration Batch: 795226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Dissolved	Water	FILTRATION	
500-259416-2	EB-MW-4RR	Dissolved	Water	FILTRATION	
500-259416-3	EB-MW-5	Dissolved	Water	FILTRATION	
500-259416-5	EB-MW-8	Dissolved	Water	FILTRATION	
500-259416-6	EB-MW-9	Dissolved	Water	FILTRATION	
500-259416-7	EB-MW-10	Dissolved	Water	FILTRATION	
MB 500-795226/8-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 795273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Dissolved	Water	3005A	795226
500-259416-2	EB-MW-4RR	Dissolved	Water	3005A	795226
500-259416-3	EB-MW-5	Dissolved	Water	3005A	795226
500-259416-5	EB-MW-8	Dissolved	Water	3005A	795226
500-259416-6	EB-MW-9	Dissolved	Water	3005A	795226
500-259416-7	EB-MW-10	Dissolved	Water	3005A	795226
MB 500-795226/8-B	Method Blank	Dissolved	Water	3005A	795226
LCS 500-795273/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 795512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Dissolved	Water	6020B	795273
500-259416-2	EB-MW-4RR	Dissolved	Water	6020B	795273
500-259416-3	EB-MW-5	Dissolved	Water	6020B	795273
500-259416-5	EB-MW-8	Dissolved	Water	6020B	795273
500-259416-6	EB-MW-9	Dissolved	Water	6020B	795273
500-259416-7	EB-MW-10	Dissolved	Water	6020B	795273
MB 500-795226/8-B	Method Blank	Dissolved	Water	6020B	795273

Metals (Continued)

Analysis Batch: 795512 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-795273/2-A	Lab Control Sample	Total Recoverable	Water	6020B	795273

Prep Batch: 796197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Dissolved	Water	7470A	796198
500-259416-2	EB-MW-4RR	Dissolved	Water	7470A	796198
500-259416-3	EB-MW-5	Dissolved	Water	7470A	796198
500-259416-5	EB-MW-8	Dissolved	Water	7470A	796198
500-259416-6	EB-MW-9	Dissolved	Water	7470A	796198
500-259416-7	EB-MW-10	Dissolved	Water	7470A	796198
MB 500-796197/12-A	Method Blank	Total/NA	Water	7470A	
MB 500-796198/1-B	Method Blank	Dissolved	Water	7470A	796198
LCS 500-796197/14-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 500-796197/15-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Filtration Batch: 796198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Dissolved	Water	FILTRATION	
500-259416-2	EB-MW-4RR	Dissolved	Water	FILTRATION	
500-259416-3	EB-MW-5	Dissolved	Water	FILTRATION	
500-259416-5	EB-MW-8	Dissolved	Water	FILTRATION	
500-259416-6	EB-MW-9	Dissolved	Water	FILTRATION	
500-259416-7	EB-MW-10	Dissolved	Water	FILTRATION	
MB 500-796198/1-B	Method Blank	Dissolved	Water	FILTRATION	

Analysis Batch: 796326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259416-1	EB-MW-2	Dissolved	Water	7470A	796197
500-259416-2	EB-MW-4RR	Dissolved	Water	7470A	796197
500-259416-3	EB-MW-5	Dissolved	Water	7470A	796197
500-259416-5	EB-MW-8	Dissolved	Water	7470A	796197
500-259416-6	EB-MW-9	Dissolved	Water	7470A	796197
500-259416-7	EB-MW-10	Dissolved	Water	7470A	796197
MB 500-796197/12-A	Method Blank	Total/NA	Water	7470A	796197
MB 500-796198/1-B	Method Blank	Dissolved	Water	7470A	796197
LCS 500-796197/14-A	Lab Control Sample	Total/NA	Water	7470A	796197
LCSD 500-796197/15-A	Lab Control Sample Dup	Total/NA	Water	7470A	796197

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-259416-1	EB-MW-2	107	96	110	103
500-259416-2	EB-MW-4RR	109	97	111	104
500-259416-3	EB-MW-5	109	97	113	103
500-259416-4	EB-MW-6	110	97	115	103
500-259416-5	EB-MW-8	109	98	113	104
500-259416-6	EB-MW-9	111	96	114	103
500-259416-7	EB-MW-10	111	95	108	105
500-259416-7 - DL	EB-MW-10	108	96	110	104
500-259416-8	Duplicate-1	113	96	107	104
500-259416-8 - DL	Duplicate-1	96	98	114	106
500-259416-9	Trip Blank	109	97	112	102
LCS 500-794660/3	Lab Control Sample	106	97	112	102
LCS 500-794711/4	Lab Control Sample	107	98	111	103
LCS 500-794908/4	Lab Control Sample	105	96	106	109
LCSD 500-794660/5	Lab Control Sample Dup	107	97	111	103
LCSD 500-794711/5	Lab Control Sample Dup	108	97	108	104
MB 500-794660/8	Method Blank	107	97	112	103
MB 500-794711/8	Method Blank	108	97	111	104
MB 500-794908/7	Method Blank	106	97	111	108

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-259416-1	EB-MW-2	69	69	87
500-259416-2	EB-MW-4RR	0 S1-	0 S1-	0 S1-
500-259416-3	EB-MW-5	72	67	75
500-259416-4	EB-MW-6	73	66	69
500-259416-5	EB-MW-8	70	65	91
500-259416-6	EB-MW-9	72	65	82
500-259416-7	EB-MW-10	66	126 S1+	77
LCS 500-793937/2-A	Lab Control Sample	69	69	86
LCS 500-794049/2-A	Lab Control Sample	60	66	71
LCSD 500-793937/3-A	Lab Control Sample Dup	72	69	89
MB 500-793937/1-A	Method Blank	78	70	89
MB 500-794049/1-A	Method Blank	49	57	70

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(30-120)	(30-140)
500-259416-1	EB-MW-2	51	35
500-259416-5	EB-MW-8	64	34
500-259416-6	EB-MW-9	58	27 S1-
500-259416-7	EB-MW-10	53	32
500-259416-11	EB-MW-5	66	33
LCS 500-794181/4-A	Lab Control Sample	69	72
LCSD 500-794181/5-A	Lab Control Sample Dup	69	72
MB 500-794181/1-A	Method Blank	60	55

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(30-120)	(30-140)
500-259416-2	EB-MW-4RR	88	75
500-259416-10	EB-MW-4RR	54	96

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-794660/8
Matrix: Water
Analysis Batch: 794660

