KSingh | Engineers Scientists Consultants

March 9, 2022

Ms. Jane Pfeiffer
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1027 W. St. Paul Avenue
Milwaukee, WI 53233

Project # 40443

Subject: **Response to WDNR Review of Site Investigation Report**
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. Pfeiffer:

The DNR reviewed the SIR for compliance with Wis. Admin. Code ch. NR 716 on November 22. 2021 and has requested a response. KSingh has included DNR's questions and comments in italics below and a response follows.

I. Source identification

Wis. Admin. Code § NR 716.01 states that the purpose of SI is to provide the information necessary to define the source(s) of contamination. Furthermore, Wis. Admin. Code § NR 716.07(1) requires that the history of the site or facility, including industrial land uses that may have been associated with one or more hazardous substance discharges, be evaluated.

A. PCB contamination within the soils appears to be widespread in shallow soils beneath the site buildings. Discuss the potential sources and source areas for PCBs at this site. Consider historic site uses that may have used PCBs in their operations.

Soil contamination is correlated with former industrial operations and machinery. PCBs in oils and pigments were likely used in the early 1900s for machinery oiling and painting operations. Industrial operations and machinery were located in Buildings 4, 7, 8A and 8B.

B. Discuss the potential sources for the naphthalene that was identified in all four of the of the indoor air samples collected from within utility conduits in the buildings and adjacent ROW. Discuss the presence/absence of naphthalene within the soil and groundwater data that has been collected during SI activities to-date and whether additional sampling is necessary.

Naphthalene was not detected in soil, groundwater and sub-slab air samples during the SI. Naphthalene was only detected within the sewer pipes within the building and in N. 33rd St. Naphthalene has uses in dyes, textile chemicals and synthetic tanning which may have been used

since the building was used for textile manufacturing purposes in the past. Perhaps these chemicals were dumped into the sewer system in the past. Indoor and background air sampling will be performed when the building is near completion and when the mitigation system is running.

II. Degree and extent of contamination in all affected media

Wis. Admin. Code§ NR 716.11(3)(a) states the purpose of the field investigation is to determine the nature, degree and extent, both areal and vertical, of the hazardous substances or environmental pollution in all affected media.

A. Soil investigation

i. The southern extent of soils contaminated with VOCs near sample location WB-RTS-2 is not defined. Provide justification for the presumed limited extent of the soil contamination observed at WB-RTS-2. More specifically, discuss whether this identified contamination extends into the Center Street ROW. Alternatively, collect a soil sample to the south of WB-RTS-2 to help to define the extent of soil contamination at this location.

The plume to the south is defined as much as practical based on the site constraints. The hand probe WB-RTS-2 is defined to the north by WB-B-20, to the west by WB-Int-15 and to the east by WB-SS-12 (basement sample) all with no VOC detections. Moreover, WB-MW-5 within the sidewalk area had no VOC detections. The data shows that WB-RTS-2 is a very localized VOC area likely due to a spill. We do not believe that further soil investigation is warranted in that area as there are numerous utilities within the sidewalk of which drilling would not be an option. WB-MW-5 demonstrates the VOCs do not extend into the ROW.

ii. The western extent of soil contaminated with PCE at concentrations greater than its groundwater pathway RCL beneath Building 7 does not appear defined. Provide justification for the presumed limited extent of PCE soil contamination to the west of this identified contamination.

The western extent of PCE is defined by WB-B-17 with two samples collected at 2 - 4 feet and 8 - 10 feet as VOCs were not detected. In addition, soil samples B-2 (4 – 6 feet), and WB-MW-2 (3 – 5 feet and 8.5 – 10.5 feet) had no VOCs detected.

a. Provide the lab analytical results of the confirmation samples collected from the hot spot soil excavation that was performed in Building 7 and discuss these in the above-requested justification.

Five (5) soil confirmatory samples were collected at 2 feet deep of the hot spot removal area and two (2) soil samples had detects of PCE. Please see the attached Figure 1 and Table 1 the soil analytical results within Attachment 1. PCE was detected in the western most sample and in the center of the hot spot removal area which were above the NR 720 groundwater protection RCLs. Please see the response to question A.ii. We feel that the western extent is sufficiently defined to the building footprint. This information will be documented

in a Remedial Action Documentation Report as per NR 724.15, which is currently being prepared.

For comparison purposes, the maximum concentration of TCE during the SIR was 3.0 mg/kg and the maximum concentration of TCE in soil confirmation samples was 1.5 mg/kg.

iii. Soil contaminated with 1,2-dichlorobenzene and 1,4-dichlorobenzene was identified at sample location WB-SS-2, which was collected from beneath the basement of Building 8A where the former boiler was located.

a. An underground storage tank (UST) was discovered to the north of Building 8A during SI/redevelopment activities and this UST supported the former boiler in Building 8A. In the SIR, K. Singh states that they plan to remove the UST and perform a Tank System Site Assessment (TSSA). To help better define the soil contamination identified at WB-SS-2 and investigate the potential source of 1, 2-dichlorobenzene and 1, 4-dichlorobenzene within the soil, the TSSA should include soil analysis for these constituents.

Soil samples were collected around the abandoned in place tank on the north side of the building on December 13, 2022 and tested for VOCs (Samples Tank SE, Tank SW, Tank NE and Tank NW). The TSSA report is currently being prepared. Based on a review of the analytical data no VOCs nor 1,2-dichlorobenzene and 1,4-dichlorobenzene were detected. The detects of 1,2-dichlorobenzene and 1,4-dichlorobenzene in WB-SS-2 appear to be an isolated location within the basement. Further, this area was investigated in the past and closed filled with inert material (March 2001) due to the UST being adjacent to the foundation wall and entrance into the building. Also, new data appear to be consistent with that of the previous data. See Figure 2 for the TSSA Confirmatory Soil Sample Locations and Table 2 for a summary of the soil analytical results. The soil analytical results are presented within Attachment 1.

Also, four (4) soil samples were collected as part of the closure of a smaller UST northeast of Building 8A which are shown on Figure 2 and are presented on Table 2. The soil analytical results within Attachment 1. Again, there were no VOCs detected.

b. Considering the data from the TSSA, and the data presented in the SIR, discuss, and justify, whether additional soil investigation is needed to the north, south and west of WB-SS-2 to help to define this contamination.

Based on the data from TSSA, UST closed status of the environmental conditions to the north, and data gathered during SI, it is our conclusion that the plume to the north is sufficiently defined.

Based on the data gathered during the SI from B-1 and WB-MW-1 to the west, it is our conclusion that plume to the west is sufficiently defined.

Based on the data gathered during the SI from WB-Int-1 to the southwest and WB-Int-4 to the southeast, it is our conclusion that plume to the south is sufficiently defined.

iv. Soil contaminated with PCB aroclor 1248 at concentrations greater than its groundwater pathway RCL was identified at sample location WB-Int-9 in Building 5. There are no other soil sample locations within Building 5. Additionally, PCBs were not analyzed for in the soil sample collected from sample location WB-SS-8, which is the only sample location in nearby Building 6.

As noted above, the extent of shallow soils contaminated with PCBs appears to be widespread beneath buildings on the entire site.

Waste oil containing PCBs and solvents were widely used in the manufacturing process.

The extent of soils contaminated with PCBs in Buildings 5 and 6 should be inferred to include the full extent of these buildings. Alternatively, additional soil sampling within Buildings 5 and 6 could be performed to help to define the extent of PCB contamination beneath these buildings. The response to Section I.A. of this letter should be considered during the delineation of the extent and degree of PCB contamination in these buildings.

WB-SS-8 is not a shallow soil sample. It is a deep one taken from the basement mechanical room of building 6. KSingh will perform an additional four (4) shallow soil probes from building 5 and sample for PCBs and deep soil probes within the basement of building 6 for the same.

v. The western extent of soil contaminated with PCB aroclor 1254 at concentrations greater than its industrial direct contact RCL at sample location WB-RTS-6 is not defined. Collect a soil sample within the landscaped area immediately west of WB-RTS-6 to help define the extent of soil contamination, which may be a direct contact risk.

KSingh will perform one soil probe to 8 feet deep and collect one shallow 2'-4' and 6'-8' deep samples directly west of WB-RTS-6.

vi. Total PCB concentrations in soil must be considered and compared to the applicable soil RCL value. Include an updated soil data table(s) and provide a discussion that considers total PCB concentrations in the soils at the site.

KSingh will include total PCBs when we submit the Supplemental SIR as noted below under Next Steps. However, total PCBs are already considered in regards to the Groundwater RCL in the table even if total PCBs aren't provided as a separate row in the table.

B. Groundwater investigation

i. Additional groundwater investigation is required downgradient of the soil contamination identified in Building 7. The DNR recommends that a Wis. Admin. Code ch. NR 141 compliant monitoring well be installed just to the east of Building 7. Groundwater samples should be analyzed for VOCs.

KSingh will perform one (1) exterior groundwater monitoring well directly downgradient from the hotspot location within the building which would be upgradient from MW-4 where VC was detected on two consecutive occasions.

ii. Based on the historic site operations, including the saddlery and paint storage and use along with the detection of per- and poly-fluoroalkyl substances (PFAS) in soil, collect and analyze groundwater samples for PFAS at MW-4, -5 and the additional well requested above.

What will be the PFAs standards as the Natural Resource Board recently rejected the proposed PFAs standards? We will still collect PFAs groundwater samples and use them for informational purposes only.

iii. To help establish a trend for the observed groundwater contamination at this site, perform a minimum of another round of groundwater sampling at each monitoring well and analyze for VOCs.

In addition to the two rounds of VOC sampling pursuant to the SIWP, PCBs were analyzed on the second round. PCBs were not detected exceeding the laboratory's method detection limits. We will analyze another round for VOCs, PCBs, and PFAs as noted in B.i. and B.ii above.

C. Vapor investigation

i. Provide additional information regarding the drain tiles that are found throughout the site. Discuss the purpose of the drain tiles, where they originate, terminate, and the depth at which they are found. Discuss whether the drain tiles are connected to any sumps inside the building. If so, collect water samples from these sumps. Provide a map showing the location of the drain tiles and any sumps located throughout the site.

There are no known drain tiles, these tiles are routinely buried alongside the footing which are located several feet (likely 5 feet or more) beneath the concrete floors. These are typically installed by masons when the footings are installed (typical building construction methods). There are no maps of the drain tiles. If drain tiles exist, they will certainly drain to the combined sewer.

a. If sumps exist within the site buildings, evaluate whether the sumps may be acting as potential conduits for vapor to enter the interior of the buildings. Perform vapor assessments as may be necessary.

The only sumps currently present on site are the one associated with the elevator pits in buildings 4, 6 and 8B. The elevator pits will be sealed to act as vapor barriers and will not pose vapor migration risks.

ii. Provide a map highlighting all the existing historic sewer laterals, where they are connected to the sewer main and the flow direction of the main utility lines.

Sewer laterals are shown on Figures 2 and 3 within the SIR. The combined sewers on N. 33rd St flow to the south towards W. Center St. then east.

iii. As detailed in Additional Subslab Vapor Sampling and Proposed Modification of Remedial Action Plan /Vapor Mitigation System submitted to the DNR on September 14, 2021, K. Singh proposes to install a vapor mitigation system (VMS) that will operate across the entire building footprint, excluding the basement areas. In the SIR, K. Singh proposes a third round of sub-slab vapor sampling from basement sample locations WBSS-2 and WB-SS-8 in the winter of 2021/2022.

