

April 3, 2024

Ms. Jennifer Dorman
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

Project # 40443A

Subject: **Groundwater Monitoring Data Transmittal
Community Within the Corridor – West Block
3212 W. Center St., 2727 N. 32nd St., and 2758 N. 33rd St., Milwaukee, WI 53210
BRRTS #: 02-41-587376, FID #: 341333190**

Dear Ms. Dorman:

On behalf of the Community Within the Corridor Limited Partnership (CWC), K. Singh & Associates, Inc. (KSingh) prepared this *Groundwater Monitoring Data Transmittal* for the above referenced site. A site location map is presented as Figure 1, and the groundwater monitoring well locations are presented on Figure 2.

Groundwater Sampling

On March 1, 2024, groundwater sampling was completed for five (5) of the six (6), on-site groundwater monitoring wells (WB-MW-1, WB-MW-2R, WB-MW-4, WB-MW-5, and WB-MW-6). Groundwater monitoring well WB-MW-3R was dry.

Prior to groundwater sampling, the monitoring wells expandable caps were removed, and groundwater allowed to equilibrate prior to the measurement of 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 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 in accordance with 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 were analyzed for volatile organic compounds (VOCs) using EPA Method 8260D. The trip blank which accompanied the samples was also analyzed for VOCs.

Purge water from the March 1, 2024, sampling event was placed in a labeled 55-gallon drum which is staged on-site pending disposal.

Site Hydrogeology

The March 1, 2024, static water levels in the groundwater monitoring wells ranged from approximately 18.70 feet below top of PVC casing (TOC) in WB-MW-1 to 32.21 feet below TOC in WB-MW-6, or 666.66 and 653.53 feet mean sea level, respectively. A groundwater contour map, generated from March 1, 2024, static water levels is presented as Figure 3.

Overall groundwater flow direction across the site is to the southeast, from WB-MW-1 which is located on the northwest corner of the site, towards WB-MW-5 which is located near the southeastern corner of the site, at an approximate horizontal hydraulic gradient of 0.010 feet/foot (ft/ft). However, there is a local depression/sink in the area surrounding WB-MW-2R and WB-MW-6. Groundwater depths in this area appear to be influenced by a cistern/tank (10'x 32' x 10') which is used to store water for irrigation purposes, and a storm drain. Groundwater flow is to the southeast from WB-MW-1 on northwest corner towards WB-MW-2R and WB-MW-6 at a horizontal hydraulic gradient of approximately 0.034 ft/ft, and flow is to the north from WB-MW-5 towards WB-MW-6 at an approximate horizontal hydraulic gradient of 0.021 ft/ft. Based on literature hydraulic conductivities for clay and glacial till, and presented in K Singh's *Site Investigation Report* dated September 22, 2021, it is estimated that groundwater is flowing southeast at a range of less than one foot to 5 feet/year.

Groundwater Regulatory Criteria and Analytical Results

Groundwater analytical results are summarized in the attached Table 2. The laboratory reports and chain-of-custody forms are included in Attachment B.

The Wisconsin Department of Natural Resources (WDNR) has established groundwater quality standards, which are set forth in NR 140, Wisconsin Administrative Code (WAC). For each regulated compound, two standards have been established, the Enforcement Standard (ES) and the Preventive Action Limit (PAL). In general, if the regulated contaminant exceeds the PAL, but is below the ES, the WDNR may require additional investigation/continued monitoring. If the regulated contaminant is above its ES, the WDNR may require additional investigation, continued monitoring, and/or remediation.

VOCs were not detected at concentrations above analytical method detection limits (MDLs) in the groundwater samples collected from groundwater monitoring wells WB-MW-1, WB-MW-2R, WB-MW-4, WB-MW-5, and WB-MW-6, with the exception of methylene chloride, a common laboratory contaminant. Methylene chloride was detected in all five (5) samples, and the trip blank, at estimated concentrations between its reporting limit (RL) and MDL. The laboratory also qualified that methylene chloride was found in the blank and samples.

Conclusions and Recommendation

Groundwater monitoring of the site was initiated in June 2021, and five (5) rounds of sampling performed for monitoring wells WB-MW-1, WB-MW-2/2R, WB-MW-4, and WB-MW-5, and three (3) rounds performed on WB-MW-6 for VOC analysis. Two (2) or three (3) rounds of sampling for PCB analysis were performed, and one (1) round of sampling for PAHs and RCRA metals analysis was performed in November/December 2023. The following conclusions are presented:

- PAHs and PCBs were not detected at concentrations above MDLs,
- RCRA metals were not detected at concentrations above WAC, NR 140 ESs,

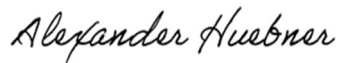
- Vinyl chloride is the only VOC detected at concentrations above WAC, NR 140 standards. Vinyl chloride was detected in WB-MW-4 at estimated concentrations between its RL and MDL, ranging from 0.29 to 0.68 ug/L, slightly above its ES of 0.2 ug/L, in the June 2021 through December 2023 sampling events. However, vinyl chloride was not detected at a concentration above its MDL in the March 1, 2024, sampling event, and
- Chlorinated VOCs, including tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and trans-1,2-dichloroethene have not need detected at concentrations above their respective MDLs.

Based on the groundwater monitoring performed to date in the five (5) site groundwater monitoring wells, groundwater is not significantly impacted. One (1) additional groundwater sampling event in June 2024 from the groundwater monitoring well network, with groundwater sample submission for VOC laboratory analysis, is recommended. Assuming the June 2024 groundwater analytical results are similar to the March 2024 results, KSingh will request WDNR concurrence that site investigation and remediation are complete at the site, and that Case Closure is appropriate, with respect to site characterization and remediation of groundwater.

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

Sincerely,

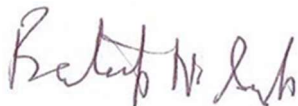
K. SINGH & ASSOCIATES, INC.