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/10/24 12:30	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/10/24 12:30	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/10/24 12:30	1
Bromoform	<0.96		1.0	0.96	ug/L			11/10/24 12:30	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/10/24 12:30	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/10/24 12:30	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 12:30	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/10/24 12:30	1
Chloroform	<0.92		2.0	0.92	ug/L			11/10/24 12:30	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/10/24 12:30	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/10/24 12:30	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/10/24 12:30	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/10/24 12:30	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/10/24 12:30	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/10/24 12:30	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/10/24 12:30	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/10/24 12:30	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/10/24 12:30	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/10/24 12:30	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/10/24 12:30	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/10/24 12:30	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/10/24 12:30	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/10/24 12:30	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/10/24 12:30	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/10/24 12:30	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/10/24 12:30	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/10/24 12:30	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/10/24 12:30	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/10/24 12:30	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/10/24 12:30	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/10/24 12:30	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/10/24 12:30	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 12:30	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/10/24 12:30	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/10/24 12:30	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/10/24 12:30	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/10/24 12:30	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/10/24 12:30	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/10/24 12:30	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/10/24 12:30	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/10/24 12:30	1
Styrene	<0.31		1.0	0.31	ug/L			11/10/24 12:30	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/10/24 12:30	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/10/24 12:30	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/10/24 12:30	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/10/24 12:30	1
Toluene	<0.21		0.50	0.21	ug/L			11/10/24 12:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-794660/8
Matrix: Water
Analysis Batch: 794660

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/10/24 12:30	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/10/24 12:30	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/10/24 12:30	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/10/24 12:30	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/10/24 12:30	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/10/24 12:30	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/10/24 12:30	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/10/24 12:30	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/10/24 12:30	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/10/24 12:30	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/10/24 12:30	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/10/24 12:30	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/10/24 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*11/10/24 12:30*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/10/24 12:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*11/10/24 12:30*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/10/24 12:30*	*1*

Lab Sample ID: LCS 500-794660/3
Matrix: Water
Analysis Batch: 794660

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.9		ug/L		94	70 - 120
Bromobenzene	50.0	44.8		ug/L		90	70 - 122
Bromochloromethane	50.0	43.3		ug/L		87	65 - 122
Bromoform	50.0	43.1		ug/L		86	56 - 132
Bromomethane	50.0	61.3		ug/L		123	40 - 152
Carbon tetrachloride	50.0	49.4		ug/L		99	59 - 133
Chlorobenzene	50.0	44.1		ug/L		88	70 - 120
Chloroethane	50.0	51.0		ug/L		102	48 - 136
Chloroform	50.0	45.6		ug/L		91	70 - 120
Chloromethane	50.0	48.6		ug/L		97	56 - 152
2-Chlorotoluene	50.0	49.1		ug/L		98	70 - 125
4-Chlorotoluene	50.0	49.0		ug/L		98	68 - 124
cis-1,2-Dichloroethene	50.0	45.2		ug/L		90	70 - 125
cis-1,3-Dichloropropene	50.0	46.0		ug/L		92	64 - 127
Dibromochloromethane	50.0	44.7		ug/L		89	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/L		95	56 - 123
1,2-Dibromoethane (EDB)	50.0	45.1		ug/L		90	70 - 125
Dibromomethane	50.0	44.0		ug/L		88	70 - 120
1,2-Dichlorobenzene	50.0	44.7		ug/L		89	70 - 125
1,3-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 125
1,4-Dichlorobenzene	50.0	44.1		ug/L		88	70 - 120
Dichlorobromomethane	50.0	45.2		ug/L		90	69 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-794660/3
Matrix: Water
Analysis Batch: 794660

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	50.0	58.0		ug/L		116	40 - 159
1,1-Dichloroethane	50.0	50.9		ug/L		102	70 - 125
1,2-Dichloroethane	50.0	49.8		ug/L		100	68 - 127
1,1-Dichloroethene	50.0	49.3		ug/L		99	67 - 122
1,2-Dichloropropane	50.0	48.6		ug/L		97	67 - 130
1,3-Dichloropropane	50.0	46.0		ug/L		92	62 - 136
2,2-Dichloropropane	50.0	51.2		ug/L		102	58 - 139
1,1-Dichloropropene	50.0	51.3		ug/L		103	70 - 121
Ethylbenzene	50.0	49.2		ug/L		98	70 - 123
Hexachlorobutadiene	50.0	48.5		ug/L		97	51 - 150
Isopropylbenzene	50.0	50.3		ug/L		101	70 - 126
Methylene Chloride	50.0	48.0		ug/L		96	69 - 125
Methyl tert-butyl ether	50.0	46.7		ug/L		93	55 - 123
Naphthalene	50.0	46.1		ug/L		92	53 - 144
n-Butylbenzene	50.0	51.5		ug/L		103	68 - 125
N-Propylbenzene	50.0	50.4		ug/L		101	69 - 127
p-Isopropyltoluene	50.0	49.0		ug/L		98	70 - 125
sec-Butylbenzene	50.0	50.2		ug/L		100	70 - 123
Styrene	50.0	47.6		ug/L		95	70 - 120
tert-Butylbenzene	50.0	48.1		ug/L		96	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.4		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	48.8		ug/L		98	62 - 140
Tetrachloroethene	50.0	46.9		ug/L		94	70 - 128
Toluene	50.0	47.2		ug/L		94	70 - 125
trans-1,2-Dichloroethene	50.0	46.5		ug/L		93	70 - 125
trans-1,3-Dichloropropene	50.0	45.9		ug/L		92	62 - 128
1,2,3-Trichlorobenzene	50.0	43.4		ug/L		87	51 - 145
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	57 - 137
1,1,1-Trichloroethane	50.0	48.5		ug/L		97	70 - 125
1,1,2-Trichloroethane	50.0	45.5		ug/L		91	71 - 130
Trichloroethene	50.0	44.4		ug/L		89	70 - 125
Trichlorofluoromethane	50.0	49.5		ug/L		99	55 - 128
1,2,3-Trichloropropane	50.0	48.4		ug/L		97	50 - 133
1,2,4-Trimethylbenzene	50.0	49.5		ug/L		99	70 - 123
1,3,5-Trimethylbenzene	50.0	50.1		ug/L		100	70 - 123
Vinyl chloride	50.0	50.9		ug/L		102	64 - 126
Xylenes, Total	100	96.1		ug/L		96	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*
Toluene-d8 (Surr)	*102*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-794660/5
Matrix: Water
Analysis Batch: 794660