Considering the proposed VMS layout excludes the basement areas, perform a third round of sub-slab vapor sampling from each basement sample location throughout the entire site to help determine if mitigation of these basement areas is necessary. This additional sampling should be performed after the heating, ventilation and air conditioning (HVAC) systems are fully operational.

Correct. Sub slab vapor sampling is scheduled for the week of March 7, 2022.

iv. An indoor air sampling program will be required following the installation of the VMS and after the interior construction is completed and HVAC systems are operational. Indoor air samples must also be collected from the basements throughout the site buildings.

Correct.

Next Steps

In consideration of administrative code requirements, the DNR is requesting the implementation of the following schedule:

- Per Wis. Admin. Code § NR 716.14, submit all sampling results within 10 days (on appropriately formatted tables) of receiving laboratory data.

  All SI data has been previously submitted to the WDNR.

- Per Wis. Admin. Code § NR 716.09, submit an SI work plan within 60 days of the date of this letter in response to the comments provided in this letter. Submit the applicable review fee if you would like to request DNR review of and response to the SI work plan.

  KSingh would prefer to use the WDNR letter dated November 22, 2021, and our responses (this letter), and any other supplemental related correspondences moving be considered the revised SIWP.

- Per Wis. Admin. Code § NR 716.15(1), submit a Supplemental SIR within 60 days after completing the additional SI activities related to the above comments. Submit the applicable review fee if you would like to request DNR review of and response to the Supplemental SIR.

  A Supplemental SIR will be prepared and submitted to the WDNR following completion of the additional SI activities.

- Per Wis. Admin. Code § NR 724.11, submit a commissioning plan that includes an indoor air sampling plan to demonstrate that vapor action levels are not exceeded in the indoor air, per Wis. Admin. Code § NR 726.05(4). You may reference RR-800, Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin, for commissioning guidelines. Submit the applicable review fee if you would like to request DNR review of and response to the commissioning plan.

  Once the system is installed and ready for commissioning a commissioning plan will be completed.

Please contact us if you have any questions.

Sincerely,

K. SINGH & ASSOCIATES, INC.

Daniel K. Pelczar, CPG, P.G.
Senior Geologist

Robert T. Reineke, P.E.
Project Manager

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

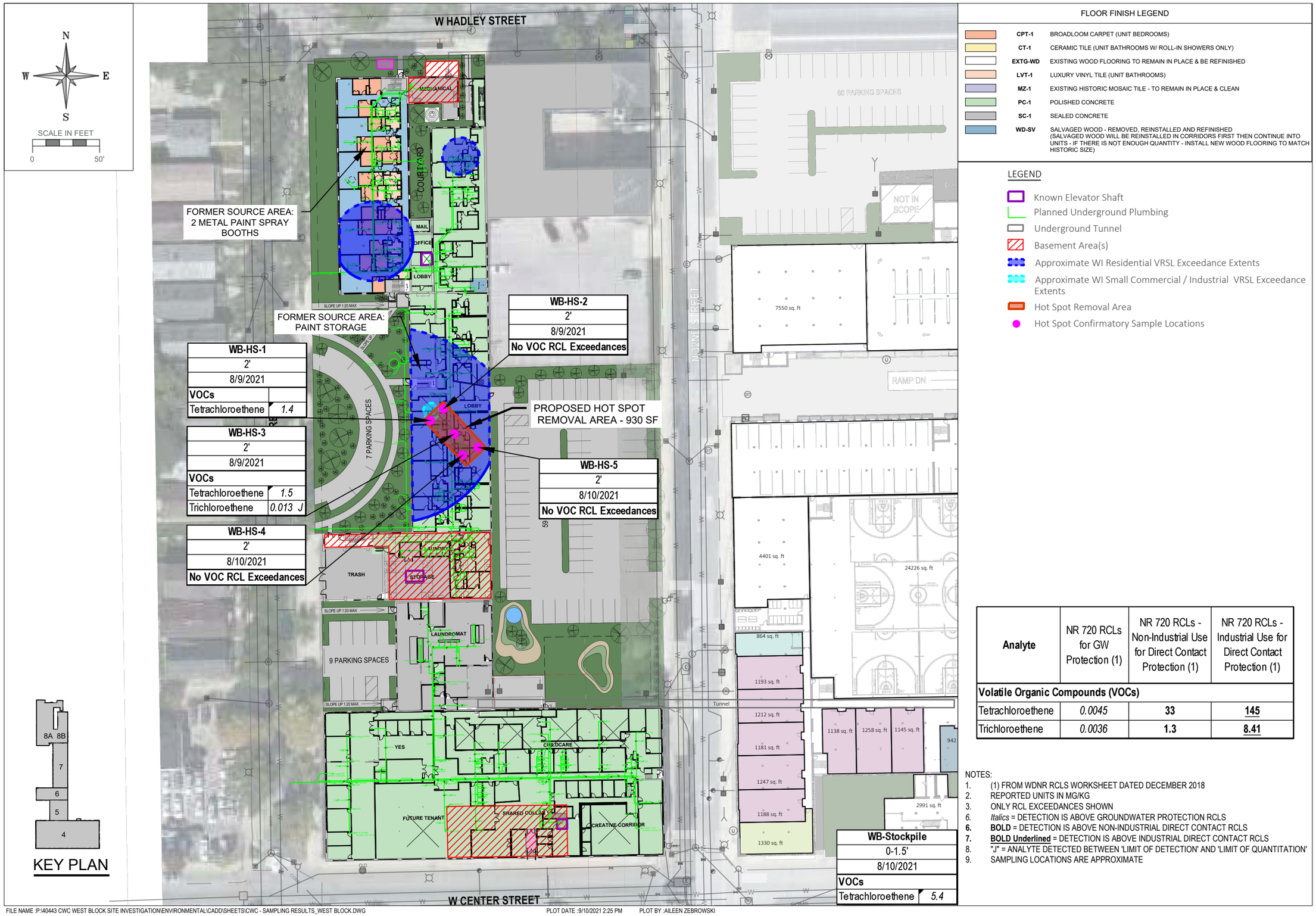
cc: Shane LaFave / Roers Companies
Que El-Amin / Scott Crawford, Inc.

Attachments: Figure 1 – Hot-Spot Confirmatory Sample Locations
Figure 2 – TSSA Confirmatory Soil Sample Locations
Table 1 – Soil Quality Test Results – Hot Spot Confirmatory Sample Locations
Table 2 – Soil Quality Test Results – TSSA Confirmatory Soil Sample Locations
Attachment 1 – Soil Analytical Results

ATTACHMENTS

Figure 1

Confirmatory Sample Locations



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)
- Approximate WI Residential VRSL Exceedance Extents
- Approximate WI Small Commercial / Industrial VRSL Exceedance Extents
- Hot Spot Removal Area
- Hot Spot Confirmatory Sample Locations

Analyte	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)
Volatile Organic Compounds (VOCs)			
Tetrachloroethene	*0.0045*	**33**	**145**
Trichloroethene	*0.0036*	**1.3**	**8.41**

NOTES:
1. (1) FROM WDNR RCLS WORKSHEET DATED DECEMBER 2018
2. REPORTED UNITS IN MG/KG
3. ONLY RCL EXCEEDANCES SHOWN
6. *Italics* = DETECTION IS ABOVE GROUNDWATER PROTECTION RCLS
6. **BOLD** = DETECTION IS ABOVE NON-INDUSTRIAL DIRECT CONTACT RCLS
7. **BOLD Underlined** = DETECTION IS ABOVE INDUSTRIAL DIRECT CONTACT RCLS
8. "J" = ANALYTE DETECTED BETWEEN 'LIMIT OF DETECTION' AND 'LIMIT OF QUANTITATION'
9. SAMPLING LOCATIONS ARE APPROXIMATE

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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	DATE
AMZ	09/09/2021
CHECKED BY	DATE
DKP	09/09/2021

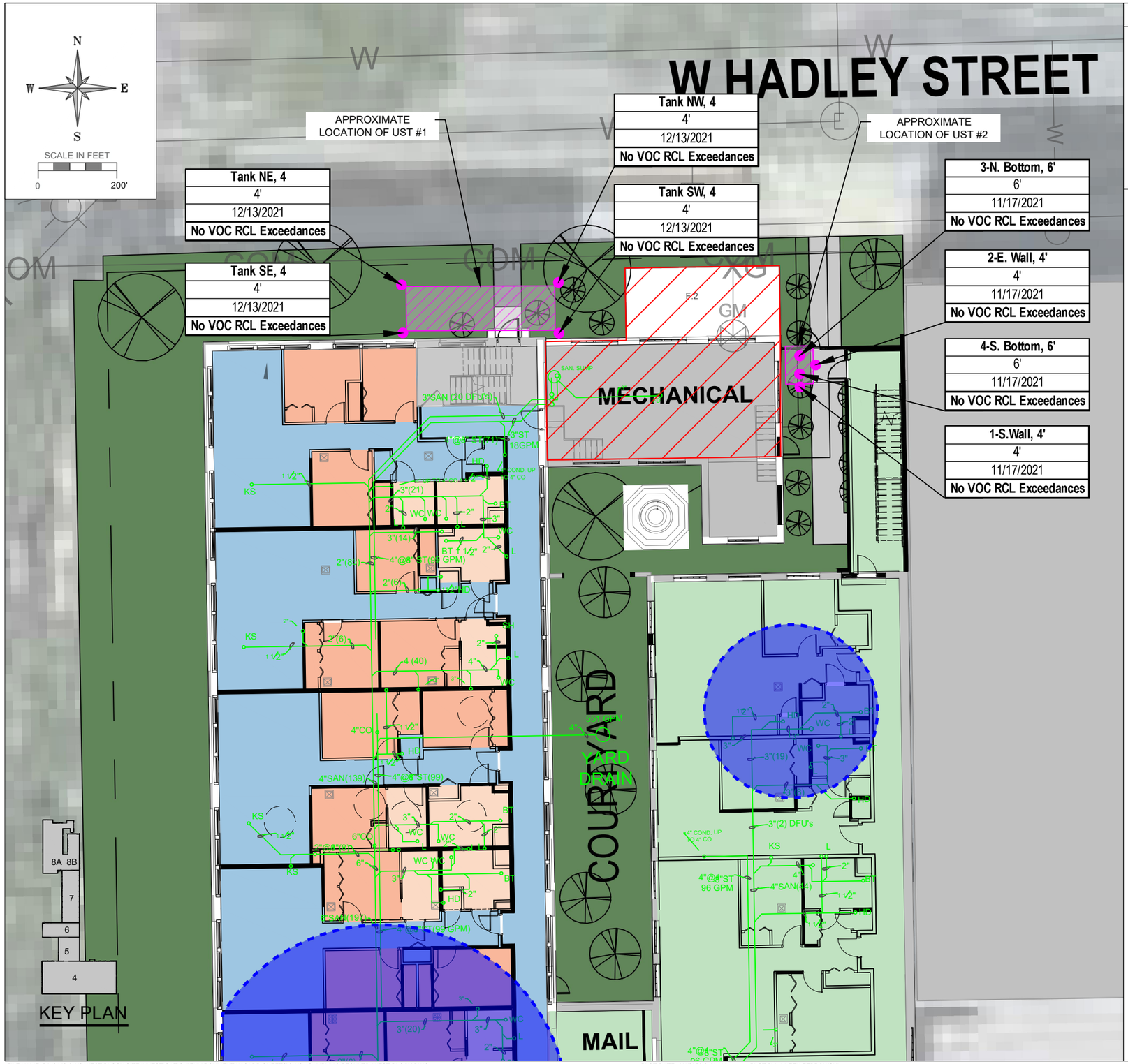
SHEET TITLE
CONFIRMATORY SAMPLE LOCATIONS

FIGURE 1

FILE NAME :P:\40443 CWC WEST BLOCK SITE INVESTIGATION\ENVIRONMENTAL\CADD\SHEETS\CWC - SAMPLING RESULTS_WEST BLOCK.DWG
PLOT DATE :9/10/2021 2:25 PM
PLOT BY :AILEEN ZEBROWSKI