Alexander M. Huebner
Staff Engineer



Timothy P. Welch, P.G.
Senior Geologist



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

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

Attachments:

Figure 1	Site Location Map
Figure 2	Site Diagram
Figure 3	Groundwater Contour Map (March 1, 2024)
Table 1	Groundwater Elevation Data
Table 2	Groundwater Quality Test Results-VOCs
Attachment A	Groundwater Laboratory Analytical Results

FIGURES

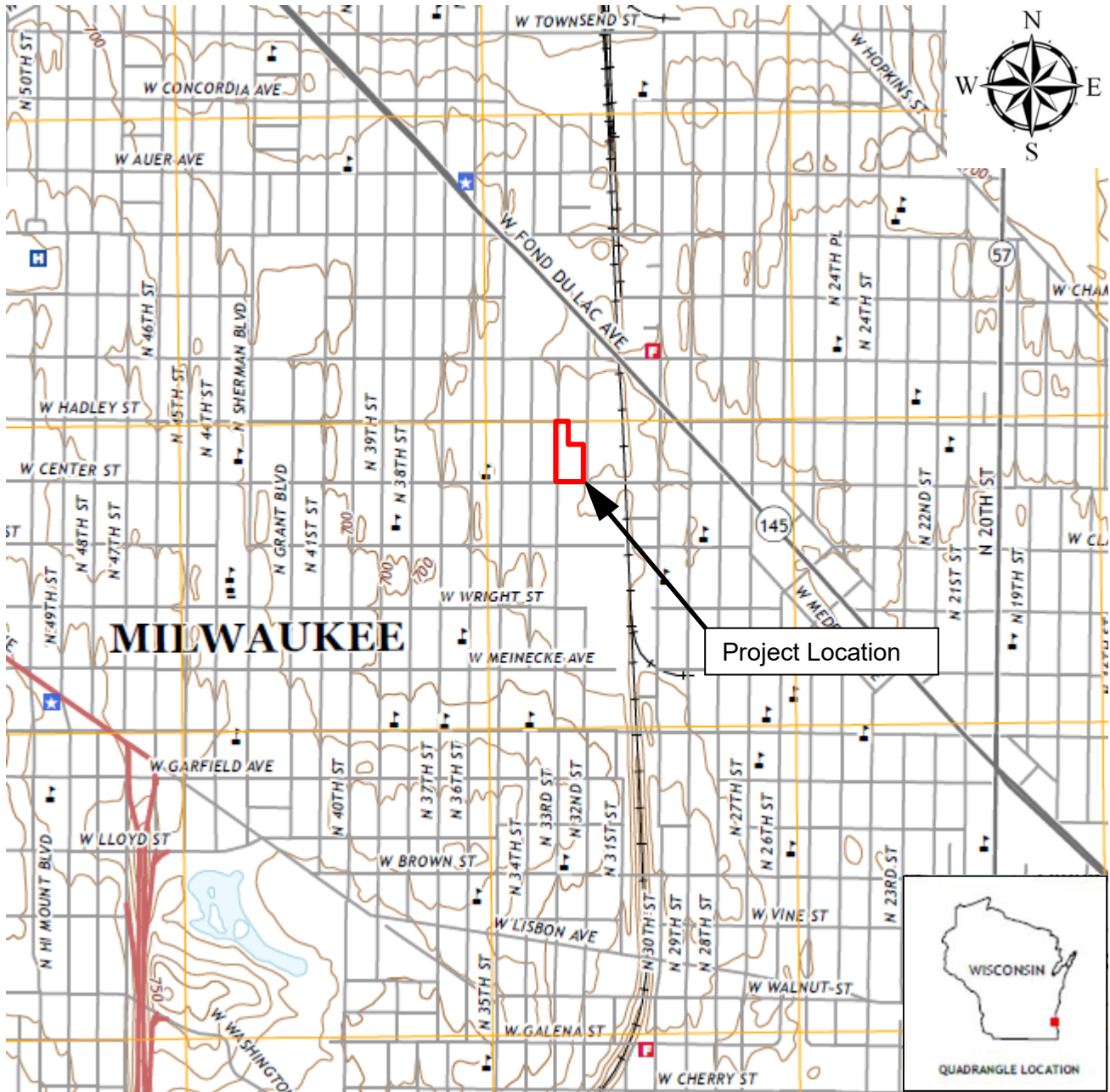
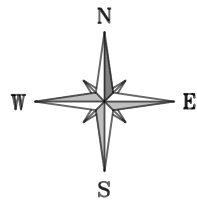