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			50.0	46.1		ug/L		92	70 - 120	2	20
Bromobenzene			50.0	44.4		ug/L		89	70 - 122	1	20
Bromochloromethane			50.0	42.7		ug/L		85	65 - 122	1	20
Bromoform			50.0	43.3		ug/L		87	56 - 132	1	20
Bromomethane			50.0	61.1		ug/L		122	40 - 152	0	20
Carbon tetrachloride			50.0	48.4		ug/L		97	59 - 133	2	20
Chlorobenzene			50.0	43.8		ug/L		88	70 - 120	1	20
Chloroethane			50.0	48.0		ug/L		96	48 - 136	6	20
Chloroform			50.0	44.4		ug/L		89	70 - 120	3	20
Chloromethane			50.0	47.5		ug/L		95	56 - 152	2	20
2-Chlorotoluene			50.0	48.8		ug/L		98	70 - 125	1	20
4-Chlorotoluene			50.0	48.5		ug/L		97	68 - 124	1	20
cis-1,2-Dichloroethene			50.0	45.0		ug/L		90	70 - 125	0	20
cis-1,3-Dichloropropene			50.0	46.6		ug/L		93	64 - 127	1	20
Dibromochloromethane			50.0	45.2		ug/L		90	68 - 125	1	20
1,2-Dibromo-3-Chloropropane			50.0	47.5		ug/L		95	56 - 123	0	20
1,2-Dibromoethane (EDB)			50.0	45.8		ug/L		92	70 - 125	2	20
Dibromomethane			50.0	43.8		ug/L		88	70 - 120	0	20
1,2-Dichlorobenzene			50.0	44.7		ug/L		89	70 - 125	0	20
1,3-Dichlorobenzene			50.0	44.0		ug/L		88	70 - 125	1	20
1,4-Dichlorobenzene			50.0	44.2		ug/L		88	70 - 120	0	20
Dichlorobromomethane			50.0	45.2		ug/L		90	69 - 120	0	20
Dichlorodifluoromethane			50.0	55.2		ug/L		110	40 - 159	5	20
1,1-Dichloroethane			50.0	50.2		ug/L		100	70 - 125	1	20
1,2-Dichloroethane			50.0	49.5		ug/L		99	68 - 127	1	20
1,1-Dichloroethene			50.0	48.0		ug/L		96	67 - 122	3	20
1,2-Dichloropropane			50.0	48.4		ug/L		97	67 - 130	0	20
1,3-Dichloropropane			50.0	46.9		ug/L		94	62 - 136	2	20
2,2-Dichloropropane			50.0	50.4		ug/L		101	58 - 139	2	20
1,1-Dichloropropene			50.0	49.6		ug/L		99	70 - 121	3	20
Ethylbenzene			50.0	48.6		ug/L		97	70 - 123	1	20
Hexachlorobutadiene			50.0	47.3		ug/L		95	51 - 150	2	20
Isopropylbenzene			50.0	49.9		ug/L		100	70 - 126	1	20
Methylene Chloride			50.0	47.3		ug/L		95	69 - 125	1	20
Methyl tert-butyl ether			50.0	47.0		ug/L		94	55 - 123	0	20
Naphthalene			50.0	45.9		ug/L		92	53 - 144	0	20
n-Butylbenzene			50.0	50.0		ug/L		100	68 - 125	3	20
N-Propylbenzene			50.0	49.6		ug/L		99	69 - 127	2	20
p-Isopropyltoluene			50.0	48.1		ug/L		96	70 - 125	2	20
sec-Butylbenzene			50.0	49.5		ug/L		99	70 - 123	1	20
Styrene			50.0	47.3		ug/L		95	70 - 120	1	20
tert-Butylbenzene			50.0	47.5		ug/L		95	70 - 121	1	20
1,1,1,2-Tetrachloroethane			50.0	43.4		ug/L		87	70 - 125	0	20
1,1,2,2-Tetrachloroethane			50.0	48.7		ug/L		97	62 - 140	0	20
Tetrachloroethene			50.0	46.1		ug/L		92	70 - 128	2	20
Toluene			50.0	46.9		ug/L		94	70 - 125	1	20
trans-1,2-Dichloroethene			50.0	45.9		ug/L		92	70 - 125	1	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-794660/5
Matrix: Water
Analysis Batch: 794660

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	46.8		ug/L		94	62 - 128	2	20
1,2,3-Trichlorobenzene			50.0	44.2		ug/L		88	51 - 145	2	20
1,2,4-Trichlorobenzene			50.0	44.7		ug/L		89	57 - 137	1	20
1,1,1-Trichloroethane			50.0	47.5		ug/L		95	70 - 125	2	20
1,1,2-Trichloroethane			50.0	45.8		ug/L		92	71 - 130	1	20
Trichloroethene			50.0	43.9		ug/L		88	70 - 125	1	20
Trichlorofluoromethane			50.0	47.7		ug/L		95	55 - 128	4	20
1,2,3-Trichloropropane			50.0	47.6		ug/L		95	50 - 133	2	20
1,2,4-Trimethylbenzene			50.0	49.0		ug/L		98	70 - 123	1	20
1,3,5-Trimethylbenzene			50.0	49.6		ug/L		99	70 - 123	1	20
Vinyl chloride			50.0	49.2		ug/L		98	64 - 126	3	20
Xylenes, Total			100	95.5		ug/L		95	70 - 125	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: MB 500-794711/8
Matrix: Water
Analysis Batch: 794711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			11/11/24 12:05	1
Bromobenzene	<0.60		1.0	0.60	ug/L			11/11/24 12:05	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			11/11/24 12:05	1
Bromoform	<0.96		1.0	0.96	ug/L			11/11/24 12:05	1
Bromomethane	<1.8		3.0	1.8	ug/L			11/11/24 12:05	1
Carbon tetrachloride	<0.41		1.0	0.41	ug/L			11/11/24 12:05	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 12:05	1
Chloroethane	<0.47		5.0	0.47	ug/L			11/11/24 12:05	1
Chloroform	<0.92		2.0	0.92	ug/L			11/11/24 12:05	1
Chloromethane	<0.79		5.0	0.79	ug/L			11/11/24 12:05	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			11/11/24 12:05	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			11/11/24 12:05	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			11/11/24 12:05	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			11/11/24 12:05	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			11/11/24 12:05	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			11/11/24 12:05	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			11/11/24 12:05	1
Dibromomethane	<0.58		1.0	0.58	ug/L			11/11/24 12:05	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			11/11/24 12:05	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/11/24 12:05	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/11/24 12:05	1
Dichlorobromomethane	<0.57		1.0	0.57	ug/L			11/11/24 12:05	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			11/11/24 12:05	1

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-794711/8
Matrix: Water
Analysis Batch: 794711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			11/11/24 12:05	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			11/11/24 12:05	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			11/11/24 12:05	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			11/11/24 12:05	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			11/11/24 12:05	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			11/11/24 12:05	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			11/11/24 12:05	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			11/11/24 12:05	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			11/11/24 12:05	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			11/11/24 12:05	1
Isopropyl ether	<0.38		1.0	0.38	ug/L			11/11/24 12:05	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			11/11/24 12:05	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			11/11/24 12:05	1
Naphthalene	<0.44		1.0	0.44	ug/L			11/11/24 12:05	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			11/11/24 12:05	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			11/11/24 12:05	1
p-Isopropyltoluene	<0.29		1.0	0.29	ug/L			11/11/24 12:05	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			11/11/24 12:05	1
Styrene	<0.31		1.0	0.31	ug/L			11/11/24 12:05	1
tert-Butylbenzene	<0.26		1.0	0.26	ug/L			11/11/24 12:05	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			11/11/24 12:05	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			11/11/24 12:05	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			11/11/24 12:05	1
Toluene	<0.21		0.50	0.21	ug/L			11/11/24 12:05	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			11/11/24 12:05	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			11/11/24 12:05	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			11/11/24 12:05	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			11/11/24 12:05	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			11/11/24 12:05	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			11/11/24 12:05	1
Trichloroethene	<0.15		0.50	0.15	ug/L			11/11/24 12:05	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			11/11/24 12:05	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			11/11/24 12:05	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/11/24 12:05	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			11/11/24 12:05	1
Vinyl chloride	<0.47		1.0	0.47	ug/L			11/11/24 12:05	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			11/11/24 12:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*11/11/24 12:05*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/11/24 12:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*11/11/24 12:05*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*11/11/24 12:05*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-794711/4
Matrix: Water
Analysis Batch: 794711