Figure 2

TSSA Confirmatory Soil Sample Locations



FLOOR FINISH LEGEND

CPT-1	BROADLOOM CARPET (UNIT BEDROOMS)
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LEGEND

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REVISIONS	DATE	DESCRIPTION

DRAWN BY	DATE
AMZ	02/14/2022
CHECKED BY	DATE
DKP	02/14/2022

SHEET TITLE

TSSA CONFIRMATORY SOIL SAMPLE LOCATIONS

FIGURE 2

SHEET 2 of SHEET 2

Table 1

Soil Quality Test Results – Hot Spot Confirmatory Sample Locations

TABLE 1
SOIL QUALITY TEST RESULTS - Hot Spit Confirmatory Sample Locations
COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

Sample	Units	Method	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)	Background Threshold Value	WB-HS-1	WB-HS-2	WB-HS-3	WB-HS-4	WB-HS-5	WB-Stockpile
Depth (feet)							2'	2'	2'	2'	2'	0-1.5'
Soil Type							ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	Fill
Soil Conditions							Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Sampling Location							Interior	Interior	Interior	Exterior	Exterior	Exterior
Sampling Date							8/9/2021	8/9/2021	8/9/2021	8/10/2021	8/10/2021	8/10/2021
Physical Characteristics												
Percent Moisture							10.8	10.1	12.2	10.3	18.9	11.4
Percent Solids							89.2	89.9	87.8	89.7	81.1	88.6
Volatile Organic Compounds (VOCs)												
1,1,1,2-Tetrachloroethane	mg/Kg	8260B	0.0534	2.78	12.3	---	<0.034	<0.029	<0.030	<0.028	<0.034	<0.029
1,1,1-Trichloroethane	mg/Kg	8260B	0.1402	640	640	---	<0.028	<0.024	<0.025	<0.023	<0.028	<0.024
1,1,2,2-Tetrachloroethane	mg/Kg	8260B	0.0002	0.81	3.6	---	<0.030	<0.025	<0.026	<0.024	<0.029	<0.025
1,1,2-Trichloroethane	mg/Kg	8260B	0.0032	1.59	7.01	---	<0.026	<0.022	<0.023	<0.022	<0.026	<0.022
1,1-Dichloroethane	mg/Kg	8260B	0.4834	5.06	22.2	---	<0.031	<0.025	<0.026	<0.025	<0.030	<0.026
1,1-Dichloroethene	mg/Kg	8260B	0.005	320	1,190	---	<0.029	<0.024	<0.025	<0.024	<0.029	<0.025
1,1-Dichloropropene	mg/Kg	8260B	---	---	---	---	<0.022	<0.018	<0.019	<0.018	<0.022	<0.019
1,2,3-Trichlorobenzene	mg/Kg	8260B	---	62.6	934	---	<0.034	<0.028	<0.030	<0.028	<0.034	<0.029
1,2,3-Trichloropropane	mg/Kg	8260B	0.0519	0.005	0.109	---	<0.031	<0.026	<0.027	<0.025	<0.030	<0.026
1,2,4-Trichlorobenzene	mg/Kg	8260B	0.408	24	113	---	<0.025	<0.021	<0.022	<0.021	<0.025	<0.022
1,2,4-Trimethylbenzene	mg/Kg	8260B	1.3787**	219	219	---	<0.027	<0.022	<0.023	<0.022	<0.026	<0.023
1,2-Dibromo-3-Chloropropane	mg/Kg	8260B	0.0002	0.008	0.092	---	<0.15	<0.12	<0.13	<0.12	<0.15	<0.13
1,2-Dibromoethane	mg/Kg	8260B	0.0000282	0.05	0.221	---	<0.029	<0.024	<0.025	<0.024	<0.028	<0.024
1,2-Dichlorobenzene	mg/Kg	8260B	1.168	376	376	---	<0.025	<0.021	<0.022	<0.021	<0.024	<0.021
1,2-Dichloroethane	mg/Kg	8260B	0.0028	0.652	2.87	---	<0.029	<0.024	<0.025	<0.024	<0.029	<0.025
1,2-Dichloropropane	mg/Kg	8260B	0.0033	3.4	15	---	<0.032	<0.027	<0.028	<0.026	<0.031	<0.027
1,3,5-Trimethylbenzene	mg/Kg	8260B	1.3787**	182	182	---	<0.028	<0.024	<0.025	<0.023	<0.028	<0.024
1,3-Dichlorobenzene	mg/Kg	8260B	1.1528	297	297	---	<0.030	<0.025	<0.026	<0.025	<0.029	<0.025
1,3-Dichloropropane	mg/Kg	8260B	0.0003	2.37	10.6	---	<0.027	<0.022	<0.023	<0.022	<0.027	<0.023
1,4-Dichlorobenzene	mg/Kg	8260B	0.144	3.74	16.4	---	<0.027	<0.023	<0.023	<0.022	<0.027	<0.023
2,2-Dichloropropane	mg/Kg	8260B	---	191	191	---	<0.033	<0.028	<0.029	<0.027	<0.033	<0.028
2-Chlorotoluene	mg/Kg	8260B	---	907	907	---	<0.023	<0.019	<0.020	<0.019	<0.023	<0.020
4-Chlorotoluene	mg/Kg	8260B	---	253	253	---	<0.026	<0.022	<0.023	<0.022	<0.026	<0.022
Benzene	mg/Kg	8260B	0.0051	1.6	7.07	---	<0.011	<0.0091	<0.0094	<0.0090	<0.011	0.013 J
Bromobenzene	mg/Kg	8260B	---	342	679	---	<0.027	<0.022	<0.023	<0.022	<0.026	<0.022
Bromochloromethane	mg/Kg	8260B	---	216	906	---	<0.032	<0.027	<0.028	<0.026	<0.031	<0.027
Bromodichloromethane	mg/Kg	8260B	0.0003	0.418	1.83	---	<0.028	<0.023	<0.024	<0.023	<0.027	<0.023
Bromoform	mg/Kg	8260B	0.0023	25.4	113	---	<0.036	<0.030	<0.031	<0.030	<0.035	<0.030
Bromomethane	mg/Kg	8260B	0.0051	9.6	43	---	<0.059	<0.049	<0.051	<0.049	<0.058	<0.050
Carbon tetrachloride	mg/Kg	8260B	0.0039	0.916	4.03	---	<0.029	<0.024	<0.025	<0.024	<0.028	<0.024
Chlorobenzene	mg/Kg	8260B	---	370	761	---	<0.029	<0.024	<0.025	<0.024	<0.028	<0.024
Chloroethane	mg/Kg	8260B	0.2266	2,120	2,120	---	<0.038	<0.031	<0.033	<0.031	<0.037	<0.032
Chloroform	mg/Kg	8260B	0.0033	0.454	1.98	---	<0.028	<0.023	<0.024	<0.023	<0.027	<0.023
Chloromethane	mg/Kg	8260B	0.0155	159	669	---	<0.024	<0.020	<0.021	<0.020	<0.023	<0.020
cis-1,2-Dichloroethene	mg/Kg	8260B	0.0412	156	2,340	---	<0.030	<0.025	<0.026	<0.025	<0.030	<0.026
cis-1,3-Dichloropropene	mg/Kg	8260B	0.0003	1,210	1,210	---	<0.031	<0.026	<0.027	<0.026	<0.030	<0.026
Dibromochloromethane	mg/Kg	8260B	0.032	8.28	38.9	---	<0.036	<0.030	<0.032	<0.030	<0.036	<0.031
Dibromomethane	mg/Kg	8260B	---	34	143	---	<0.020	<0.017	<0.017	<0.017	<0.020	<0.017
Dichlorodifluoromethane	mg/Kg	8260B	3.0863	126	530	---	<0.050	<0.042	<0.044	<0.041	<0.049	<0.042
Ethylbenzene	mg/Kg	8260B	1.57	8.02	35.4	---	<0.014	<0.011	<0.012	<0.011	<0.013	<0.012
Hexachlorobutadiene	mg/Kg	8260B	---	1.63	7.19	---	<0.033	<0.028	<0.029	<0.027	<0.033	<0.028
Isopropyl ether	mg/Kg	8260B	---	2,260	2,260	---	<0.021	<0.017	<0.018	<0.017	<0.020	<0.017
Isopropylbenzene	mg/Kg	8260B	---	268	268	---	<0.029	<0.024	<0.025	<0.024	<0.028	<0.024
Methyl tert-butyl ether	mg/Kg	8260B	0.027	63.8	282	---	<0.029	<0.024	<0.025	<0.024	<0.029	<0.025
Methylene Chloride	mg/Kg	8260B	0.0026	61.8	1,150	---	<0.12	<0.10	<0.11	<0.10	<0.12	<0.10
Naphthalene	mg/Kg	8260B	0.658182	5.52	24.10	---	<0.025	<0.021	<0.022	<0.021	<0.024	<0.021
n-Butylbenzene	mg/Kg	8260B	---	108	108	---	<0.029	<0.024	<0.025	<0.024	<0.028	<0.024
N-Propylbenzene	mg/Kg	8260B	---	264	264	---	<0.031	<0.026	<0.027	<0.025	<0.030	<0.026
p-Isopropyltoluene	mg/Kg	8260B	---	162	162	---	<0.027	<0.022	<0.023	<0.022	<0.027	<0.023
sec-Butylbenzene	mg/Kg	8260B	---	145	145	---	<0.030	<0.025	<0.026	<0.024	<0.029	<0.025
Styrene	mg/Kg	8260B	0.22	867	867	---	<0.029	<0.024	<0.025	<0.024	<0.028	<0.024

TABLE 1
SOIL QUALITY TEST RESULTS - Hot Spit Confirmatory Sample Locations
COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

Sample	Units	Method	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)	Background Threshold Value	**WB-HS-1**	**WB-HS-2**	**WB-HS-3**	**WB-HS-4**	**WB-HS-5**	**WB-Stockpile**
Depth (feet)							2'	2'	2'	2'	2'	0-1.5'
Soil Type							ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	Fill
Soil Conditions							Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Sampling Location							Interior	Interior	Interior	Exterior	Exterior	Exterior
Sampling Date							8/9/2021	8/9/2021	8/9/2021	8/10/2021	8/10/2021	8/10/2021
tert-Butylbenzene	mg/Kg	8260B	---	183	183	---	<0.030	<0.025	<0.026	<0.024	<0.029	<0.025
Tetrachloroethene	mg/Kg	8260B	0.0045	33	145	---	**1.4**	<0.023	**1.5**	<0.023	<0.027	**5.4**
Toluene	mg/Kg	8260B	1.1072	818	818	---	<0.011	<0.0091	<0.0095	<0.0090	<0.011	<0.0092
trans-1,2-Dichloroethene	mg/Kg	8260B	0.0626	1560	1850	---	<0.026	<0.022	<0.023	<0.022	<0.026	<0.022
trans-1,3-Dichloropropene	mg/Kg	8260B	---	1,510	1,510	---	<0.027	<0.022	<0.023	<0.022	<0.027	<0.023
Trichloroethene	mg/Kg	8260B	0.0036	1.3	8.41	---	<0.012	<0.010	**0.013 J**	<0.010	<0.012	<0.010
Trichlorofluoromethane	mg/Kg	8260B	---	1,230	1,230	---	<0.032	<0.027	<0.028	<0.026	<0.031	<0.027
Vinyl chloride	mg/Kg	8260B	0.0001	0.067	2.08	---	<0.020	<0.016	<0.017	<0.016	<0.019	<0.016
Xylenes, Total	mg/Kg	8260B	3.96	1,212	1212	---	<0.016	<0.014	<0.014	<0.014	<0.016	<0.014