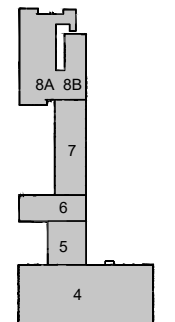
Figure 1 – Site Location Map

from 2018 Milwaukee Quadrangle, Wisconsin – Milwaukee County 7.5-minute series

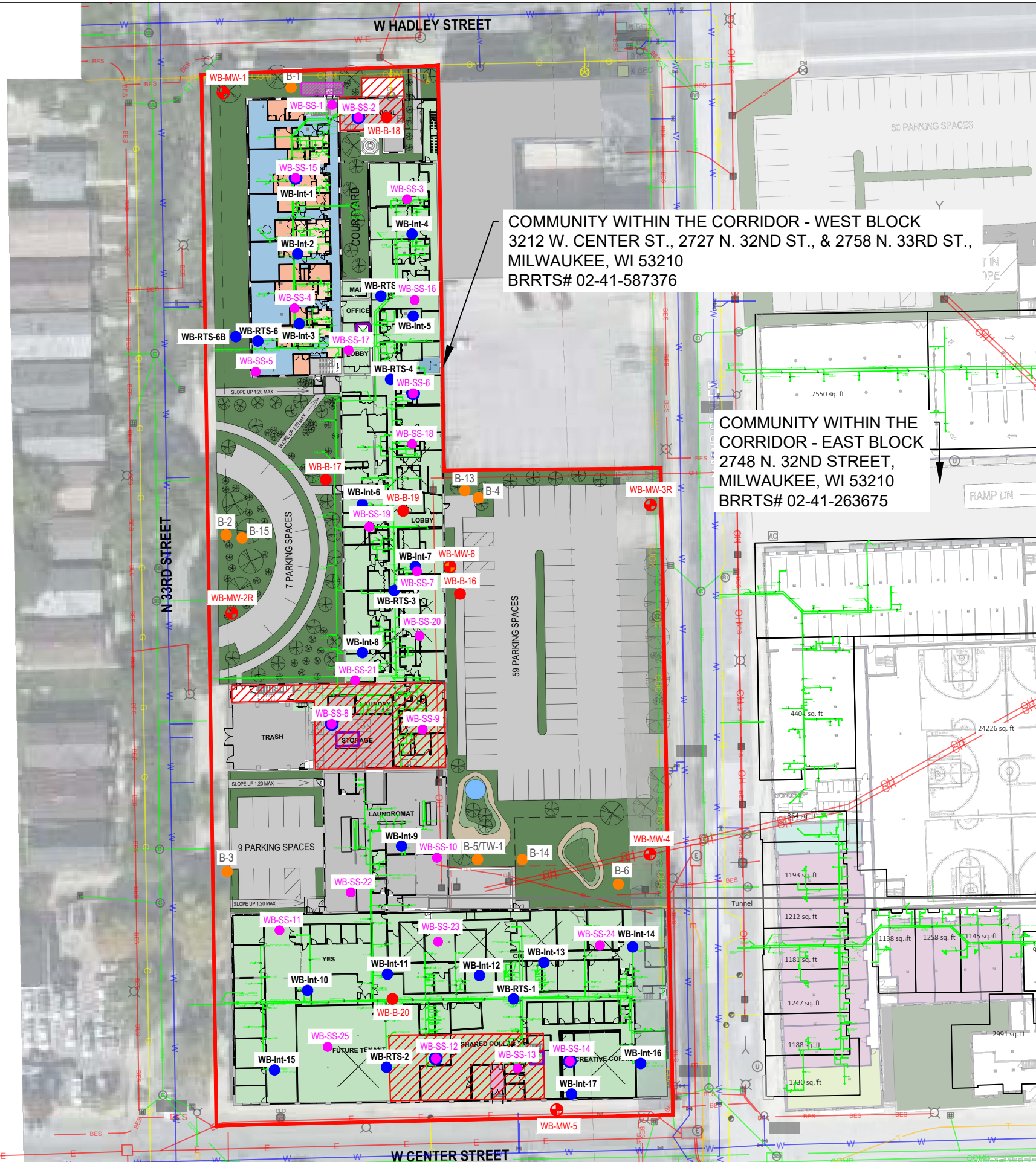
Scale 1:24,000



SCALE IN FEET
0 50'



KEY PLAN



FLOOR FINISH LEGEND

	CPT-1	BROADLOOM CARPET (UNIT BEDROOMS)
	CT-1	CERAMIC TILE (UNIT BATHROOMS W/ ROLL-IN SHOWERS ONLY)
	EXTG-WD	EXISTING WOOD FLOORING TO REMAIN IN PLACE & BE REFINISHED
	LVT-1	LUXURY VINYL TILE (UNIT BATHROOMS)
	MZ-1	EXISTING HISTORIC MOSAIC TILE - TO REMAIN IN PLACE & CLEAN
	PC-1	POLISHED CONCRETE
	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

	Known Elevator Shaft
	Planned Underground Plumbing
	Underground Tunnel
	Basement Area(s)
	Sub-Slab Vapor Sampling Locations (25)
	Sub-Slab Soil Sampling Locations (28)
	Previous Soil Probe, Hand Auger, and Temp. Well Locations (9)
	Monitoring Well Locations (6)
	Soil Probe Locations (5)
	Former Underground Storage Tank
	Approximate Property Boundary

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

	EX. UG. GAS
	EX. UG. ELECTRIC
	EX. OVERHEAD WIRES
	EX. BUREAU OF ELECTRICAL SERVICES
	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

- SAMPLE ID CODES:
- WB = WEST BLOCK
 - B = BORING
 - TW = TEMPORARY WELL
 - MW = MONITORING WELL
 - SS = SUB-SLAB
 - INT = INTERIOR
 - RTS = REPRESENTATIVE TRENCH SAMPLE
 - 4 = COMMERCIAL SPACE AND DAYCARE CENTER
 - 5 = LAUNDROMAT
 - 6, 7, 8A, AND 8B = RESIDENTIAL SPACE

KSingh Engineers
Scientists
Consultants

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

CONSULTANT

CONSULTANT

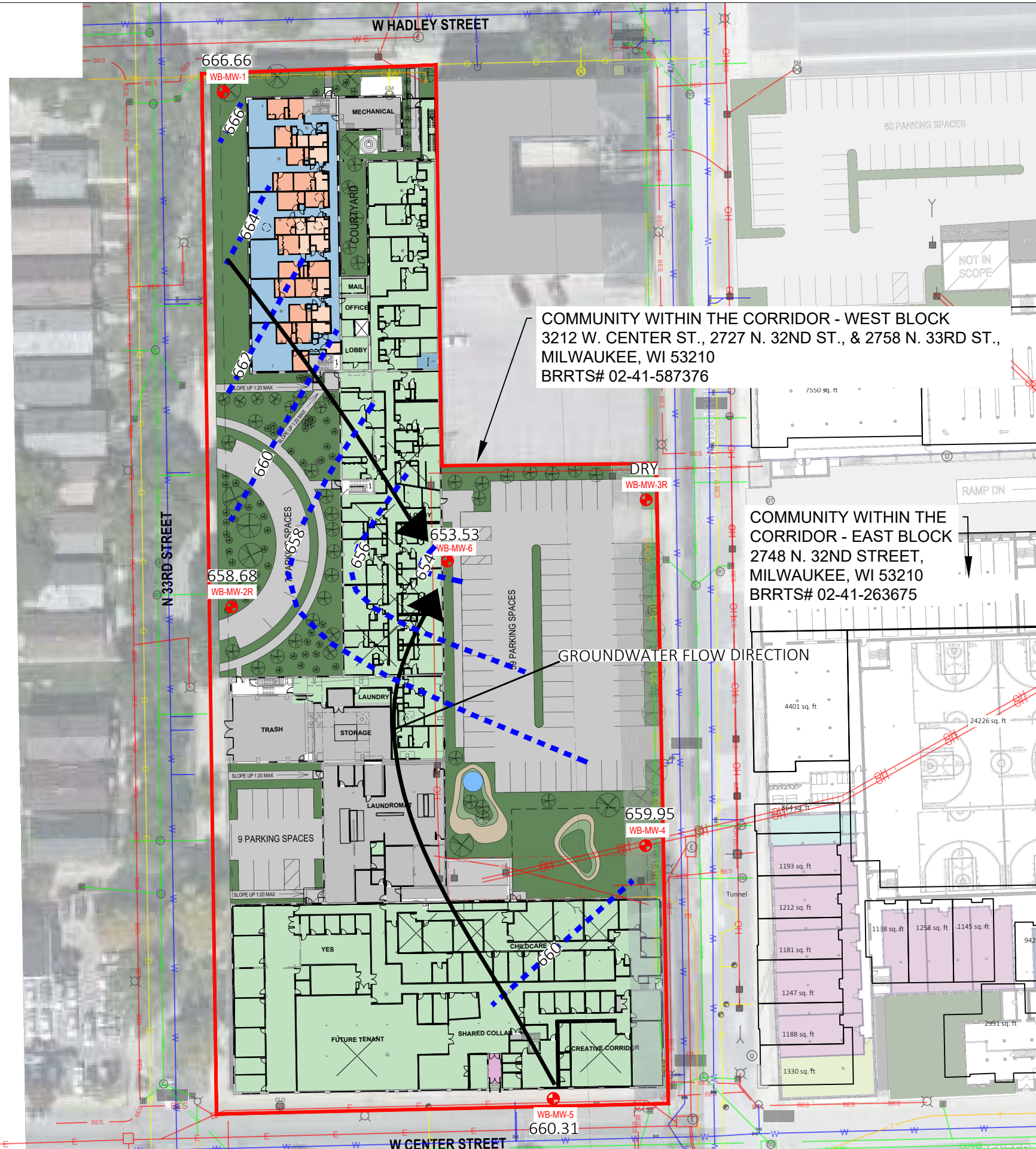
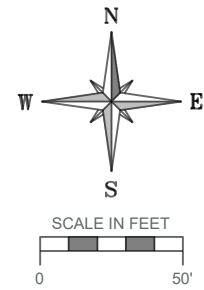
PROJECT TITLE: SITE INVESTIGATION REPORT
3212 W. CENTER ST., 2727 N. 32ND ST., 2758 N. 33RD ST.
COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI 53210
PROJECT NUMBER: 40443