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	49.7		ug/L		99	70 - 120
Bromobenzene	50.0	48.1		ug/L		96	70 - 122
Bromochloromethane	50.0	47.3		ug/L		95	65 - 122
Bromoform	50.0	46.3		ug/L		93	56 - 132
Bromomethane	50.0	59.3		ug/L		119	40 - 152
Carbon tetrachloride	50.0	50.9		ug/L		102	59 - 133
Chlorobenzene	50.0	47.1		ug/L		94	70 - 120
Chloroethane	50.0	52.6		ug/L		105	48 - 136
Chloroform	50.0	48.6		ug/L		97	70 - 120
Chloromethane	50.0	48.5		ug/L		97	56 - 152
2-Chlorotoluene	50.0	50.2		ug/L		100	70 - 125
4-Chlorotoluene	50.0	49.9		ug/L		100	68 - 124
cis-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 125
cis-1,3-Dichloropropene	50.0	50.8		ug/L		102	64 - 127
Dibromochloromethane	50.0	49.3		ug/L		99	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.6		ug/L		99	56 - 123
1,2-Dibromoethane (EDB)	50.0	49.7		ug/L		99	70 - 125
Dibromomethane	50.0	47.5		ug/L		95	70 - 120
1,2-Dichlorobenzene	50.0	45.9		ug/L		92	70 - 125
1,3-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 125
1,4-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 120
Dichlorobromomethane	50.0	48.6		ug/L		97	69 - 120
Dichlorodifluoromethane	50.0	56.9		ug/L		114	40 - 159
1,1-Dichloroethane	50.0	54.8		ug/L		110	70 - 125
1,2-Dichloroethane	50.0	53.6		ug/L		107	68 - 127
1,1-Dichloroethene	50.0	50.5		ug/L		101	67 - 122
1,2-Dichloropropane	50.0	52.7		ug/L		105	67 - 130
1,3-Dichloropropane	50.0	51.0		ug/L		102	62 - 136
2,2-Dichloropropane	50.0	54.8		ug/L		110	58 - 139
1,1-Dichloropropene	50.0	53.0		ug/L		106	70 - 121
Ethylbenzene	50.0	50.6		ug/L		101	70 - 123
Hexachlorobutadiene	50.0	49.3		ug/L		99	51 - 150
Isopropylbenzene	50.0	50.4		ug/L		101	70 - 126
Methylene Chloride	50.0	52.6		ug/L		105	69 - 125
Methyl tert-butyl ether	50.0	51.3		ug/L		103	55 - 123
Naphthalene	50.0	45.9		ug/L		92	53 - 144
n-Butylbenzene	50.0	49.5		ug/L		99	68 - 125
N-Propylbenzene	50.0	49.6		ug/L		99	69 - 127
p-Isopropyltoluene	50.0	47.6		ug/L		95	70 - 125
sec-Butylbenzene	50.0	48.8		ug/L		98	70 - 123
Styrene	50.0	50.5		ug/L		101	70 - 120
tert-Butylbenzene	50.0	46.9		ug/L		94	70 - 121
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/L		94	70 - 125
1,1,2,2-Tetrachloroethane	50.0	52.5		ug/L		105	62 - 140
Tetrachloroethene	50.0	47.0		ug/L		94	70 - 128
Toluene	50.0	50.2		ug/L		100	70 - 125
trans-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-794711/4
Matrix: Water
Analysis Batch: 794711

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			50.0	51.2		ug/L		102	62 - 128		
1,2,3-Trichlorobenzene			50.0	42.5		ug/L		85	51 - 145		
1,2,4-Trichlorobenzene			50.0	43.7		ug/L		87	57 - 137		
1,1,1-Trichloroethane			50.0	51.4		ug/L		103	70 - 125		
1,1,2-Trichloroethane			50.0	50.2		ug/L		100	71 - 130		
Trichloroethene			50.0	47.3		ug/L		95	70 - 125		
Trichlorofluoromethane			50.0	52.2		ug/L		104	55 - 128		
1,2,3-Trichloropropane			50.0	51.8		ug/L		104	50 - 133		
1,2,4-Trimethylbenzene			50.0	49.9		ug/L		100	70 - 123		
1,3,5-Trimethylbenzene			50.0	50.0		ug/L		100	70 - 123		
Vinyl chloride			50.0	52.6		ug/L		105	64 - 126		
Xylenes, Total			100	99.5		ug/L		99	70 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: LCSD 500-794711/5
Matrix: Water
Analysis Batch: 794711

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			50.0	49.7		ug/L		99	70 - 120	0	20
Bromobenzene			50.0	48.7		ug/L		97	70 - 122	1	20
Bromochloromethane			50.0	46.6		ug/L		93	65 - 122	1	20
Bromoform			50.0	47.0		ug/L		94	56 - 132	1	20
Bromomethane			50.0	60.1		ug/L		120	40 - 152	1	20
Carbon tetrachloride			50.0	50.2		ug/L		100	59 - 133	1	20
Chlorobenzene			50.0	46.8		ug/L		94	70 - 120	1	20
Chloroethane			50.0	50.9		ug/L		102	48 - 136	3	20
Chloroform			50.0	48.1		ug/L		96	70 - 120	1	20
Chloromethane			50.0	48.0		ug/L		96	56 - 152	1	20
2-Chlorotoluene			50.0	50.1		ug/L		100	70 - 125	0	20
4-Chlorotoluene			50.0	50.5		ug/L		101	68 - 124	1	20
cis-1,2-Dichloroethene			50.0	47.8		ug/L		96	70 - 125	3	20
cis-1,3-Dichloropropene			50.0	51.0		ug/L		102	64 - 127	0	20
Dibromochloromethane			50.0	49.4		ug/L		99	68 - 125	0	20
1,2-Dibromo-3-Chloropropane			50.0	52.7		ug/L		105	56 - 123	6	20
1,2-Dibromoethane (EDB)			50.0	49.7		ug/L		99	70 - 125	0	20
Dibromomethane			50.0	47.9		ug/L		96	70 - 120	1	20
1,2-Dichlorobenzene			50.0	46.6		ug/L		93	70 - 125	1	20
1,3-Dichlorobenzene			50.0	45.7		ug/L		91	70 - 125	1	20
1,4-Dichlorobenzene			50.0	45.7		ug/L		91	70 - 120	2	20
Dichlorobromomethane			50.0	48.0		ug/L		96	69 - 120	1	20
Dichlorodifluoromethane			50.0	55.0		ug/L		110	40 - 159	3	20