Notes:

(1) From WDNR RCLs Worksheet dated December 2018

BOLD Italicized *v* alues exceed Groundwater Protection

BOLD values exceed Non-Industrial Direct Contact

BOLD Underlined values exceed Industrial Direct-Contact RCLs

--- = Not analyzed / No established standard

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

Table 2

Soil Quality Test Results – TSSA Confirmatory Soil Sample Locations

TABLE 2
SOIL QUALITY TEST RESULTS - TSSA Confirmatory Sample Locations
COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

Tank ID							64" Diameter x 6' Length (1000 gal)				64' Diameter x 12' Length (2000 gal)			
Sample	Units	Method	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)	Background Threshold Value	**1-S.Wall, 4'**	**2-E. Wall, 4'**	**3-N. Bottom, 6'**	**4-S. Bottom, 6'**	**Tank SE, 4**	**Tank SW, 4**	**Tank NE, 4**	**Tank NW, 4**
Depth (feet)							4'	4'	6'	6'	4'	4'	4'	4'
Soil Type							CL	CL	CL	CL	CL	CL	CL	CL
Soil Conditions							Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Sampling Location							South Wall	East Wall	North Bottom	South Bottom	Southeast Wall	Southwest Wall	Northeast Bottom	Northwest Bottom
Sampling Date							11/17/2021	11/17/2021	11/17/2021	11/17/2021	12/13/2021	12/13/2021	12/13/2021	12/13/2021
Physical Characteristics														
Percent Moisture							4	5.9	16.6	7.2	13.4	14.1	14.4	15.9
Percent Solids							96	94.1	86.4	92.8	86.6	85.9	85.6	84.1
Volatile Organic Compounds (VOCs)														
1,1,1,2-Tetrachloroethane	mg/Kg	8260B	0.0534	2.78	12.3	---	<0.024	<0.026	<0.032	<0.025	<0.029	<0.030	<0.031	<0.031
1,1,1-Trichloroethane	mg/Kg	8260B	0.1402	640	640	---	<0.020	<0.021	<0.026	<0.021	<0.024	<0.025	<0.026	<0.026
1,1,2,2-Tetrachloroethane	mg/Kg	8260B	0.0002	0.81	3.6	---	<0.021	<0.022	<0.028	<0.022	<0.025	<0.026	<0.027	<0.027
1,1,2-Trichloroethane	mg/Kg	8260B	0.0032	1.59	7.01	---	<0.018	<0.020	<0.024	<0.019	<0.022	<0.023	<0.024	<0.024
1,1-Dichloroethane	mg/Kg	8260B	0.4834	5.06	22.2	---	<0.021	<0.023	<0.028	<0.022	<0.026	<0.027	<0.028	<0.028
1,1-Dichloroethene	mg/Kg	8260B	0.005	320	1,190	---	<0.020	<0.022	<0.027	<0.021	<0.025	<0.026	<0.026	<0.027
1,1-Dichloropropene	mg/Kg	8260B	---	---	---	---	<0.015	<0.017	<0.021	<0.016	<0.019	<0.020	<0.020	<0.020
1,2,3-Trichlorobenzene	mg/Kg	8260B	---	62.6	934	---	<0.024	<0.025	<0.032	<0.025	<0.029	<0.030	<0.031	<0.031
1,2,3-Trichloropropane	mg/Kg	8260B	0.0519	0.005	0.109	---	<0.021	<0.023	<0.029	<0.023	<0.026	<0.027	<0.028	<0.028
1,2,4-Trichlorobenzene	mg/Kg	8260B	0.408	24	113	---	<0.018	<0.019	<0.024	<0.019	<0.021	<0.022	<0.023	<0.023
1,2,4-Trimethylbenzene	mg/Kg	8260B	1.3787**	219	219	---	<0.019	0.023 J	<0.025	<0.020	<0.022	<0.023	<0.024	<0.024
1,2-Dibromo-3-Chloropropane	mg/Kg	8260B	0.0002	0.008	0.092	---	<0.10	<0.11	<0.14	<0.11	<0.13	<0.13	<0.13	<0.14
1,2-Dibromoethane	mg/Kg	8260B	0.0000282	0.05	0.221	---	<0.020	<0.021	<0.027	<0.021	<0.024	<0.025	<0.026	<0.026
1,2-Dichlorobenzene	mg/Kg	8260B	1.168	376	376	---	<0.017	<0.019	<0.023	<0.018	<0.021	<0.022	<0.023	<0.023
1,2-Dichloroethane	mg/Kg	8260B	0.0028	0.652	2.87	---	<0.020	<0.022	<0.027	<0.021	<0.025	<0.026	<0.026	<0.027
1,2-Dichloropropane	mg/Kg	8260B	0.0033	3.4	15	---	<0.022	<0.024	<0.030	<0.023	<0.027	<0.028	<0.029	<0.029
1,3,5-Trimethylbenzene	mg/Kg	8260B	1.3787**	182	182	---	<0.020	0.028 J	<0.026	<0.021	<0.024	<0.025	<0.026	<0.026
1,3-Dichlorobenzene	mg/Kg	8260B	1.1528	297	297	---	<0.021	<0.022	<0.028	<0.022	<0.025	<0.026	<0.027	<0.027
1,3-Dichloropropane	mg/Kg	8260B	0.0003	2.37	10.6	---	<0.019	<0.020	<0.025	<0.020	<0.023	<0.024	<0.024	<0.025
1,4-Dichlorobenzene	mg/Kg	8260B	0.144	3.74	16.4	---	<0.019	<0.020	<0.025	<0.020	<0.023	<0.024	<0.025	<0.025
2,2-Dichloropropane	mg/Kg	8260B	---	191	191	---	<0.023	<0.025	<0.031	<0.024	<0.028	<0.029	<0.030	<0.030
2-Chlorotoluene	mg/Kg	8260B	---	907	907	---	<0.016	<0.017	<0.022	<0.017	<0.020	<0.021	<0.021	<0.021
4-Chlorotoluene	mg/Kg	8260B	---	253	253	---	<0.018	<0.019	<0.024	<0.019	<0.022	<0.023	<0.024	<0.024
Benzene	mg/Kg	8260B	0.0051	1.6	7.07	---	<0.0076	<0.0081	<0.010	<0.0080	<0.0092	<0.0096	<0.0099	<0.0099
Bromobenzene	mg/Kg	8260B	---	342	679	---	<0.018	<0.020	<0.025	<0.019	<0.022	<0.023	<0.024	<0.024
Bromochloromethane	mg/Kg	8260B	---	216	906	---	<0.022	<0.024	<0.030	<0.023	<0.027	<0.028	<0.029	<0.029
Bromodichloromethane	mg/Kg	8260B	0.0003	0.418	1.83	---	<0.019	<0.021	<0.026	<0.020	<0.023	<0.024	<0.025	<0.025
Bromoform	mg/Kg	8260B	0.0023	25.4	113	---	<0.025	<0.027	<0.034	<0.027	<0.030	<0.032	<0.033	<0.033
Bromomethane	mg/Kg	8260B	0.0051	9.6	43	---	<0.041	<0.044	<0.055	<0.044	<0.050	<0.052	<0.054	<0.054
Carbon tetrachloride	mg/Kg	8260B	0.0039	0.916	4.03	---	<0.020	<0.021	<0.027	<0.021	<0.024	<0.025	<0.026	<0.026
Chlorobenzene	mg/Kg	8260B	---	370	761	---	<0.020	<0.021	<0.027	<0.021	<0.024	<0.025	<0.026	<0.026
Chloroethane	mg/Kg	8260B	0.2266	2,120	2,120	---	<0.026	<0.028	<0.035	<0.028	<0.032	<0.033	<0.034	<0.034
Chloroform	mg/Kg	8260B	0.0033	0.454	1.98	---	<0.019	<0.020	<0.026	<0.020	<0.023	<0.024	<0.025	<0.025
Chloromethane	mg/Kg	8260B	0.0155	159	669	---	<0.017	<0.018	<0.022	<0.018	<0.020	<0.021	<0.022	<0.022
cis-1,2-Dichloroethene	mg/Kg	8260B	0.0412	156	2,340	---	<0.021	<0.023	<0.028	<0.022	<0.026	<0.027	<0.028	<0.028
cis-1,3-Dichloropropene	mg/Kg	8260B	0.0003	1,210	1,210	---	<0.022	<0.023	<0.029	<0.023	<0.026	<0.027	<0.028	<0.028
Dibromochloromethane	mg/Kg	8260B	0.032	8.28	38.9	---	<0.025	<0.027	<0.034	<0.027	<0.031	<0.032	<0.033	<0.033
Dibromomethane	mg/Kg	8260B	---	34	143	---	<0.014	<0.015	<0.019	<0.015	<0.017	<0.018	<0.018	<0.018
Dichlorodifluoromethane	mg/Kg	8260B	3.0863	126	530	---	<0.035	<0.037	<0.047	<0.037	<0.042	<0.044	<0.045	<0.046
Ethylbenzene	mg/Kg	8260B	1.57	8.02	35.4	---	<0.0095	0.015	<0.013	<0.010	<0.012	<0.012	<0.012	<0.012
Hexachlorobutadiene	mg/Kg	8260B	---	1.63	7.19	---	<0.023	<0.025	<0.031	<0.024	<0.028	<0.029	<0.030	<0.030
Isopropyl ether	mg/Kg	8260B	---	2,260	2,260	---	<0.014	<0.015	<0.019	<0.015	<0.017	<0.018	<0.019	<0.019
Isopropylbenzene	mg/Kg	8260B	---	268	268	---	<0.020	<0.021	<0.027	<0.021	<0.024	<0.025	<0.026	<0.026
Methyl tert-butyl ether	mg/Kg	8260B	0.027	63.8	282	---	<0.020	<0.022	<0.027	<0.022	<0.025	<0.026	<0.027	<0.027
Methylene Chloride	mg/Kg	8260B	0.0026	61.8	1,150	---	<0.084	<0.090	<0.11	<0.089	<0.10	<0.11	<0.11	<0.11
Naphthalene	mg/Kg	8260B	0.658182	5.52	24.10	---	<0.017	0.028 J B	<0.023	<0.018	<0.021	<0.022	<0.023	<0.023
n-Butylbenzene	mg/Kg	8260B	---	108	108	---	<0.020	<0.021	<0.027	<0.021	<0.024	<0.025	<0.026	<0.026
N-Propylbenzene	mg/Kg	8260B	---	264	264	---	<0.021	<0.023	<0.029	<0.023	<0.026	<0.027	<0.028	<0.028
p-Isopropyltoluene	mg/Kg	8260B	---	162	162	---	<0.019	<0.020	<0.025	<0.020	<0.023	<0.024	<0.024	<0.025
sec-Butylbenzene	mg/Kg	8260B	---	145	145	---	<0.021	<0.022	<0.028	<0.022	<0.025	<0.026	<0.027	<0.027