CLIENT:
COMMUNITY WITHIN THE CORRIDOR LIMITED
PARTNERSHIP

REVISIONS	DATE	DESCRIPTION

DRAWN BY: AMH DATE: 12/22/2023
CHECKED BY: TPW DATE: 12/22/2023
SHEET TITLE: SITE DIAGRAM

FIGURE 2



COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
 3212 W. CENTER ST., 2727 N. 32ND ST., & 2758 N. 33RD ST.,
 MILWAUKEE, WI 53210
 BRRTS# 02-41-587376

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
 2748 N. 32ND STREET,
 MILWAUKEE, WI 53210
 BRRTS# 02-41-263675

GROUNDWATER FLOW DIRECTION

FLOOR FINISH LEGEND

CPT-1	BROADLOOM CARPET (UNIT BEDROOMS)
CT-1	CERAMIC TILE (UNIT BATHROOMS W/ ROLL-IN SHOWERS ONLY)
EXTG-WD	EXISTING WOOD FLOORING TO REMAIN IN PLACE & BE REFINISHED
LVT-1	LUXURY VINYL TILE (UNIT BATHROOMS)
MZ-1	EXISTING HISTORIC MOSAIC TILE - TO REMAIN IN PLACE & CLEAN
PC-1	POLISHED CONCRETE
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 (6)
- Groundwater Contour (Dashed were inferred)
- Groundwater Flow Direction Arrow
- Approximate Property Boundary

Contour Interval: 2.0'

Groundwater Elevation: (653.53)

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

PROJECT TITLE: SITE INVESTIGATION REPORT
 3212 W. CENTER ST., 2727 N. 32ND ST., 2758 N. 33RD ST.
 COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
 MILWAUKEE, WI 53210
 PROJECT NUMBER: 40443

CLIENT:
 COMMUNITY WITHIN THE CORRIDOR LIMITED PARTNERSHIP

REVISIONS	DATE	DESCRIPTION

DRAWN BY AMH	DATE 04/02/2024
CHECKED BY TPW	DATE 04/02/2024
SHEET TITLE GROUNDWATER CONTOUR MAP (MARCH 1, 2024)	

FIGURE 3

TABLES

TABLE 1
 GROUNDWATER ELEVATION DATA
 COMMUNITY WITHIN THE CORRIDOR-WEST BLOCK
 MILWAUKEE, WI
 PROJECT NUMBER 40443A

Well ID	Units	WB-MW-1	WB-MW-2	WB-MW-2R	WB-MW-3	WB-MW-3R	WB-MW-4 *	WB-MW-5	WB-MW-6							
Ground Elevation	Feet	682.57	686.17	683.03	685.83	683.82	684.89	680.03	686.34							
TOC Elevation	Feet	685.36	689.16	682.68	688.97	683.42	687.94	679.21	685.74							
TOS Elevation	Feet	673.32	675.64	668.64	677.23	664.31	674.08	664.38	665.96							
BOS Elevation	Feet	658.32	660.64	653.64	662.23	649.31	659.08	654.38	650.96							
Screen Height	Feet	15	15	15.00	15	15.00	15	10	15.00							
DATE	DTW (TOC)	GROUNDWATER ELEVATION	DTW (TOC)	GROUNDWATER ELEVATION	DTW (TOC)	GROUNDWATER ELEVATION	DTW (TOC)	GROUNDWATER ELEVATION	DTW (TOC)	GROUNDWATER ELEVATION	DTW	GROUNDWATER ELEVATION	DTW	GROUNDWATER ELEVATION	DTW	GROUNDWATER ELEVATION
5/18/2021	17.58	667.78	23.42	665.74	NI	---	DRY	---	NI	---	27.51	660.43	---	---	---	---
6/10/2021	17.28	668.08	23.25	665.91	NI	---	DRY	---	NI	---	27.15	660.79	---	---	---	---
6/22/2021	17.22	668.14	23.53	665.63	NI	---	DRY	---	NI	---	27.14	660.80	---	---	---	---
6/30/2021	15.44	669.92	23.59	665.57	NI	---	DRY	---	NI	---	27.13	660.81	---	---	---	---
7/20/2021	17.33	668.03	22.95	666.21	NI	---	DRY	---	NI	---	27.00	660.94	18.55	660.66	---	---
7/29/2021	17.41	667.95	23.76	665.40	NI	---	DRY	---	NI	---	27.00	660.94	18.67	660.54	---	---
8/19/2021	17.31	668.05	23.87	665.29	NI	---	DRY	---	NI	---	26.91	661.03	18.23	660.98	---	---
10/6/2021	17.62	667.74	24.70	664.46	NI	---	DRY	---	NI	---	27.40	660.54	18.20	661.01	---	---
8/3/2022	17.10	668.26	---	---	18.10	664.58	---	---	DRY	---	21.50	666.44	21.50	657.71	31.18	654.56
3/16/2023	17.30	668.06	---	---	---	---	---	---	DRY	---	21.80	*660.37	18.50	660.71	29.22	656.52
11/17/2023	17.10	668.26	---	---	25.32	657.36	---	---	DRY	---	---	---	19.20	660.01	30.50	655.24
12/27/2023	17.63	667.73	---	---	25.65	657.03	---	---	DRY	---	22.25	*659.92	19.20	660.01	29.71	656.03
3/1/2024	18.70	666.66	---	---	24.00	658.68	---	---	DRY	---	22.22	*659.95	18.90	660.31	32.21	653.53

Notes:

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

NI=Not Installed
 ---- = Not Measured/Abandoned

WB-MW-2 replaced by WB-MW2R on 7/20/22
 WB-MW-3 replaced by WB-MW3R on 7/18/22
 *WB-MW-4 converted from stickup to flush mount on 7/18/22 (TOC=682.17', TOS=673.72', BOS=658.72')
 WB-MW-6 constructed on 7/20/22

ATTACHMENTS

ATTACHMENT A

Groundwater Laboratory Analytical Results

 **ANALYTICAL REPORT****PREPARED FOR**

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

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JOB DESCRIPTION

Community Within the Corridor West Block - 40443A

JOB NUMBER

500-246900-1

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
Sandie Fredrick, Senior Project Manager
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660



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Case Narrative

Client: K. Singh & Associates, Inc
Project: Community Within the Corridor West Block - 40443A

Job ID: 500-246900-1

Job ID: 500-246900-1

Eurofins Chicago

Job Narrative 500-246900-1

Receipt

The samples were received on 3/2/2024 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8° C.