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - East Block
40441

Job ID: 500-259416-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-794711/5
Matrix: Water
Analysis Batch: 794711

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			50.0	53.9		ug/L		108	70 - 125	2	20
1,2-Dichloroethane			50.0	53.3		ug/L		107	68 - 127	1	20
1,1-Dichloroethene			50.0	50.4		ug/L		101	67 - 122	0	20
1,2-Dichloropropane			50.0	51.6		ug/L		103	67 - 130	2	20
1,3-Dichloropropane			50.0	51.1		ug/L		102	62 - 136	0	20
2,2-Dichloropropane			50.0	54.5		ug/L		109	58 - 139	1	20
1,1-Dichloropropene			50.0	51.8		ug/L		104	70 - 121	2	20
Ethylbenzene			50.0	50.4		ug/L		101	70 - 123	0	20
Hexachlorobutadiene			50.0	49.7		ug/L		99	51 - 150	1	20
Isopropylbenzene			50.0	51.2		ug/L		102	70 - 126	2	20
Methylene Chloride			50.0	51.3		ug/L		103	69 - 125	2	20
Methyl tert-butyl ether			50.0	50.7		ug/L		101	55 - 123	1	20
Naphthalene			50.0	49.0		ug/L		98	53 - 144	6	20
n-Butylbenzene			50.0	49.5		ug/L		99	68 - 125	0	20
N-Propylbenzene			50.0	49.8		ug/L		100	69 - 127	0	20
p-Isopropyltoluene			50.0	47.7		ug/L		95	70 - 125	0	20
sec-Butylbenzene			50.0	48.9		ug/L		98	70 - 123	0	20
Styrene			50.0	49.9		ug/L		100	70 - 120	1	20
tert-Butylbenzene			50.0	47.6		ug/L		95	70 - 121	1	20
1,1,1,2-Tetrachloroethane			50.0	46.4		ug/L		93	70 - 125	1	20
1,1,2,2-Tetrachloroethane			50.0	54.0		ug/L		108	62 - 140	3	20
Tetrachloroethene			50.0	46.4		ug/L		93	70 - 128	1	20
Toluene			50.0	49.3		ug/L		99	70 - 125	2	20
trans-1,2-Dichloroethene			50.0	49.0		ug/L		98	70 - 125	3	20
trans-1,3-Dichloropropene			50.0	50.9		ug/L		102	62 - 128	1	20
1,2,3-Trichlorobenzene			50.0	44.8		ug/L		90	51 - 145	5	20
1,2,4-Trichlorobenzene			50.0	45.2		ug/L		90	57 - 137	3	20
1,1,1-Trichloroethane			50.0	50.5		ug/L		101	70 - 125	2	20
1,1,2-Trichloroethane			50.0	50.2		ug/L		100	71 - 130	0	20
Trichloroethene			50.0	46.7		ug/L		93	70 - 125	1	20
Trichlorofluoromethane			50.0	51.2		ug/L		102	55 - 128	2	20
1,2,3-Trichloropropane			50.0	54.3		ug/L		109	50 - 133	5	20
1,2,4-Trimethylbenzene			50.0	50.3		ug/L		101	70 - 123	1	20
1,3,5-Trimethylbenzene			50.0	50.1		ug/L		100	70 - 123	0	20
Vinyl chloride			50.0	53.1		ug/L		106	64 - 126	1	20
Xylenes, Total			100	97.9		ug/L		98	70 - 125	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*
Toluene-d8 (Surr)	*104*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-794908/7
Matrix: Water
Analysis Batch: 794908

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			11/12/24 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*11/12/24 10:41*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/12/24 10:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*11/12/24 10:41*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*11/12/24 10:41*	*1*

Lab Sample ID: LCS 500-794908/4
Matrix: Water
Analysis Batch: 794908

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trimethylbenzene			50.0	58.2		ug/L		116	70 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*
Toluene-d8 (Surr)	*109*		*75 - 120*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-731193/1-A
Matrix: Water
Analysis Batch: 731330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731193

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.10		0.20	0.10	ug/L		11/05/24 09:09	11/06/24 11:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*15 - 110*	*11/05/24 09:09*	*11/06/24 11:25*	*1*

Lab Sample ID: LCS 480-731193/2-A
Matrix: Water
Analysis Batch: 731330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731193

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			2.00	2.24		ug/L		112	40 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*36*		*15 - 110*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCSD 480-731193/3-A
Matrix: Water
Analysis Batch: 731330

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 731193

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			2.00	2.24		ug/L		112	40 - 140	0	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*15 - 110*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-793937/1-A
Matrix: Water
Analysis Batch: 794111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 793937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		11/05/24 10:59	11/06/24 11:27	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		11/05/24 10:59	11/06/24 11:27	1
Anthracene	<0.27		0.80	0.27	ug/L		11/05/24 10:59	11/06/24 11:27	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		11/05/24 10:59	11/06/24 11:27	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		11/05/24 10:59	11/06/24 11:27	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		11/05/24 10:59	11/06/24 11:27	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		11/05/24 10:59	11/06/24 11:27	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		11/05/24 10:59	11/06/24 11:27	1
Chrysene	<0.055		0.16	0.055	ug/L		11/05/24 10:59	11/06/24 11:27	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		11/05/24 10:59	11/06/24 11:27	1
Fluoranthene	<0.36		0.80	0.36	ug/L		11/05/24 10:59	11/06/24 11:27	1
Fluorene	<0.20		0.80	0.20	ug/L		11/05/24 10:59	11/06/24 11:27	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		11/05/24 10:59	11/06/24 11:27	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		11/05/24 10:59	11/06/24 11:27	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		11/05/24 10:59	11/06/24 11:27	1
Naphthalene	<0.25		0.80	0.25	ug/L		11/05/24 10:59	11/06/24 11:27	1
Phenanthrene	<0.24		0.80	0.24	ug/L		11/05/24 10:59	11/06/24 11:27	1
Pyrene	<0.34		0.80	0.34	ug/L		11/05/24 10:59	11/06/24 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*34 - 110*	*11/05/24 10:59*	*11/06/24 11:27*	*1*
Nitrobenzene-d5 (Surr)	*70*		*36 - 120*	*11/05/24 10:59*	*11/06/24 11:27*	*1*
Terphenyl-d14 (Surr)	*89*		*40 - 145*	*11/05/24 10:59*	*11/06/24 11:27*	*1*