TABLE 2
SOIL QUALITY TEST RESULTS - TSSA Confirmatory Sample Locations
COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

Sample	Units	Method	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)	Background Threshold Value	**1-S.Wall, 4'**	**2-E. Wall, 4'**	**3-N. Bottom, 6'**	**4-S. Bottom, 6'**	**Tank SE, 4**	**Tank SW, 4**	**Tank NE, 4**	**Tank NW, 4**
Depth (feet)							4'	4'	6'	6'	4'	4'	4'	4'
Soil Type							CL	CL	CL	CL	CL	CL	CL	CL
Soil Conditions							Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Sampling Location							South Wall	East Wall	North Bottom	South Bottom	Southeast Wall	Southwest Wall	Northeast Bottom	Northwest Bottom
Sampling Date							11/17/2021	11/17/2021	11/17/2021	11/17/2021	12/13/2021	12/13/2021	12/13/2021	12/13/2021
Styrene	mg/Kg	8260B	0.22	867	867	---	<0.020	<0.021	<0.027	<0.021	<0.024	<0.025	<0.026	<0.026
tert-Butylbenzene	mg/Kg	8260B	---	183	183	---	<0.021	<0.022	<0.028	<0.022	<0.025	<0.026	<0.027	<0.027
Tetrachloroethene	mg/Kg	8260B	0.0045	33	145	---	<0.019	<0.020	<0.026	<0.020	<0.023	<0.024	<0.025	<0.025
Toluene	mg/Kg	8260B	1.1072	818	818	---	<0.0076	0.024	<0.010	<0.0080	<0.0092	<0.0096	<0.0099	<0.010
trans-1,2-Dichloroethene	mg/Kg	8260B	0.0626	1560	1850	---	<0.018	<0.019	<0.024	<0.019	<0.022	<0.023	<0.024	<0.024
trans-1,3-Dichloropropene	mg/Kg	8260B	---	1,510	1,510	---	<0.019	<0.020	<0.025	<0.020	<0.023	<0.024	<0.024	<0.025
Trichloroethene	mg/Kg	8260B	0.0036	1.3	8.41	---	<0.0085	<0.0091	<0.011	<0.0090	<0.010	<0.011	<0.011	<0.011
Trichlorofluoromethane	mg/Kg	8260B	---	1,230	1,230	---	<0.022	<0.024	<0.030	<0.023	<0.027	<0.028	<0.029	<0.029
Vinyl chloride	mg/Kg	8260B	0.0001	0.067	2.08	---	<0.014	<0.015	<0.018	<0.014	<0.016	<0.017	<0.018	<0.018
Xylenes, Total	mg/Kg	8260B	3.96	1,212	1212	---	<0.011	0.073	<0.015	<0.012	<0.014	<0.014	<0.015	<0.015

Notes:

(1) From WDNR RCLs Worksheet dated December 2018

BOLD Italicized *v* alues exceed Groundwater Protection

BOLD values exceed Non-Industrial Direct Contact

BOLD Underlined values exceed Industrial Direct-Contact RCLs

--- = Not analyzed / No established standard

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

Attachment 1

Soil Analytical Results

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-203662-1
Client Project/Site: Community Within the Corridor - West Block 40443

For:
K. Singh & Associates, Inc
3636 N. 124th Street
Wauwatosa, Wisconsin 53222

Attn: Mr. Robert Reineke

Sandie Fredrick

Authorized for release by:
8/24/2021 2:54:22 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

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Case Narrative

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block 40443

Job ID: 500-203662-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-203662-1

Comments
No additional comments.

Receipt
The samples were received on 8/12/2021 9:55 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 2.4º C.

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

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

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-1, 2'
Lab Sample ID: 500-203662-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.4		0.075	0.028	mg/Kg	50	☼	8260B	Total/NA

Client Sample ID: WB-HS-2, 2'
Lab Sample ID: 500-203662-2

No Detections.

Client Sample ID: WB-HS-3, 2'
Lab Sample ID: 500-203662-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5		0.065	0.024	mg/Kg	50	☼	8260B	Total/NA
Trichloroethene	0.013	J	0.032	0.011	mg/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = Eurofins TestAmerica, 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
40443

Job ID: 500-203662-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-203662-1	WB-HS-1, 2'	Solid	08/09/21 11:00	08/12/21 09:55
500-203662-2	WB-HS-2, 2'	Solid	08/09/21 13:30	08/12/21 09:55
500-203662-3	WB-HS-3, 2'	Solid	08/09/21 14:30	08/12/21 09:55

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-1, 2'
Lab Sample ID: 500-203662-1
Date Collected: 08/09/21 11:00
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.034		0.075	0.034	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,1,1-Trichloroethane	<0.028		0.075	0.028	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,1,2,2-Tetrachloroethane	<0.030		0.075	0.030	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,1,2-Trichloroethane	<0.026		0.075	0.026	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,1-Dichloroethane	<0.031		0.075	0.031	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,1-Dichloroethene	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,1-Dichloropropene	<0.022		0.075	0.022	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2,3-Trichlorobenzene	<0.034		0.075	0.034	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2,3-Trichloropropane	<0.031		0.15	0.031	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2,4-Trichlorobenzene	<0.025		0.075	0.025	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2,4-Trimethylbenzene	<0.027		0.075	0.027	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2-Dibromo-3-Chloropropane	<0.15		0.37	0.15	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2-Dibromoethane	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2-Dichlorobenzene	<0.025		0.075	0.025	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2-Dichloroethane	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,2-Dichloropropane	<0.032		0.075	0.032	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,3,5-Trimethylbenzene	<0.028		0.075	0.028	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,3-Dichlorobenzene	<0.030		0.075	0.030	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,3-Dichloropropane	<0.027		0.075	0.027	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
1,4-Dichlorobenzene	<0.027		0.075	0.027	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
2,2-Dichloropropane	<0.033		0.075	0.033	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
2-Chlorotoluene	<0.023		0.075	0.023	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
4-Chlorotoluene	<0.026		0.075	0.026	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Benzene	<0.011		0.019	0.011	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Bromobenzene	<0.027		0.075	0.027	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Bromochloromethane	<0.032		0.075	0.032	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Bromodichloromethane	<0.028		0.075	0.028	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Bromoform	<0.036		0.075	0.036	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Bromomethane	<0.059		0.22	0.059	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Carbon tetrachloride	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Chlorobenzene	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Chloroethane	<0.038		0.075	0.038	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Chloroform	<0.028		0.15	0.028	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Chloromethane	<0.024		0.075	0.024	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
cis-1,2-Dichloroethene	<0.030		0.075	0.030	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
cis-1,3-Dichloropropene	<0.031		0.075	0.031	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Dibromochloromethane	<0.036		0.075	0.036	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Dibromomethane	<0.020		0.075	0.020	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Dichlorodifluoromethane	<0.050		0.22	0.050	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Ethylbenzene	<0.014		0.019	0.014	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Hexachlorobutadiene	<0.033		0.075	0.033	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Isopropyl ether	<0.021		0.075	0.021	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Isopropylbenzene	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Methyl tert-butyl ether	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Methylene Chloride	<0.12		0.37	0.12	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Naphthalene	<0.025		0.075	0.025	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
n-Butylbenzene	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
N-Propylbenzene	<0.031		0.075	0.031	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-1, 2'
Lab Sample ID: 500-203662-1
Date Collected: 08/09/21 11:00
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.027		0.075	0.027	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
sec-Butylbenzene	<0.030		0.075	0.030	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Styrene	<0.029		0.075	0.029	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
tert-Butylbenzene	<0.030		0.075	0.030	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Tetrachloroethene	**1.4**		0.075	0.028	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Toluene	<0.011		0.019	0.011	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
trans-1,2-Dichloroethene	<0.026		0.075	0.026	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
trans-1,3-Dichloropropene	<0.027		0.075	0.027	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Trichloroethene	<0.012		0.037	0.012	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Trichlorofluoromethane	<0.032		0.075	0.032	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Vinyl chloride	<0.020		0.075	0.020	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50
Xylenes, Total	<0.016		0.037	0.016	mg/Kg	☼	08/09/21 11:00	08/18/21 15:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*08/09/21 11:00*	*08/18/21 15:44*	*50*
4-Bromofluorobenzene (Surr)	*77*		*72 - 124*	*08/09/21 11:00*	*08/18/21 15:44*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*08/09/21 11:00*	*08/18/21 15:44*	*50*
Toluene-d8 (Surr)	*90*		*75 - 120*	*08/09/21 11:00*	*08/18/21 15:44*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-2, 2'
Lab Sample ID: 500-203662-2
Date Collected: 08/09/21 13:30
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.029		0.062	0.029	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,1,1-Trichloroethane	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,1,2,2-Tetrachloroethane	<0.025		0.062	0.025	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,1,2-Trichloroethane	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,1-Dichloroethane	<0.025		0.062	0.025	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,1-Dichloroethene	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,1-Dichloropropene	<0.018		0.062	0.018	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2,3-Trichlorobenzene	<0.028		0.062	0.028	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2,3-Trichloropropane	<0.026		0.12	0.026	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2,4-Trichlorobenzene	<0.021		0.062	0.021	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2,4-Trimethylbenzene	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2-Dibromoethane	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2-Dichlorobenzene	<0.021		0.062	0.021	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2-Dichloroethane	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,2-Dichloropropane	<0.027		0.062	0.027	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,3,5-Trimethylbenzene	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,3-Dichlorobenzene	<0.025		0.062	0.025	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,3-Dichloropropane	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
1,4-Dichlorobenzene	<0.023		0.062	0.023	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
2,2-Dichloropropane	<0.028		0.062	0.028	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
2-Chlorotoluene	<0.019		0.062	0.019	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
4-Chlorotoluene	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Benzene	<0.0091		0.016	0.0091	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Bromobenzene	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Bromochloromethane	<0.027		0.062	0.027	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Bromodichloromethane	<0.023		0.062	0.023	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Bromoform	<0.030		0.062	0.030	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Bromomethane	<0.049		0.19	0.049	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Carbon tetrachloride	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Chlorobenzene	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Chloroethane	<0.031		0.062	0.031	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Chloroform	<0.023		0.12	0.023	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Chloromethane	<0.020		0.062	0.020	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
cis-1,2-Dichloroethene	<0.025		0.062	0.025	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
cis-1,3-Dichloropropene	<0.026		0.062	0.026	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Dibromochloromethane	<0.030		0.062	0.030	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Dibromomethane	<0.017		0.062	0.017	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Ethylbenzene	<0.011		0.016	0.011	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Hexachlorobutadiene	<0.028		0.062	0.028	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Isopropyl ether	<0.017		0.062	0.017	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Isopropylbenzene	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Methyl tert-butyl ether	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Naphthalene	<0.021		0.062	0.021	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
n-Butylbenzene	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
N-Propylbenzene	<0.026		0.062	0.026	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-2, 2'
Lab Sample ID: 500-203662-2
Date Collected: 08/09/21 13:30
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
sec-Butylbenzene	<0.025		0.062	0.025	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Styrene	<0.024		0.062	0.024	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
tert-Butylbenzene	<0.025		0.062	0.025	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Tetrachloroethene	<0.023		0.062	0.023	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Toluene	<0.0091		0.016	0.0091	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
trans-1,2-Dichloroethene	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
trans-1,3-Dichloropropene	<0.022		0.062	0.022	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Trichlorofluoromethane	<0.027		0.062	0.027	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Vinyl chloride	<0.016		0.062	0.016	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	08/09/21 13:30	08/18/21 16:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*	*08/09/21 13:30*	*08/18/21 16:11*	*50*
4-Bromofluorobenzene (Surr)	*79*		*72 - 124*	*08/09/21 13:30*	*08/18/21 16:11*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*08/09/21 13:30*	*08/18/21 16:11*	*50*
Toluene-d8 (Surr)	*90*		*75 - 120*	*08/09/21 13:30*	*08/18/21 16:11*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-3, 2'
Lab Sample ID: 500-203662-3
Date Collected: 08/09/21 14:30
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 87.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030		0.065	0.030	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,1,2-Trichloroethane	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,1-Dichloroethane	<0.026		0.065	0.026	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2-Dibromoethane	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2-Dichlorobenzene	<0.022		0.065	0.022	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2-Dichloroethane	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,2-Dichloropropane	<0.028		0.065	0.028	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,3-Dichlorobenzene	<0.026		0.065	0.026	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,3-Dichloropropane	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
1,4-Dichlorobenzene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Benzene	<0.0094		0.016	0.0094	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Bromobenzene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Bromochloromethane	<0.028		0.065	0.028	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Bromodichloromethane	<0.024		0.065	0.024	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Bromoform	<0.031		0.065	0.031	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Bromomethane	<0.051		0.19	0.051	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Chlorobenzene	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Chloroethane	<0.033		0.065	0.033	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Chloroform	<0.024		0.13	0.024	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
cis-1,2-Dichloroethene	<0.026		0.065	0.026	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Dibromochloromethane	<0.032		0.065	0.032	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Dibromomethane	<0.017		0.065	0.017	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Dichlorodifluoromethane	<0.044		0.19	0.044	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Methyl tert-butyl ether	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Methylene Chloride	<0.11		0.32	0.11	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Naphthalene	<0.022		0.065	0.022	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
n-Butylbenzene	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50