GC/MS VOA

Method 8260D: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with analytical batch 500-756665: Vinyl chloride and Chloroethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260D: Methylene chloride was detected in the following items: WB-MW-1 (500-246900-1), WB-MW-2R (500-246900-2), WB-MW-4 (500-246900-3), WB-MW-5 (500-246900-4), WB-MW-6 (500-246900-5), Trip Blank (500-246900-6) and (MB 500-756665/8). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

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

Eurofins Chicago



500-246900

Sample Collector(s) Alex Huebner	Title Staff Engineer	Telephone # (incl. area code) (262) 821-1171	Report To Robert Reineke, Tim Welch & Alex Huebner
Property Owner Community Within the Corridor - West Block #40443A	Property Address 3212 W Center Street, 2727 N 32nd St. & 2758 N 33rd Street, Milwaukee, WI	Telephone # (incl. area code)	KSingh Project # 40443A

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

Relinquished By (Signature) <i>[Signature]</i>	Date/Time 3/11/24, 2:00pm	Laboratory Name Eurofins	Received By (Signature) EF Eurofins 3/1/24 1430	Temperature Blank: 0.370.0
Relinquished By (Signature) EVR Eurofins	Date/Time 3/1/24 1700	Received By (Signature) EEHA 3/2/24 stephanie Hernandez 0910		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.

1 Specify groundwater (GW), soil (S), air (A), sludge (SL), surface water (SW), etc.						Sample Condition									
2 Sample description must clearly correlate the sample I D. to the sampling location						# / Type of Container									
Date Collected	Time Collected	Samples		Location/Description (2)	VOCs (B260)	MeOH	HCL	H2SO4	Unpres.	Other Comment					
		Type (1)	Device												
3/1/24	11:00	GW	Bailer	WB-MW-1	x		3								
	10:15	GW	Bailer	WB-MW-2R	x		3								
	8:50	GW	Bailer	WB-MW-4	x		3								
	12:15	GW	Bailer	WB-MW-5	x		3								
	9:45	GW	Bailer	WB-MW-6	x		3								
	-	-	-	Trip Blank	x		1								

1
2
3
4
5
6

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES				DEPARTMENT USE ONLY			
Disposition of unused portion of sample Laboratory should (check) <input type="checkbox"/> Dispose <input type="checkbox"/> Return <input type="checkbox"/> Retain for <input type="checkbox"/> Other (days)				Split Samples Offered <input type="checkbox"/> Y <input type="checkbox"/> N Accepted By Accepted <input type="checkbox"/> Y <input type="checkbox"/> N Signature			



Detection Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-1

Lab Sample ID: 500-246900-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.1	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: WB-MW-2R

Lab Sample ID: 500-246900-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.1	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: WB-MW-4

Lab Sample ID: 500-246900-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: WB-MW-5

Lab Sample ID: 500-246900-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.8	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: WB-MW-6

Lab Sample ID: 500-246900-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.9	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-246900-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.6	J B	5.0	1.6	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-246900-1	WB-MW-1	Ground Water	03/01/24 11:00	03/02/24 09:20
500-246900-2	WB-MW-2R	Ground Water	03/01/24 10:15	03/02/24 09:20
500-246900-3	WB-MW-4	Ground Water	03/01/24 08:50	03/02/24 09:20
500-246900-4	WB-MW-5	Ground Water	03/01/24 12:15	03/02/24 09:20
500-246900-5	WB-MW-6	Ground Water	03/01/24 09:45	03/02/24 09:20
500-246900-6	Trip Blank	Water	03/01/24 00:00	03/02/24 09:20

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-1

Lab Sample ID: 500-246900-1

Date Collected: 03/01/24 11:00

Matrix: Ground Water

Date Received: 03/02/24 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 15:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 15:13	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 15:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 15:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 15:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
Chloroethane	<0.51	*-	5.0	0.51	ug/L			03/04/24 15:13	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 15:13	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 15:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 15:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 15:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 15:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 15:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 15:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 15:13	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 15:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 15:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:13	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 15:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 15:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 15:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 15:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 15:13	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 15:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 15:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 15:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 15:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 15:13	1
Methylene Chloride	4.1	J B	5.0	1.6	ug/L			03/04/24 15:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 15:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 15:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 15:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:13	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 15:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 15:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 15:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 15:13	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 15:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 15:13	1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-1

Lab Sample ID: 500-246900-1

Date Collected: 03/01/24 11:00

Matrix: Ground Water

Date Received: 03/02/24 09:20

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	<0.36		1.0	0.36	ug/L			03/04/24 15:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 15:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 15:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 15:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 15:13	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 15:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 15:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 15:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 15:13	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			03/04/24 15:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124		03/04/24 15:13	1
Dibromofluoromethane (Surr)	104		75 - 120		03/04/24 15:13	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		03/04/24 15:13	1
Toluene-d8 (Surr)	103		75 - 120		03/04/24 15:13	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-2R

Lab Sample ID: 500-246900-2

Date Collected: 03/01/24 10:15

Matrix: Ground Water

Date Received: 03/02/24 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 15:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 15:36	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 15:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 15:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 15:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
Chloroethane	<0.51	*-	5.0	0.51	ug/L			03/04/24 15:36	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 15:36	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 15:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 15:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 15:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 15:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 15:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 15:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 15:36	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 15:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 15:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:36	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 15:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 15:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 15:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 15:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 15:36	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 15:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 15:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 15:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 15:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 15:36	1
Methylene Chloride	4.1	J B	5.0	1.6	ug/L			03/04/24 15:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 15:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 15:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 15:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:36	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 15:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 15:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 15:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 15:36	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 15:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 15:36	1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-2R

Lab Sample ID: 500-246900-2

Date Collected: 03/01/24 10:15

Matrix: Ground Water

Date Received: 03/02/24 09:20

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	<0.36		1.0	0.36	ug/L			03/04/24 15:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 15:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 15:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 15:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 15:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 15:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 15:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 15:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 15:36	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			03/04/24 15:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124					03/04/24 15:36	1
Dibromofluoromethane (Surr)	103		75 - 120					03/04/24 15:36	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126					03/04/24 15:36	1
Toluene-d8 (Surr)	103		75 - 120					03/04/24 15:36	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-4