Lab Sample ID: LCS 500-793937/2-A
Matrix: Water
Analysis Batch: 794111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 793937

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			40.0	27.5		ug/L		69	46 - 110		
Acenaphthylene			40.0	29.6		ug/L		74	47 - 113		
Anthracene			40.0	35.3		ug/L		88	67 - 118		
Benzo[a]anthracene			40.0	34.7		ug/L		87	70 - 126		
Benzo[a]pyrene			40.0	41.0		ug/L		102	70 - 135		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-793937/2-A
Matrix: Water
Analysis Batch: 794111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 793937

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[b]fluoranthene			40.0	39.5		ug/L		99	69 - 136		
Benzo[g,h,i]perylene			40.0	47.6		ug/L		119	70 - 135		
Benzo[k]fluoranthene			40.0	37.6		ug/L		94	70 - 133		
Chrysene			40.0	36.0		ug/L		90	68 - 129		
Dibenz(a,h)anthracene			40.0	44.6		ug/L		112	70 - 134		
Fluoranthene			40.0	41.6		ug/L		104	68 - 126		
Fluorene			40.0	31.8		ug/L		79	53 - 120		
Indeno[1,2,3-cd]pyrene			40.0	47.2		ug/L		118	65 - 133		
1-Methylnaphthalene			40.0	26.4		ug/L		66	38 - 110		
2-Methylnaphthalene			40.0	22.5		ug/L		56	34 - 110		
Naphthalene			40.0	25.3		ug/L		63	36 - 110		
Phenanthrene			40.0	34.6		ug/L		86	65 - 120		
Pyrene			40.0	32.6		ug/L		81	70 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*69*		*34 - 110*
Nitrobenzene-d5 (Surr)	*69*		*36 - 120*
Terphenyl-d14 (Surr)	*86*		*40 - 145*

Lab Sample ID: LCSD 500-793937/3-A
Matrix: Water
Analysis Batch: 794111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 793937

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			40.0	29.1		ug/L		73	46 - 110	6	20
Acenaphthylene			40.0	31.1		ug/L		78	47 - 113	5	20
Anthracene			40.0	36.9		ug/L		92	67 - 118	5	20
Benzo[a]anthracene			40.0	36.6		ug/L		92	70 - 126	5	20
Benzo[a]pyrene			40.0	42.7		ug/L		107	70 - 135	4	20
Benzo[b]fluoranthene			40.0	42.4		ug/L		106	69 - 136	7	20
Benzo[g,h,i]perylene			40.0	50.4		ug/L		126	70 - 135	6	20
Benzo[k]fluoranthene			40.0	41.0		ug/L		102	70 - 133	8	20
Chrysene			40.0	38.0		ug/L		95	68 - 129	5	20
Dibenz(a,h)anthracene			40.0	49.4		ug/L		124	70 - 134	10	20
Fluoranthene			40.0	43.9		ug/L		110	68 - 126	5	20
Fluorene			40.0	32.8		ug/L		82	53 - 120	3	20
Indeno[1,2,3-cd]pyrene			40.0	49.8		ug/L		124	65 - 133	5	20
1-Methylnaphthalene			40.0	28.2		ug/L		71	38 - 110	7	20
2-Methylnaphthalene			40.0	24.2		ug/L		61	34 - 110	7	20
Naphthalene			40.0	26.9		ug/L		67	36 - 110	6	20
Phenanthrene			40.0	35.0		ug/L		88	65 - 120	1	20
Pyrene			40.0	35.6		ug/L		89	70 - 126	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*72*		*34 - 110*
Nitrobenzene-d5 (Surr)	*69*		*36 - 120*
Terphenyl-d14 (Surr)	*89*		*40 - 145*

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-794049/1-A
Matrix: Water
Analysis Batch: 794113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 794049

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		11/06/24 07:22	11/06/24 12:36	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		11/06/24 07:22	11/06/24 12:36	1
Anthracene	<0.27		0.80	0.27	ug/L		11/06/24 07:22	11/06/24 12:36	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		11/06/24 07:22	11/06/24 12:36	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		11/06/24 07:22	11/06/24 12:36	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		11/06/24 07:22	11/06/24 12:36	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		11/06/24 07:22	11/06/24 12:36	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		11/06/24 07:22	11/06/24 12:36	1
Chrysene	<0.055		0.16	0.055	ug/L		11/06/24 07:22	11/06/24 12:36	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		11/06/24 07:22	11/06/24 12:36	1
Fluoranthene	<0.36		0.80	0.36	ug/L		11/06/24 07:22	11/06/24 12:36	1
Fluorene	<0.20		0.80	0.20	ug/L		11/06/24 07:22	11/06/24 12:36	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		11/06/24 07:22	11/06/24 12:36	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		11/06/24 07:22	11/06/24 12:36	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		11/06/24 07:22	11/06/24 12:36	1
Naphthalene	<0.25		0.80	0.25	ug/L		11/06/24 07:22	11/06/24 12:36	1
Phenanthrene	<0.24		0.80	0.24	ug/L		11/06/24 07:22	11/06/24 12:36	1
Pyrene	<0.34		0.80	0.34	ug/L		11/06/24 07:22	11/06/24 12:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*49*		*34 - 110*	*11/06/24 07:22*	*11/06/24 12:36*	*1*
Nitrobenzene-d5 (Surr)	*57*		*36 - 120*	*11/06/24 07:22*	*11/06/24 12:36*	*1*
Terphenyl-d14 (Surr)	*70*		*40 - 145*	*11/06/24 07:22*	*11/06/24 12:36*	*1*

Lab Sample ID: LCS 500-794049/2-A
Matrix: Water
Analysis Batch: 794113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 794049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	40.0	20.9		ug/L		52	46 - 110
Acenaphthylene	40.0	22.6		ug/L		56	47 - 113
Anthracene	40.0	27.8		ug/L		70	67 - 118
Benzo[a]anthracene	40.0	27.9		ug/L		70	70 - 126
Benzo[a]pyrene	40.0	31.3		ug/L		78	70 - 135
Benzo[b]fluoranthene	40.0	31.0		ug/L		78	69 - 136
Benzo[g,h,i]perylene	40.0	33.0		ug/L		83	70 - 135
Benzo[k]fluoranthene	40.0	31.8		ug/L		80	70 - 133
Chrysene	40.0	28.0		ug/L		70	68 - 129
Dibenz(a,h)anthracene	40.0	31.8		ug/L		79	70 - 134
Fluoranthene	40.0	30.7		ug/L		77	68 - 126
Fluorene	40.0	23.5		ug/L		59	53 - 120
Indeno[1,2,3-cd]pyrene	40.0	30.7		ug/L		77	65 - 133
1-Methylnaphthalene	40.0	16.9		ug/L		42	38 - 110
2-Methylnaphthalene	40.0	14.4		ug/L		36	34 - 110
Naphthalene	40.0	16.3		ug/L		41	36 - 110
Phenanthrene	40.0	27.5		ug/L		69	65 - 120
Pyrene	40.0	26.9	*-	ug/L		67	70 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-794049/2-A
Matrix: Water
Analysis Batch: 794113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 794049