Client Sample ID: WB-HS-3, 2'
Date Collected: 08/09/21 14:30
Date Received: 08/12/21 09:55

Lab Sample ID: 500-203662-3
Matrix: Solid
Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
sec-Butylbenzene	<0.026		0.065	0.026	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Styrene	<0.025		0.065	0.025	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Tetrachloroethene	**1.5**		0.065	0.024	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Toluene	<0.0095		0.016	0.0095	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
trans-1,3-Dichloropropene	<0.023		0.065	0.023	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Trichloroethene	**0.013**	**J**	0.032	0.011	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	☼	08/09/21 14:30	08/18/21 16:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*	*08/09/21 14:30*	*08/18/21 16:38*	*50*
4-Bromofluorobenzene (Surr)	*78*		*72 - 124*	*08/09/21 14:30*	*08/18/21 16:38*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*08/09/21 14:30*	*08/18/21 16:38*	*50*
Toluene-d8 (Surr)	*89*		*75 - 120*	*08/09/21 14:30*	*08/18/21 16:38*	*50*

Definitions/Glossary

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

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.

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)
TNTC	Too Numerous To Count

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

GC/MS VOA

Prep Batch: 614064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-203662-1	WB-HS-1, 2'	Total/NA	Solid	5035	
500-203662-2	WB-HS-2, 2'	Total/NA	Solid	5035	
500-203662-3	WB-HS-3, 2'	Total/NA	Solid	5035	
LB3 500-614064/11-A	Method Blank	Total/NA	Solid	5035	
LCS 500-614064/12-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 614107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-614064/11-A	Method Blank	Total/NA	Solid	8260B	614064
MB 500-614107/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-614064/12-A	Lab Control Sample	Total/NA	Solid	8260B	614064
LCS 500-614107/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 614737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-203662-1	WB-HS-1, 2'	Total/NA	Solid	8260B	614064
500-203662-2	WB-HS-2, 2'	Total/NA	Solid	8260B	614064
500-203662-3	WB-HS-3, 2'	Total/NA	Solid	8260B	614064
MB 500-614737/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-614737/4	Lab Control Sample	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 614078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-203662-1	WB-HS-1, 2'	Total/NA	Solid	Moisture	
500-203662-2	WB-HS-2, 2'	Total/NA	Solid	Moisture	
500-203662-3	WB-HS-3, 2'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-203662-1	WB-HS-1, 2'	91	77	92	90
500-203662-2	WB-HS-2, 2'	88	79	92	90
500-203662-3	WB-HS-3, 2'	88	78	92	89
LB3 500-614064/11-A	Method Blank	97	93	94	97
LCS 500-614064/12-A	Lab Control Sample	101	88	97	100
LCS 500-614107/5	Lab Control Sample	101	88	97	99
LCS 500-614737/4	Lab Control Sample	85	76	97	94
MB 500-614107/7	Method Blank	100	94	94	96
MB 500-614737/6	Method Blank	88	78	97	91

Surrogate Legend

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

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-614064/11-A
Matrix: Solid
Analysis Batch: 614107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 614064

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Bromoform	<0.024		0.050	0.024	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Chloroform	<0.019		0.10	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50

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

Lab Sample ID: LB3 500-614064/11-A
Matrix: Solid
Analysis Batch: 614107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 614064

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Styrene	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		08/13/21 02:30	08/13/21 11:43	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		08/13/21 02:30	08/13/21 11:43	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*	*08/13/21 02:30*	*08/13/21 11:43*	*50*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*	*08/13/21 02:30*	*08/13/21 11:43*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*08/13/21 02:30*	*08/13/21 11:43*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*08/13/21 02:30*	*08/13/21 11:43*	*50*

Lab Sample ID: LCS 500-614064/12-A
Matrix: Solid
Analysis Batch: 614107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 614064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.50	2.48		mg/Kg		99	70 - 125
1,1,1-Trichloroethane	2.50	2.77		mg/Kg		111	70 - 125
1,1,2,2-Tetrachloroethane	2.50	2.02		mg/Kg		81	62 - 140
1,1,2-Trichloroethane	2.50	2.43		mg/Kg		97	71 - 130
1,1-Dichloroethane	2.50	2.48		mg/Kg		99	70 - 125
1,1-Dichloroethene	2.50	2.31		mg/Kg		92	67 - 122
1,1-Dichloropropene	2.50	2.58		mg/Kg		103	70 - 121
1,2,3-Trichlorobenzene	2.50	2.54		mg/Kg		102	51 - 145
1,2,3-Trichloropropane	2.50	2.09		mg/Kg		84	50 - 133
1,2,4-Trichlorobenzene	2.50	2.47		mg/Kg		99	57 - 137
1,2,4-Trimethylbenzene	2.50	2.41		mg/Kg		96	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	1.72		mg/Kg		69	56 - 123
1,2-Dibromoethane	2.50	2.33		mg/Kg		93	70 - 125
1,2-Dichlorobenzene	2.50	2.43		mg/Kg		97	70 - 125
1,2-Dichloroethane	2.50	2.61		mg/Kg		104	68 - 127
1,2-Dichloropropane	2.50	2.55		mg/Kg		102	67 - 130
1,3,5-Trimethylbenzene	2.50	2.41		mg/Kg		96	70 - 123
1,3-Dichlorobenzene	2.50	2.47		mg/Kg		99	70 - 125
1,3-Dichloropropane	2.50	2.36		mg/Kg		95	62 - 136
1,4-Dichlorobenzene	2.50	2.42		mg/Kg		97	70 - 120
2,2-Dichloropropane	2.50	2.64		mg/Kg		106	58 - 139
2-Chlorotoluene	2.50	2.34		mg/Kg		94	70 - 125

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

Lab Sample ID: LCS 500-614064/12-A
Matrix: Solid
Analysis Batch: 614107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 614064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	2.50	2.36		mg/Kg		94	68 - 124
Benzene	2.50	2.55		mg/Kg		102	70 - 120
Bromobenzene	2.50	2.34		mg/Kg		94	70 - 122
Bromochloromethane	2.50	2.48		mg/Kg		99	65 - 122
Bromodichloromethane	2.50	2.46		mg/Kg		98	69 - 120
Bromoform	2.50	2.12		mg/Kg		85	56 - 132
Bromomethane	2.50	2.94		mg/Kg		118	40 - 152
Carbon tetrachloride	2.50	2.74		mg/Kg		110	59 - 133
Chlorobenzene	2.50	2.52		mg/Kg		101	70 - 120
Chloroethane	2.50	2.24		mg/Kg		90	48 - 136
Chloroform	2.50	2.51		mg/Kg		100	70 - 120
Chloromethane	2.50	1.80		mg/Kg		72	56 - 152
cis-1,2-Dichloroethene	2.50	2.48		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	2.50	2.45		mg/Kg		98	64 - 127
Dibromochloromethane	2.50	2.34		mg/Kg		94	68 - 125
Dibromomethane	2.50	2.39		mg/Kg		96	70 - 120
Dichlorodifluoromethane	2.50	1.35		mg/Kg		54	40 - 159
Ethylbenzene	2.50	2.49		mg/Kg		99	70 - 123
Hexachlorobutadiene	2.50	2.79		mg/Kg		112	51 - 150
Isopropylbenzene	2.50	2.37		mg/Kg		95	70 - 126
Methyl tert-butyl ether	2.50	2.34		mg/Kg		94	55 - 123
Methylene Chloride	2.50	2.46		mg/Kg		98	69 - 125
Naphthalene	2.50	2.34		mg/Kg		94	53 - 144
n-Butylbenzene	2.50	2.44		mg/Kg		98	68 - 125
N-Propylbenzene	2.50	2.34		mg/Kg		93	69 - 127
p-Isopropyltoluene	2.50	2.47		mg/Kg		99	70 - 125
sec-Butylbenzene	2.50	2.43		mg/Kg		97	70 - 123
Styrene	2.50	2.46		mg/Kg		98	70 - 120
tert-Butylbenzene	2.50	2.42		mg/Kg		97	70 - 121
Tetrachloroethene	2.50	2.74		mg/Kg		109	70 - 128
Toluene	2.50	2.51		mg/Kg		101	70 - 125
trans-1,2-Dichloroethene	2.50	2.45		mg/Kg		98	70 - 125
trans-1,3-Dichloropropene	2.50	2.29		mg/Kg		91	62 - 128
Trichloroethene	2.50	2.62		mg/Kg		105	70 - 125
Trichlorofluoromethane	2.50	2.50		mg/Kg		100	55 - 128
Vinyl chloride	2.50	2.16		mg/Kg		86	64 - 126
Xylenes, Total	5.00	5.02		mg/Kg		100	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

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

Lab Sample ID: MB 500-614107/7
Matrix: Solid
Analysis Batch: 614107

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			08/13/21 10:54	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			08/13/21 10:54	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			08/13/21 10:54	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			08/13/21 10:54	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			08/13/21 10:54	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			08/13/21 10:54	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			08/13/21 10:54	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			08/13/21 10:54	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			08/13/21 10:54	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			08/13/21 10:54	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			08/13/21 10:54	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			08/13/21 10:54	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			08/13/21 10:54	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			08/13/21 10:54	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			08/13/21 10:54	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			08/13/21 10:54	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			08/13/21 10:54	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			08/13/21 10:54	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			08/13/21 10:54	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			08/13/21 10:54	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			08/13/21 10:54	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			08/13/21 10:54	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			08/13/21 10:54	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			08/13/21 10:54	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			08/13/21 10:54	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			08/13/21 10:54	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			08/13/21 10:54	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			08/13/21 10:54	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			08/13/21 10:54	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			08/13/21 10:54	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			08/13/21 10:54	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			08/13/21 10:54	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			08/13/21 10:54	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			08/13/21 10:54	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			08/13/21 10:54	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			08/13/21 10:54	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			08/13/21 10:54	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			08/13/21 10:54	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			08/13/21 10:54	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			08/13/21 10:54	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			08/13/21 10:54	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1