Lab Sample ID: 500-246900-3

Date Collected: 03/01/24 08:50

Matrix: Ground Water

Date Received: 03/02/24 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 15:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 15:59	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 15:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 15:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 15:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
Chloroethane	<0.51	*-	5.0	0.51	ug/L			03/04/24 15:59	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 15:59	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 15:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 15:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 15:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 15:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 15:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 15:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 15:59	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 15:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 15:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:59	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 15:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 15:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 15:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 15:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 15:59	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 15:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 15:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 15:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 15:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 15:59	1
Methylene Chloride	3.4	J B	5.0	1.6	ug/L			03/04/24 15:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 15:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 15:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 15:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:59	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 15:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 15:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 15:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 15:59	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 15:59	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 15:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 15:59	1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-4

Lab Sample ID: 500-246900-3

Date Collected: 03/01/24 08:50

Matrix: Ground Water

Date Received: 03/02/24 09:20

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	<0.36		1.0	0.36	ug/L			03/04/24 15:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 15:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 15:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 15:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 15:59	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 15:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 15:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 15:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 15:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 15:59	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			03/04/24 15:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		03/04/24 15:59	1
Dibromofluoromethane (Surr)	107		75 - 120		03/04/24 15:59	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		03/04/24 15:59	1
Toluene-d8 (Surr)	102		75 - 120		03/04/24 15:59	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-5

Lab Sample ID: 500-246900-4

Date Collected: 03/01/24 12:15

Matrix: Ground Water

Date Received: 03/02/24 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 16:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 16:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 16:22	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 16:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 16:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 16:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
Chloroethane	<0.51	*-	5.0	0.51	ug/L			03/04/24 16:22	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 16:22	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 16:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 16:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 16:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 16:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 16:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 16:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 16:22	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 16:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 16:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 16:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 16:22	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 16:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 16:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 16:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 16:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 16:22	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 16:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 16:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 16:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 16:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 16:22	1
Methylene Chloride	3.8	J B	5.0	1.6	ug/L			03/04/24 16:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 16:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 16:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 16:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 16:22	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 16:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 16:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 16:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 16:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 16:22	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 16:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 16:22	1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-5

Lab Sample ID: 500-246900-4

Date Collected: 03/01/24 12:15

Matrix: Ground Water

Date Received: 03/02/24 09:20

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	<0.36		1.0	0.36	ug/L			03/04/24 16:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 16:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 16:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 16:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 16:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 16:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 16:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 16:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 16:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 16:22	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			03/04/24 16:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124					03/04/24 16:22	1
Dibromofluoromethane (Surr)	109		75 - 120					03/04/24 16:22	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126					03/04/24 16:22	1
Toluene-d8 (Surr)	99		75 - 120					03/04/24 16:22	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-6

Lab Sample ID: 500-246900-5

Date Collected: 03/01/24 09:45

Matrix: Ground Water

Date Received: 03/02/24 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 16:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 16:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 16:45	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 16:45	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 16:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 16:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
Chloroethane	<0.51	*-	5.0	0.51	ug/L			03/04/24 16:45	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 16:45	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 16:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 16:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 16:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 16:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 16:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 16:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 16:45	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 16:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 16:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 16:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 16:45	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 16:45	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 16:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 16:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 16:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 16:45	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 16:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 16:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 16:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 16:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 16:45	1
Methylene Chloride	3.9	J B	5.0	1.6	ug/L			03/04/24 16:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 16:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 16:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 16:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 16:45	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 16:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 16:45	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 16:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 16:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 16:45	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 16:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 16:45	1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-6

Lab Sample ID: 500-246900-5

Date Collected: 03/01/24 09:45

Matrix: Ground Water

Date Received: 03/02/24 09:20

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	<0.36		1.0	0.36	ug/L			03/04/24 16:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 16:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 16:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 16:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 16:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 16:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 16:45	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 16:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 16:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 16:45	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			03/04/24 16:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124		03/04/24 16:45	1
Dibromofluoromethane (Surr)	107		75 - 120		03/04/24 16:45	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		03/04/24 16:45	1
Toluene-d8 (Surr)	101		75 - 120		03/04/24 16:45	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-246900-6

Date Collected: 03/01/24 00:00

Matrix: Water

Date Received: 03/02/24 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 17:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 17:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 17:08	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 17:08	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 17:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 17:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
Chloroethane	<0.51	*-	5.0	0.51	ug/L			03/04/24 17:08	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 17:08	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 17:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 17:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 17:08	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 17:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 17:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 17:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 17:08	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 17:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 17:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 17:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 17:08	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 17:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 17:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 17:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 17:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 17:08	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 17:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 17:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 17:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 17:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 17:08	1
Methylene Chloride	3.6	J B	5.0	1.6	ug/L			03/04/24 17:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 17:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 17:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 17:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 17:08	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 17:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 17:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 17:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 17:08	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 17:08	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 17:08	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 17:08	1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-246900-6

Date Collected: 03/01/24 00:00

Matrix: Water

Date Received: 03/02/24 09:20

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	<0.36		1.0	0.36	ug/L			03/04/24 17:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 17:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 17:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 17:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 17:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 17:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 17:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 17:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 17:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 17:08	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			03/04/24 17:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		03/04/24 17:08	1
Dibromofluoromethane (Surr)	103		75 - 120		03/04/24 17:08	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		03/04/24 17:08	1
Toluene-d8 (Surr)	102		75 - 120		03/04/24 17:08	1

Definitions/Glossary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

Qualifiers

GC/MS VOA

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

QC Association Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

GC/MS VOA

Analysis Batch: 756665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-246900-1	WB-MW-1	Total/NA	Ground Water	8260D	
500-246900-2	WB-MW-2R	Total/NA	Ground Water	8260D	
500-246900-3	WB-MW-4	Total/NA	Ground Water	8260D	
500-246900-4	WB-MW-5	Total/NA	Ground Water	8260D	
500-246900-5	WB-MW-6	Total/NA	Ground Water	8260D	
500-246900-6	Trip Blank	Total/NA	Water	8260D	
MB 500-756665/8	Method Blank	Total/NA	Water	8260D	
LCS 500-756665/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-756665/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Surrogate Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-246900-1	WB-MW-1	103	104	92	103
500-246900-2	WB-MW-2R	98	103	88	103
500-246900-3	WB-MW-4	98	107	91	102
500-246900-4	WB-MW-5	100	109	92	99
500-246900-5	WB-MW-6	97	107	94	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-246900-6	Trip Blank	100	103	89	102
LCS 500-756665/5	Lab Control Sample	97	102	90	105
LCSD 500-756665/6	Lab Control Sample Dup	98	100	92	101
MB 500-756665/8	Method Blank	99	106	91	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