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	60		34 - 110
Nitrobenzene-d5 (Surr)	66		36 - 120
Terphenyl-d14 (Surr)	71		40 - 145

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-794181/1-A
Matrix: Water
Analysis Batch: 794393

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 794181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.17		1.0	0.17	ug/L		11/06/24 13:47	11/07/24 15:45	1
PCB-1221	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 15:45	1
PCB-1232	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 15:45	1
PCB-1242	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 15:45	1
PCB-1248	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 15:45	1
PCB-1254	<0.50		1.0	0.50	ug/L		11/06/24 13:47	11/07/24 15:45	1
PCB-1260	<0.18		1.0	0.18	ug/L		11/06/24 13:47	11/07/24 15:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		30 - 120	11/06/24 13:47	11/07/24 15:45	1
DCB Decachlorobiphenyl	55		30 - 140	11/06/24 13:47	11/07/24 15:45	1

Lab Sample ID: LCS 500-794181/4-A
Matrix: Water
Analysis Batch: 794393

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 794181

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			4.00	3.06		ug/L		76	56 - 120		
PCB-1260			4.00	3.04		ug/L		76	53 - 137		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	69		30 - 120
DCB Decachlorobiphenyl	72		30 - 140

Lab Sample ID: LCSD 500-794181/5-A
Matrix: Water
Analysis Batch: 794393

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 794181

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			4.00	2.92		ug/L		73	56 - 120	5	20
PCB-1260			4.00	3.04		ug/L		76	53 - 137	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	69		30 - 120
DCB Decachlorobiphenyl	72		30 - 140

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-795273/2-A
Matrix: Water
Analysis Batch: 795512

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 795273

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	106		ug/L		106	80 - 120
Barium	500	532		ug/L		106	80 - 120
Cadmium	50.0	53.6		ug/L		107	80 - 120
Chromium	200	210		ug/L		105	80 - 120
Lead	100	105		ug/L		105	80 - 120
Selenium	100	108		ug/L		108	80 - 120
Silver	50.0	54.2		ug/L		108	80 - 120

Lab Sample ID: MB 500-795226/8-B
Matrix: Water
Analysis Batch: 795512

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 795273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.23		1.0	0.23	ug/L		11/14/24 07:45	11/14/24 17:14	1
Barium	<0.73		2.5	0.73	ug/L		11/14/24 07:45	11/14/24 17:14	1
Cadmium	<0.17		0.50	0.17	ug/L		11/14/24 07:45	11/14/24 17:14	1
Chromium	<1.1		5.0	1.1	ug/L		11/14/24 07:45	11/14/24 17:14	1
Lead	<0.19		0.50	0.19	ug/L		11/14/24 07:45	11/14/24 17:14	1
Selenium	<0.98		2.5	0.98	ug/L		11/14/24 07:45	11/14/24 17:14	1
Silver	<0.12		0.50	0.12	ug/L		11/14/24 07:45	11/14/24 17:14	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-796197/12-A
Matrix: Water
Analysis Batch: 796326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 796197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:05	1

Lab Sample ID: LCS 500-796197/14-A
Matrix: Water
Analysis Batch: 796326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 796197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.03		ug/L		102	80 - 120

Lab Sample ID: LCSD 500-796197/15-A
Matrix: Water
Analysis Batch: 796326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 796197

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	2.00	1.73		ug/L		87	80 - 120	16	20

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 500-796198/1-B
Matrix: Water
Analysis Batch: 796326

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 796197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.076		0.20	0.076	ug/L		11/20/24 09:30	11/20/24 14:07	1

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-2
Lab Sample ID: 500-259416-1
Date Collected: 10/30/24 10:35
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794711	W1T	EET CHI	11/11/24 19:21
Total/NA	Prep	3510C			731193	JMP	EET BUF	11/05/24 09:09
Total/NA	Analysis	8270D SIM ID		1	731330	JMM	EET BUF	11/06/24 15:01
Total/NA	Prep	3510C			793937	AC	EET CHI	11/05/24 10:59
Total/NA	Analysis	8270E		1	794111	H7CM	EET CHI	11/06/24 17:36
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		1	794393	H7CM	EET CHI	11/07/24 17:04
Dissolved	Filtration	FILTRATION			795226	BDE	EET CHI	11/13/24 15:02
Dissolved	Prep	3005A			795273	DAJ	EET CHI	11/14/24 07:45 - 11/14/24 07:45 [1]
Dissolved	Analysis	6020B		1	795512	RN	EET CHI	11/14/24 17:16
Dissolved	Filtration	FILTRATION			796198	S1Z	EET CHI	11/20/24 08:28
Dissolved	Prep	7470A			796197	S1Z	EET CHI	11/20/24 09:30 - 11/20/24 11:30 [1]
Dissolved	Analysis	7470A		1	796326	S1Z	EET CHI	11/20/24 14:13

Client Sample ID: EB-MW-4RR
Lab Sample ID: 500-259416-2
Date Collected: 10/30/24 15:00
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794660	W1T	EET CHI	11/10/24 13:42
Total/NA	Prep	3510C			731193	JMP	EET BUF	11/05/24 09:09
Total/NA	Analysis	8270D SIM ID		1	731330	JMM	EET BUF	11/06/24 15:22
Total/NA	Prep	3510C			793937	AC	EET CHI	11/05/24 10:59
Total/NA	Analysis	8270E		20	794301	H7CM	EET CHI	11/07/24 14:50
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		10	794532	H7CM	EET CHI	11/08/24 12:03
Dissolved	Filtration	FILTRATION			795226	BDE	EET CHI	11/13/24 15:02
Dissolved	Prep	3005A			795273	DAJ	EET CHI	11/14/24 07:45 - 11/14/24 07:45 [1]
Dissolved	Analysis	6020B		1	795512	RN	EET CHI	11/14/24 17:19
Dissolved	Filtration	FILTRATION			796198	S1Z	EET CHI	11/20/24 08:28
Dissolved	Prep	7470A			796197	S1Z	EET CHI	11/20/24 09:30 - 11/20/24 11:30 [1]
Dissolved	Analysis	7470A		1	796326	S1Z	EET CHI	11/20/24 14:15

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-3
Date Collected: 10/30/24 16:00
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794660	W1T	EET CHI	11/10/24 14:05
Total/NA	Prep	3510C			793937	AC	EET CHI	11/05/24 10:59
Total/NA	Analysis	8270E		1	794111	H7CM	EET CHI	11/06/24 18:19
Dissolved	Filtration	FILTRATION			795226	BDE	EET CHI	11/13/24 15:02
Dissolved	Prep	3005A			795273	DAJ	EET CHI	11/14/24 07:45 - 11/14/24 07:45 [1]
Dissolved	Analysis	6020B		1	795512	RN	EET CHI	11/14/24 17:21