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

Lab Sample ID: MB 500-614107/7
Matrix: Solid
Analysis Batch: 614107

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			08/13/21 10:54	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			08/13/21 10:54	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			08/13/21 10:54	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			08/13/21 10:54	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			08/13/21 10:54	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			08/13/21 10:54	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			08/13/21 10:54	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			08/13/21 10:54	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			08/13/21 10:54	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			08/13/21 10:54	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			08/13/21 10:54	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			08/13/21 10:54	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			08/13/21 10:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*08/13/21 10:54*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/13/21 10:54*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*08/13/21 10:54*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/13/21 10:54*	*1*

Lab Sample ID: LCS 500-614107/5
Matrix: Solid
Analysis Batch: 614107

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0454		mg/Kg		91	70 - 125
1,1,1-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0402		mg/Kg		80	62 - 140
1,1,2-Trichloroethane	0.0500	0.0473		mg/Kg		95	71 - 130
1,1-Dichloroethane	0.0500	0.0446		mg/Kg		89	70 - 125
1,1-Dichloroethene	0.0500	0.0443		mg/Kg		89	67 - 122
1,1-Dichloropropene	0.0500	0.0469		mg/Kg		94	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0454		mg/Kg		91	51 - 145
1,2,3-Trichloropropane	0.0500	0.0436		mg/Kg		87	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0462		mg/Kg		92	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0446		mg/Kg		89	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0362		mg/Kg		72	56 - 123
1,2-Dibromoethane	0.0500	0.0461		mg/Kg		92	70 - 125
1,2-Dichlorobenzene	0.0500	0.0449		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0489		mg/Kg		98	68 - 127
1,2-Dichloropropane	0.0500	0.0474		mg/Kg		95	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0446		mg/Kg		89	70 - 123
1,3-Dichlorobenzene	0.0500	0.0455		mg/Kg		91	70 - 125
1,3-Dichloropropane	0.0500	0.0458		mg/Kg		92	62 - 136
1,4-Dichlorobenzene	0.0500	0.0454		mg/Kg		91	70 - 120
2,2-Dichloropropane	0.0500	0.0420		mg/Kg		84	58 - 139
2-Chlorotoluene	0.0500	0.0439		mg/Kg		88	70 - 125

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

Lab Sample ID: LCS 500-614107/5
Matrix: Solid
Analysis Batch: 614107

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	0.0500	0.0442		mg/Kg		88	68 - 124
Benzene	0.0500	0.0464		mg/Kg		93	70 - 120
Bromobenzene	0.0500	0.0440		mg/Kg		88	70 - 122
Bromochloromethane	0.0500	0.0460		mg/Kg		92	65 - 122
Bromodichloromethane	0.0500	0.0463		mg/Kg		93	69 - 120
Bromoform	0.0500	0.0422		mg/Kg		84	56 - 132
Bromomethane	0.0500	0.0543		mg/Kg		109	40 - 152
Carbon tetrachloride	0.0500	0.0498		mg/Kg		100	59 - 133
Chlorobenzene	0.0500	0.0467		mg/Kg		93	70 - 120
Chloroethane	0.0500	0.0587		mg/Kg		117	48 - 136
Chloroform	0.0500	0.0458		mg/Kg		92	70 - 120
Chloromethane	0.0500	0.0409		mg/Kg		82	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0452		mg/Kg		90	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0463		mg/Kg		93	64 - 127
Dibromochloromethane	0.0500	0.0454		mg/Kg		91	68 - 125
Dibromomethane	0.0500	0.0456		mg/Kg		91	70 - 120
Dichlorodifluoromethane	0.0500	0.0385		mg/Kg		77	40 - 159
Ethylbenzene	0.0500	0.0461		mg/Kg		92	70 - 123
Hexachlorobutadiene	0.0500	0.0511		mg/Kg		102	51 - 150
Isopropylbenzene	0.0500	0.0435		mg/Kg		87	70 - 126
Methyl tert-butyl ether	0.0500	0.0449		mg/Kg		90	55 - 123
Methylene Chloride	0.0500	0.0455		mg/Kg		91	69 - 125
Naphthalene	0.0500	0.0422		mg/Kg		84	53 - 144
n-Butylbenzene	0.0500	0.0455		mg/Kg		91	68 - 125
N-Propylbenzene	0.0500	0.0435		mg/Kg		87	69 - 127
p-Isopropyltoluene	0.0500	0.0460		mg/Kg		92	70 - 125
sec-Butylbenzene	0.0500	0.0452		mg/Kg		90	70 - 123
Styrene	0.0500	0.0459		mg/Kg		92	70 - 120
tert-Butylbenzene	0.0500	0.0447		mg/Kg		89	70 - 121
Tetrachloroethene	0.0500	0.0509		mg/Kg		102	70 - 128
Toluene	0.0500	0.0462		mg/Kg		92	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0439		mg/Kg		88	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0443		mg/Kg		89	62 - 128
Trichloroethene	0.0500	0.0477		mg/Kg		95	70 - 125
Trichlorofluoromethane	0.0500	0.0502		mg/Kg		100	55 - 128
Vinyl chloride	0.0500	0.0476		mg/Kg		95	64 - 126
Xylenes, Total	0.100	0.0914		mg/Kg		91	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
Toluene-d8 (Surr)	*99*		*75 - 120*

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

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

Lab Sample ID: MB 500-614737/6
Matrix: Solid
Analysis Batch: 614737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			08/18/21 10:13	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			08/18/21 10:13	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			08/18/21 10:13	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			08/18/21 10:13	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			08/18/21 10:13	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			08/18/21 10:13	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			08/18/21 10:13	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			08/18/21 10:13	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			08/18/21 10:13	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			08/18/21 10:13	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			08/18/21 10:13	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			08/18/21 10:13	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			08/18/21 10:13	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			08/18/21 10:13	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			08/18/21 10:13	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			08/18/21 10:13	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			08/18/21 10:13	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			08/18/21 10:13	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			08/18/21 10:13	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			08/18/21 10:13	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			08/18/21 10:13	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			08/18/21 10:13	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			08/18/21 10:13	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			08/18/21 10:13	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			08/18/21 10:13	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			08/18/21 10:13	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			08/18/21 10:13	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			08/18/21 10:13	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			08/18/21 10:13	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			08/18/21 10:13	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			08/18/21 10:13	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1

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

Lab Sample ID: MB 500-614737/6
Matrix: Solid
Analysis Batch: 614737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			08/18/21 10:13	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			08/18/21 10:13	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			08/18/21 10:13	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			08/18/21 10:13	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			08/18/21 10:13	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			08/18/21 10:13	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			08/18/21 10:13	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			08/18/21 10:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*08/18/21 10:13*	*1*
4-Bromofluorobenzene (Surr)	*78*		*72 - 124*		*08/18/21 10:13*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*08/18/21 10:13*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*08/18/21 10:13*	*1*

Lab Sample ID: LCS 500-614737/4
Matrix: Solid
Analysis Batch: 614737

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
1,1,1-Trichloroethane	0.0500	0.0443		mg/Kg		89	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0330		mg/Kg		66	62 - 140
1,1,2-Trichloroethane	0.0500	0.0387		mg/Kg		77	71 - 130
1,1-Dichloroethane	0.0500	0.0439		mg/Kg		88	70 - 125
1,1-Dichloroethene	0.0500	0.0499		mg/Kg		100	67 - 122
1,1-Dichloropropene	0.0500	0.0444		mg/Kg		89	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0589		mg/Kg		118	51 - 145
1,2,3-Trichloropropane	0.0500	0.0327		mg/Kg		65	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0566		mg/Kg		113	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0438		mg/Kg		88	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0297		mg/Kg		59	56 - 123
1,2-Dibromoethane	0.0500	0.0385		mg/Kg		77	70 - 125
1,2-Dichlorobenzene	0.0500	0.0442		mg/Kg		88	70 - 125
1,2-Dichloroethane	0.0500	0.0399		mg/Kg		80	68 - 127
1,2-Dichloropropane	0.0500	0.0436		mg/Kg		87	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0445		mg/Kg		89	70 - 123
1,3-Dichlorobenzene	0.0500	0.0444		mg/Kg		89	70 - 125
1,3-Dichloropropane	0.0500	0.0375		mg/Kg		75	62 - 136
1,4-Dichlorobenzene	0.0500	0.0443		mg/Kg		89	70 - 120
2,2-Dichloropropane	0.0500	0.0352		mg/Kg		70	58 - 139
2-Chlorotoluene	0.0500	0.0398		mg/Kg		80	70 - 125

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

Lab Sample ID: LCS 500-614737/4
Matrix: Solid
Analysis Batch: 614737

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	0.0500	0.0382		mg/Kg		76	68 - 124
Benzene	0.0500	0.0441		mg/Kg		88	70 - 120
Bromobenzene	0.0500	0.0389		mg/Kg		78	70 - 122
Bromochloromethane	0.0500	0.0490		mg/Kg		98	65 - 122
Bromodichloromethane	0.0500	0.0363		mg/Kg		73	69 - 120
Bromoform	0.0500	0.0360		mg/Kg		72	56 - 132
Bromomethane	0.0500	0.0558		mg/Kg		112	40 - 152
Carbon tetrachloride	0.0500	0.0450		mg/Kg		90	59 - 133
Chlorobenzene	0.0500	0.0444		mg/Kg		89	70 - 120
Chloroethane	0.0500	0.0587		mg/Kg		117	48 - 136
Chloroform	0.0500	0.0420		mg/Kg		84	70 - 120
Chloromethane	0.0500	0.0453		mg/Kg		91	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0449		mg/Kg		90	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0353		mg/Kg		71	64 - 127
Dibromochloromethane	0.0500	0.0354		mg/Kg		71	68 - 125
Dibromomethane	0.0500	0.0423		mg/Kg		85	70 - 120
Dichlorodifluoromethane	0.0500	0.0379		mg/Kg		76	40 - 159
Ethylbenzene	0.0500	0.0456		mg/Kg		91	70 - 123
Hexachlorobutadiene	0.0500	0.0702		mg/Kg		140	51 - 150
Isopropylbenzene	0.0500	0.0432		mg/Kg		86	70 - 126
Methyl tert-butyl ether	0.0500	0.0409		mg/Kg		82	55 - 123
Methylene Chloride	0.0500	0.0445		mg/Kg		89	69 - 125
Naphthalene	0.0500	0.0507		mg/Kg		101	53 - 144
n-Butylbenzene	0.0500	0.0486		mg/Kg		97	68 - 125
N-Propylbenzene	0.0500	0.0411		mg/Kg		82	69 - 127
p-Isopropyltoluene	0.0500	0.0519		mg/Kg		104	70 - 125
sec-Butylbenzene	0.0500	0.0482		mg/Kg		96	70 - 123
Styrene	0.0500	0.0435		mg/Kg		87	70 - 120
tert-Butylbenzene	0.0500	0.0487		mg/Kg		97	70 - 121
Tetrachloroethene	0.0500	0.0502		mg/Kg		100	70 - 128
Toluene	0.0500	0.0422		mg/Kg		84	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0461		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0319		mg/Kg		64	62 - 128
Trichloroethene	0.0500	0.0494		mg/Kg		99	70 - 125
Trichlorofluoromethane	0.0500	0.0434		mg/Kg		87	55 - 128
Vinyl chloride	0.0500	0.0474		mg/Kg		95	64 - 126
Xylenes, Total	0.100	0.0935		mg/Kg		94	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*
4-Bromofluorobenzene (Surr)	*76*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: WB-HS-1, 2'
Lab Sample ID: 500-203662-1
Date Collected: 08/09/21 11:00
Matrix: Solid
Date Received: 08/12/21 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	614078	08/13/21 07:02	LWN	TAL CHI