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

Lab Sample ID: MB 500-756665/8
Matrix: Water
Analysis Batch: 756665

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			03/04/24 12:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/04/24 12:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/04/24 12:10	1
Bromoform	<0.48		1.0	0.48	ug/L			03/04/24 12:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			03/04/24 12:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/04/24 12:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
Chloroethane	<0.51		5.0	0.51	ug/L			03/04/24 12:10	1
Chloroform	<0.37		2.0	0.37	ug/L			03/04/24 12:10	1
Chloromethane	<0.32		5.0	0.32	ug/L			03/04/24 12:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/04/24 12:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/04/24 12:10	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/04/24 12:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/04/24 12:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/04/24 12:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/04/24 12:10	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			03/04/24 12:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/04/24 12:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/04/24 12:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/04/24 12:10	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/04/24 12:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/04/24 12:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/04/24 12:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/04/24 12:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/04/24 12:10	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			03/04/24 12:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/04/24 12:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/04/24 12:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/04/24 12:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/04/24 12:10	1
Methylene Chloride	4.28	J	5.0	1.6	ug/L			03/04/24 12:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/04/24 12:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/04/24 12:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/04/24 12:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 12:10	1
Styrene	<0.39		1.0	0.39	ug/L			03/04/24 12:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/04/24 12:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/04/24 12:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/04/24 12:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/04/24 12:10	1
Toluene	<0.15		0.50	0.15	ug/L			03/04/24 12:10	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

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

Lab Sample ID: MB 500-756665/8
Matrix: Water
Analysis Batch: 756665

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/04/24 12:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/04/24 12:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/04/24 12:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/04/24 12:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/04/24 12:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/04/24 12:10	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/04/24 12:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/04/24 12:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/04/24 12:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/04/24 12:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/04/24 12:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/04/24 12:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/04/24 12:10	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	99		72 - 124		03/04/24 12:10	1
Dibromofluoromethane (Surr)	106		75 - 120		03/04/24 12:10	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		03/04/24 12:10	1
Toluene-d8 (Surr)	102		75 - 120		03/04/24 12:10	1

Lab Sample ID: LCS 500-756665/5
Matrix: Water
Analysis Batch: 756665

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	50.0	47.1		ug/L		94	70 - 122
Bromochloromethane	50.0	50.4		ug/L		101	65 - 122
Bromoform	50.0	46.4		ug/L		93	56 - 132
Bromomethane	50.0	27.4		ug/L		55	40 - 152
Carbon tetrachloride	50.0	51.2		ug/L		102	59 - 133
Chlorobenzene	50.0	47.7		ug/L		95	70 - 120
Chloroethane	50.0	23.3	*-	ug/L		47	48 - 136
Chloroform	50.0	44.7		ug/L		89	70 - 120
Chloromethane	50.0	55.4		ug/L		111	56 - 152
2-Chlorotoluene	50.0	47.0		ug/L		94	70 - 125
4-Chlorotoluene	50.0	50.1		ug/L		100	68 - 124
cis-1,2-Dichloroethene	50.0	47.9		ug/L		96	70 - 125
cis-1,3-Dichloropropene	50.0	49.3		ug/L		99	64 - 127
Dibromochloromethane	50.0	45.9		ug/L		92	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.2		ug/L		96	56 - 123
1,2-Dibromoethane (EDB)	50.0	48.2		ug/L		96	70 - 125
Dibromomethane	50.0	48.0		ug/L		96	70 - 120
1,2-Dichlorobenzene	50.0	47.3		ug/L		95	70 - 125
1,3-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 125
1,4-Dichlorobenzene	50.0	46.9		ug/L		94	70 - 120
Dichlorobromomethane	50.0	46.3		ug/L		93	69 - 120

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

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

Lab Sample ID: LCS 500-756665/5

Matrix: Water

Analysis Batch: 756665

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	55.5		ug/L		111	40 - 159
1,1-Dichloroethane	50.0	49.1		ug/L		98	70 - 125
1,2-Dichloroethane	50.0	48.0		ug/L		96	68 - 127
1,1-Dichloroethene	50.0	49.4		ug/L		99	67 - 122
1,2-Dichloropropane	50.0	50.0		ug/L		100	67 - 130
1,3-Dichloropropane	50.0	47.3		ug/L		95	62 - 136
2,2-Dichloropropane	50.0	46.2		ug/L		92	58 - 139
1,1-Dichloropropene	50.0	50.3		ug/L		101	70 - 121
Ethylbenzene	50.0	48.1		ug/L		96	70 - 123
Hexachlorobutadiene	50.0	52.0		ug/L		104	51 - 150
Isopropylbenzene	50.0	47.7		ug/L		95	70 - 126
Methylene Chloride	50.0	53.9		ug/L		108	69 - 125
Methyl tert-butyl ether	50.0	50.4		ug/L		101	55 - 123
Naphthalene	50.0	48.2		ug/L		96	53 - 144
n-Butylbenzene	50.0	48.3		ug/L		97	68 - 125
N-Propylbenzene	50.0	48.3		ug/L		97	69 - 127
p-Isopropyltoluene	50.0	49.2		ug/L		98	70 - 125
sec-Butylbenzene	50.0	48.7		ug/L		97	70 - 123
Styrene	50.0	51.4		ug/L		103	70 - 120
tert-Butylbenzene	50.0	47.8		ug/L		96	70 - 121
1,1,1,2-Tetrachloroethane	50.0	48.7		ug/L		97	70 - 125
1,1,2,2-Tetrachloroethane	50.0	47.1		ug/L		94	62 - 140
Tetrachloroethene	50.0	47.2		ug/L		94	70 - 128
Toluene	50.0	45.8		ug/L		92	70 - 125
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 125
trans-1,3-Dichloropropene	50.0	47.0		ug/L		94	62 - 128
1,2,3-Trichlorobenzene	50.0	47.2		ug/L		94	51 - 145
1,2,4-Trichlorobenzene	50.0	46.8		ug/L		94	57 - 137
1,1,1-Trichloroethane	50.0	50.2		ug/L		100	70 - 125
1,1,2-Trichloroethane	50.0	47.3		ug/L		95	71 - 130
Trichloroethene	50.0	53.1		ug/L		106	70 - 125
Trichlorofluoromethane	50.0	54.5		ug/L		109	55 - 128
1,2,3-Trichloropropane	50.0	47.4		ug/L		95	50 - 133
1,2,4-Trimethylbenzene	50.0	48.3		ug/L		97	70 - 123
1,3,5-Trimethylbenzene	50.0	47.2		ug/L		94	70 - 123
Vinyl chloride	50.0	64.0	*+	ug/L		128	64 - 126
Xylenes, Total	100	100		ug/L		100	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		72 - 124
Dibromofluoromethane (Surr)	102		75 - 120
1,2-Dichloroethane-d4 (Surr)	90		75 - 126
Toluene-d8 (Surr)	105		75 - 120