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-3
Date Collected: 10/30/24 16:00
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			796198	S1Z	EET CHI	11/20/24 08:28
Dissolved	Prep	7470A			796197	S1Z	EET CHI	11/20/24 09:30 - 11/20/24 11:30 [1]
Dissolved	Analysis	7470A		1	796326	S1Z	EET CHI	11/20/24 14:17

Client Sample ID: EB-MW-6
Lab Sample ID: 500-259416-4
Date Collected: 10/30/24 14:26
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794660	W1T	EET CHI	11/10/24 14:29
Total/NA	Prep	3510C			793937	AC	EET CHI	11/05/24 10:59
Total/NA	Analysis	8270E		1	794111	H7CM	EET CHI	11/06/24 18:41

Client Sample ID: EB-MW-8
Lab Sample ID: 500-259416-5
Date Collected: 10/30/24 13:30
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794660	W1T	EET CHI	11/10/24 14:52
Total/NA	Prep	3510C			793937	AC	EET CHI	11/05/24 10:59
Total/NA	Analysis	8270E		1	794111	H7CM	EET CHI	11/06/24 19:03
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		1	794393	H7CM	EET CHI	11/07/24 17:31
Dissolved	Filtration	FILTRATION			795226	BDE	EET CHI	11/13/24 15:02
Dissolved	Prep	3005A			795273	DAJ	EET CHI	11/14/24 07:45 - 11/14/24 07:45 [1]
Dissolved	Analysis	6020B		1	795512	RN	EET CHI	11/14/24 17:23
Dissolved	Filtration	FILTRATION			796198	S1Z	EET CHI	11/20/24 08:28
Dissolved	Prep	7470A			796197	S1Z	EET CHI	11/20/24 09:30 - 11/20/24 11:30 [1]
Dissolved	Analysis	7470A		1	796326	S1Z	EET CHI	11/20/24 14:19

Client Sample ID: EB-MW-9
Lab Sample ID: 500-259416-6
Date Collected: 10/30/24 13:20
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794660	W1T	EET CHI	11/10/24 15:15
Total/NA	Prep	3510C			793937	AC	EET CHI	11/05/24 10:59
Total/NA	Analysis	8270E		1	794111	H7CM	EET CHI	11/06/24 19:24
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		1	794393	H7CM	EET CHI	11/07/24 17:44
Dissolved	Filtration	FILTRATION			795226	BDE	EET CHI	11/13/24 15:02
Dissolved	Prep	3005A			795273	DAJ	EET CHI	11/14/24 07:45 - 11/14/24 07:45 [1]
Dissolved	Analysis	6020B		1	795512	RN	EET CHI	11/14/24 17:26

Client Sample ID: EB-MW-9
Lab Sample ID: 500-259416-6
Date Collected: 10/30/24 13:20
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			796198	S1Z	EET CHI	11/20/24 08:28
Dissolved	Prep	7470A			796197	S1Z	EET CHI	11/20/24 09:30 - 11/20/24 11:30 [1]
Dissolved	Analysis	7470A		1	796326	S1Z	EET CHI	11/20/24 14:22

Client Sample ID: EB-MW-10
Lab Sample ID: 500-259416-7
Date Collected: 10/30/24 11:50
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794660	W1T	EET CHI	11/10/24 15:38
Total/NA	Analysis	8260D	DL	10	794711	W1T	EET CHI	11/11/24 18:57
Total/NA	Prep	3510C			794049	AC	EET CHI	11/06/24 07:22
Total/NA	Analysis	8270E		1	794113	H7CM	EET CHI	11/06/24 14:02
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		1	794393	H7CM	EET CHI	11/07/24 17:57
Dissolved	Filtration	FILTRATION			795226	BDE	EET CHI	11/13/24 15:02
Dissolved	Prep	3005A			795273	DAJ	EET CHI	11/14/24 07:45 - 11/14/24 07:45 [1]
Dissolved	Analysis	6020B		1	795512	RN	EET CHI	11/14/24 17:33
Dissolved	Filtration	FILTRATION			796198	S1Z	EET CHI	11/20/24 08:28
Dissolved	Prep	7470A			796197	S1Z	EET CHI	11/20/24 09:30 - 11/20/24 11:30 [1]
Dissolved	Analysis	7470A		1	796326	S1Z	EET CHI	11/20/24 14:24

Client Sample ID: Duplicate-1
Lab Sample ID: 500-259416-8
Date Collected: 10/30/24 00:00
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794711	W1T	EET CHI	11/11/24 16:34
Total/NA	Analysis	8260D	DL	10	794908	SW1	EET CHI	11/12/24 16:53

Client Sample ID: Trip Blank
Lab Sample ID: 500-259416-9
Date Collected: 10/30/24 00:00
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	794711	W1T	EET CHI	11/11/24 16:57

Client Sample ID: EB-MW-4RR
Lab Sample ID: 500-259416-10
Date Collected: 10/31/24 09:30
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			731193	JMP	EET BUF	11/05/24 09:09
Total/NA	Analysis	8270D SIM ID		1	731330	JMM	EET BUF	11/06/24 15:43

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Client Sample ID: EB-MW-4RR
Lab Sample ID: 500-259416-10
Date Collected: 10/31/24 09:30
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		10	794532	H7CM	EET CHI	11/08/24 12:16

Client Sample ID: EB-MW-5
Lab Sample ID: 500-259416-11
Date Collected: 10/31/24 09:17
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			794181	LG	EET CHI	11/06/24 13:47
Total/NA	Analysis	8082A		1	794393	H7CM	EET CHI	11/07/24 18:24

Client Sample ID: EB-MW-6
Lab Sample ID: 500-259416-12
Date Collected: 10/31/24 09:07
Matrix: Water
Date Received: 11/01/24 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			731193	JMP	EET BUF	11/05/24 09:09
Total/NA	Analysis	8270D SIM ID		1	731330	JMM	EET BUF	11/06/24 16:04

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-25

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998310390	08-31-25

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-259416-1

Login Number: 259416
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.3,-0.5 Samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-259416-1

Login Number: 259416
List Number: 2
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo
List Creation: 11/04/24 10:15 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.6 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Isotope Dilution Summary

Client: K. Singh & Associates, Inc
Job ID: 500-259416-1
Project/Site: Community Within the Corridor - East Block
40441

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DXE (15-110)							
500-259416-1	EB-MW-2	49							
500-259416-2	EB-MW-4RR	51							
500-259416-10	EB-MW-4RR	48							
500-259416-12	EB-MW-6	61							
LCS 480-731193/2-A	Lab Control Sample	36							
LCSD 480-731193/3-A	Lab Control Sample Dup	33							
MB 480-731193/1-A	Method Blank	30							

Surrogate Legend

DXE = 1,4-Dioxane-d8