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

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

Lab Sample ID: LCSD 500-756665/6
Matrix: Water
Analysis Batch: 756665

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	50.5		ug/L		101	70 - 120	1	20
Bromobenzene	50.0	50.1		ug/L		100	70 - 122	6	20
Bromochloromethane	50.0	52.7		ug/L		105	65 - 122	4	20
Bromoform	50.0	45.9		ug/L		92	56 - 132	1	20
Bromomethane	50.0	26.4		ug/L		53	40 - 152	4	20
Carbon tetrachloride	50.0	54.4		ug/L		109	59 - 133	6	20
Chlorobenzene	50.0	49.2		ug/L		98	70 - 120	3	20
Chloroethane	50.0	20.9	*-	ug/L		42	48 - 136	11	20
Chloroform	50.0	46.8		ug/L		94	70 - 120	5	20
Chloromethane	50.0	52.5		ug/L		105	56 - 152	5	20
2-Chlorotoluene	50.0	49.6		ug/L		99	70 - 125	5	20
4-Chlorotoluene	50.0	53.1		ug/L		106	68 - 124	6	20
cis-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 125	3	20
cis-1,3-Dichloropropene	50.0	49.9		ug/L		100	64 - 127	1	20
Dibromochloromethane	50.0	47.2		ug/L		94	68 - 125	3	20
1,2-Dibromo-3-Chloropropane	50.0	50.9		ug/L		102	56 - 123	6	20
1,2-Dibromoethane (EDB)	50.0	49.6		ug/L		99	70 - 125	3	20
Dibromomethane	50.0	49.4		ug/L		99	70 - 120	3	20
1,2-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 125	6	20
1,3-Dichlorobenzene	50.0	51.3		ug/L		103	70 - 125	6	20
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	70 - 120	5	20
Dichlorobromomethane	50.0	48.4		ug/L		97	69 - 120	4	20
Dichlorodifluoromethane	50.0	53.8		ug/L		108	40 - 159	3	20
1,1-Dichloroethane	50.0	52.2		ug/L		104	70 - 125	6	20
1,2-Dichloroethane	50.0	48.0		ug/L		96	68 - 127	0	20
1,1-Dichloroethene	50.0	52.1		ug/L		104	67 - 122	5	20
1,2-Dichloropropane	50.0	51.3		ug/L		103	67 - 130	2	20
1,3-Dichloropropane	50.0	47.6		ug/L		95	62 - 136	0	20
2,2-Dichloropropane	50.0	48.5		ug/L		97	58 - 139	5	20
1,1-Dichloropropene	50.0	53.3		ug/L		107	70 - 121	6	20
Ethylbenzene	50.0	49.4		ug/L		99	70 - 123	3	20
Hexachlorobutadiene	50.0	56.4		ug/L		113	51 - 150	8	20
Isopropylbenzene	50.0	50.4		ug/L		101	70 - 126	6	20
Methylene Chloride	50.0	56.7		ug/L		113	69 - 125	5	20
Methyl tert-butyl ether	50.0	51.6		ug/L		103	55 - 123	2	20
Naphthalene	50.0	52.4		ug/L		105	53 - 144	8	20
n-Butylbenzene	50.0	51.7		ug/L		103	68 - 125	7	20
N-Propylbenzene	50.0	51.0		ug/L		102	69 - 127	6	20
p-Isopropyltoluene	50.0	51.9		ug/L		104	70 - 125	5	20
sec-Butylbenzene	50.0	52.0		ug/L		104	70 - 123	7	20
Styrene	50.0	53.1		ug/L		106	70 - 120	3	20
tert-Butylbenzene	50.0	51.1		ug/L		102	70 - 121	7	20
1,1,1,2-Tetrachloroethane	50.0	50.4		ug/L		101	70 - 125	3	20
1,1,2,2-Tetrachloroethane	50.0	49.1		ug/L		98	62 - 140	4	20
Tetrachloroethene	50.0	50.2		ug/L		100	70 - 128	6	20
Toluene	50.0	47.8		ug/L		96	70 - 125	4	20
trans-1,2-Dichloroethene	50.0	51.7		ug/L		103	70 - 125	3	20

Eurofins Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor West Block -
 40443A

Job ID: 500-246900-1

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

Lab Sample ID: LCSD 500-756665/6
Matrix: Water
Analysis Batch: 756665

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	48.4		ug/L		97	62 - 128	3	20
1,2,3-Trichlorobenzene	50.0	49.9		ug/L		100	51 - 145	6	20
1,2,4-Trichlorobenzene	50.0	50.7		ug/L		101	57 - 137	8	20
1,1,1-Trichloroethane	50.0	53.0		ug/L		106	70 - 125	5	20
1,1,2-Trichloroethane	50.0	48.5		ug/L		97	71 - 130	2	20
Trichloroethene	50.0	54.5		ug/L		109	70 - 125	3	20
Trichlorofluoromethane	50.0	51.2		ug/L		102	55 - 128	6	20
1,2,3-Trichloropropane	50.0	47.5		ug/L		95	50 - 133	0	20
1,2,4-Trimethylbenzene	50.0	51.6		ug/L		103	70 - 123	7	20
1,3,5-Trimethylbenzene	50.0	50.5		ug/L		101	70 - 123	7	20
Vinyl chloride	50.0	59.7		ug/L		119	64 - 126	7	20
Xylenes, Total	100	105		ug/L		105	70 - 125	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		72 - 124
Dibromofluoromethane (Surr)	100		75 - 120
1,2-Dichloroethane-d4 (Surr)	92		75 - 126
Toluene-d8 (Surr)	101		75 - 120

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

Client Sample ID: WB-MW-1

Date Collected: 03/01/24 11:00

Date Received: 03/02/24 09:20

Lab Sample ID: 500-246900-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	756665	W1T	EET CHI	03/04/24 15:13

Client Sample ID: WB-MW-2R

Date Collected: 03/01/24 10:15

Date Received: 03/02/24 09:20

Lab Sample ID: 500-246900-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	756665	W1T	EET CHI	03/04/24 15:36

Client Sample ID: WB-MW-4

Date Collected: 03/01/24 08:50

Date Received: 03/02/24 09:20

Lab Sample ID: 500-246900-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	756665	W1T	EET CHI	03/04/24 15:59

Client Sample ID: WB-MW-5

Date Collected: 03/01/24 12:15

Date Received: 03/02/24 09:20

Lab Sample ID: 500-246900-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	756665	W1T	EET CHI	03/04/24 16:22

Client Sample ID: WB-MW-6

Date Collected: 03/01/24 09:45

Date Received: 03/02/24 09:20

Lab Sample ID: 500-246900-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	756665	W1T	EET CHI	03/04/24 16:45

Client Sample ID: Trip Blank

Date Collected: 03/01/24 00:00

Date Received: 03/02/24 09:20

Lab Sample ID: 500-246900-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	756665	W1T	EET CHI	03/04/24 17:08

Laboratory References:

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

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor West Block -
40443A

Job ID: 500-246900-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-246900-1

Login Number: 246900

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	0.8
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