Client Sample ID: WB-HS-1, 2'
Lab Sample ID: 500-203662-1
Date Collected: 08/09/21 11:00
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			614064	08/09/21 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	614737	08/18/21 15:44	JLC	TAL CHI

Client Sample ID: WB-HS-2, 2'
Lab Sample ID: 500-203662-2
Date Collected: 08/09/21 13:30
Matrix: Solid
Date Received: 08/12/21 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	614078	08/13/21 07:02	LWN	TAL CHI

Client Sample ID: WB-HS-2, 2'
Lab Sample ID: 500-203662-2
Date Collected: 08/09/21 13:30
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			614064	08/09/21 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	614737	08/18/21 16:11	JLC	TAL CHI

Client Sample ID: WB-HS-3, 2'
Lab Sample ID: 500-203662-3
Date Collected: 08/09/21 14:30
Matrix: Solid
Date Received: 08/12/21 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	614078	08/13/21 07:02	LWN	TAL CHI

Client Sample ID: WB-HS-3, 2'
Lab Sample ID: 500-203662-3
Date Collected: 08/09/21 14:30
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			614064	08/09/21 14:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	614737	08/18/21 16:38	JLC	TAL CHI

Laboratory References:
TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203662-1
Project/Site: Community Within the Corridor - West Block
40443

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

KSingh | Engineers Scientists Consultar

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-203662

500-203662 COC

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

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

Laboratory Name **Eurofins-TestAmerica**

Relinquished By (Signature)	Date/Time	Received By (Signature)	Temperature Blank. 2.4
	8.11.21 15:00		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.
Relinquished By (Signature)	Date/Time	Received By (Signature)	
	8.11.21 1700	8/12/21 0955	

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	Sample Condition # / Type of Container MeOH	HCL	H2SO4	Unpres	Other Comment
8/9/2021	11:00	S	Hand	WB-HS-1 2'	x	1			1	
8/9/2021	13:30	S	Hand	WB-HS-2 2	x	1			1	
8/9/2021	14.30	S	Hand	WB-HS-3 2	x	1			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

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-203662-1

Login Number: 203662
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, 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	2.4
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-203655-1
Client Project/Site: Community Within the Corridor - West Block 40441
Revision: 1

For:
K. Singh & Associates, Inc
3636 N. 124th Street
Wauwatosa, Wisconsin 53222

Attn: Mr. Robert Reineke

Sandra Fredrick

Authorized for release by:
8/31/2021 3:37:54 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

Table of Contents

Case Narrative

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block 40441

Job ID: 500-203655-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-203655-1

Comments
No additional comments.

Receipt
The samples were received on 8/12/2021 9:55 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 2.4º C.

Receipt Exceptions
Updated to report mg/Kg per client. Updated sample ID for sample 2

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

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

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-HS-4, 2 FT
Lab Sample ID: 500-203655-1

No Detections.

Client Sample ID: WB-HS-5, 2 FT
Lab Sample ID: 500-203655-2

No Detections.

Client Sample ID: WB-Stockpile
Lab Sample ID: 500-203655-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.013	J	0.016	0.0092	mg/Kg	50	☼	8260B	Total/NA
Tetrachloroethene	5.4		0.063	0.023	mg/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = Eurofins TestAmerica, 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
40441

Job ID: 500-203655-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-203655-1	WB-HS-4, 2 FT	Solid	08/10/21 14:05	08/12/21 09:55
500-203655-2	WB-HS-5, 2 FT	Solid	08/10/21 14:05	08/12/21 09:55
500-203655-3	WB-Stockpile	Solid	08/10/21 15:25	08/12/21 09:55

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-HS-4, 2 FT
Lab Sample ID: 500-203655-1
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0090		0.015	0.0090	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Bromobenzene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Bromodichloromethane	<0.023		0.061	0.023	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Bromoform	<0.030		0.061	0.030	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Bromomethane	<0.049		0.18	0.049	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Carbon tetrachloride	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Chlorobenzene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Dibromochloromethane	<0.030		0.061	0.030	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Chloroform	<0.023		0.12	0.023	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Chloromethane	<0.020		0.061	0.020	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
2-Chlorotoluene	<0.019		0.061	0.019	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
4-Chlorotoluene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2-Dibromoethane	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Dibromomethane	<0.017		0.061	0.017	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2-Dichlorobenzene	<0.021		0.061	0.021	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,3-Dichlorobenzene	<0.025		0.061	0.025	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
trans-1,2-Dichloroethene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2-Dichloropropane	<0.026		0.061	0.026	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
cis-1,3-Dichloropropene	<0.026		0.061	0.026	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
trans-1,3-Dichloropropene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Isopropylbenzene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Naphthalene	<0.021		0.061	0.021	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Styrene	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1,1,2-Tetrachloroethane	<0.028		0.061	0.028	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1,2,2-Tetrachloroethane	<0.024		0.061	0.024	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Tetrachloroethene	<0.023		0.061	0.023	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-HS-4, 2 FT
Lab Sample ID: 500-203655-1
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.0090		0.015	0.0090	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,1,2-Trichloroethane	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	08/15/21 17:32	08/18/21 17:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*08/15/21 17:32*	*08/18/21 17:05*	*50*
Toluene-d8 (Surr)	*90*		*75 - 120*	*08/15/21 17:32*	*08/18/21 17:05*	*50*
4-Bromofluorobenzene (Surr)	*77*		*72 - 124*	*08/15/21 17:32*	*08/18/21 17:05*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*08/15/21 17:32*	*08/18/21 17:05*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-HS-5, 2 FT
Lab Sample ID: 500-203655-2
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 81.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.011		0.018	0.011	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Bromobenzene	<0.026		0.073	0.026	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Bromochloromethane	<0.031		0.073	0.031	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Bromodichloromethane	<0.027		0.073	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Bromoform	<0.035		0.073	0.035	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Bromomethane	<0.058		0.22	0.058	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
n-Butylbenzene	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
sec-Butylbenzene	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
tert-Butylbenzene	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Carbon tetrachloride	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Chlorobenzene	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Dibromochloromethane	<0.036		0.073	0.036	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Chloroethane	<0.037		0.073	0.037	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Chloroform	<0.027		0.15	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Chloromethane	<0.023		0.073	0.023	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
2-Chlorotoluene	<0.023		0.073	0.023	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
4-Chlorotoluene	<0.026		0.073	0.026	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2-Dibromo-3-Chloropropane	<0.15		0.37	0.15	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2-Dibromoethane	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Dibromomethane	<0.020		0.073	0.020	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2-Dichlorobenzene	<0.024		0.073	0.024	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,3-Dichlorobenzene	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,4-Dichlorobenzene	<0.027		0.073	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Dichlorodifluoromethane	<0.049		0.22	0.049	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1-Dichloroethane	<0.030		0.073	0.030	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2-Dichloroethane	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1-Dichloroethene	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
cis-1,2-Dichloroethene	<0.030		0.073	0.030	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
trans-1,2-Dichloroethene	<0.026		0.073	0.026	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2-Dichloropropane	<0.031		0.073	0.031	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,3-Dichloropropane	<0.027		0.073	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
2,2-Dichloropropane	<0.033		0.073	0.033	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1-Dichloropropene	<0.022		0.073	0.022	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
cis-1,3-Dichloropropene	<0.030		0.073	0.030	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
trans-1,3-Dichloropropene	<0.027		0.073	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Isopropyl ether	<0.020		0.073	0.020	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Ethylbenzene	<0.013		0.018	0.013	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Hexachlorobutadiene	<0.033		0.073	0.033	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Isopropylbenzene	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
p-Isopropyltoluene	<0.027		0.073	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Methylene Chloride	<0.12		0.37	0.12	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Methyl tert-butyl ether	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Naphthalene	<0.024		0.073	0.024	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
N-Propylbenzene	<0.030		0.073	0.030	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Styrene	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1,1,2-Tetrachloroethane	<0.034		0.073	0.034	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1,2,2-Tetrachloroethane	<0.029		0.073	0.029	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Tetrachloroethene	<0.027		0.073	0.027	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-HS-5, 2 FT
Lab Sample ID: 500-203655-2
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.011		0.018	0.011	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2,3-Trichlorobenzene	<0.034		0.073	0.034	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2,4-Trichlorobenzene	<0.025		0.073	0.025	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1,1-Trichloroethane	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,1,2-Trichloroethane	<0.026		0.073	0.026	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Trichloroethene	<0.012		0.037	0.012	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Trichlorofluoromethane	<0.031		0.073	0.031	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2,3-Trichloropropane	<0.030		0.15	0.030	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,2,4-Trimethylbenzene	<0.026		0.073	0.026	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
1,3,5-Trimethylbenzene	<0.028		0.073	0.028	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Vinyl chloride	<0.019		0.073	0.019	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50
Xylenes, Total	<0.016		0.037	0.016	mg/Kg	☼	08/15/21 17:34	08/18/21 17:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*08/15/21 17:34*	*08/18/21 17:32*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*08/15/21 17:34*	*08/18/21 17:32*	*50*
4-Bromofluorobenzene (Surr)	*77*		*72 - 124*	*08/15/21 17:34*	*08/18/21 17:32*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*08/15/21 17:34*	*08/18/21 17:32*	*50*

Client Sample ID: WB-Stockpile
Lab Sample ID: 500-203655-3

Date Collected: 08/10/21 15:25
Matrix: Solid

Date Received: 08/12/21 09:55
Percent Solids: 88.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.013**	**J**	0.016	0.0092	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Bromobenzene	<0.022		0.063	0.022	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Bromochloromethane	<0.027		0.063	0.027	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Bromodichloromethane	<0.023		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Bromoform	<0.030		0.063	0.030	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
n-Butylbenzene	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
sec-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
tert-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Carbon tetrachloride	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Chlorobenzene	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Dibromochloromethane	<0.031		0.063	0.031	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Chloroethane	<0.032		0.063	0.032	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Chloroform	<0.023		0.13	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Chloromethane	<0.020		0.063	0.020	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
2-Chlorotoluene	<0.020		0.063	0.020	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
4-Chlorotoluene	<0.022		0.063	0.022	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2-Dibromo-3-Chloropropane	<0.13		0.31	0.13	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2-Dibromoethane	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Dibromomethane	<0.017		0.063	0.017	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2-Dichlorobenzene	<0.021		0.063	0.021	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,3-Dichlorobenzene	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,4-Dichlorobenzene	<0.023		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1-Dichloroethane	<0.026		0.063	0.026	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2-Dichloroethane	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1-Dichloroethene	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
cis-1,2-Dichloroethene	<0.026		0.063	0.026	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
trans-1,2-Dichloroethene	<0.022		0.063	0.022	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2-Dichloropropane	<0.027		0.063	0.027	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,3-Dichloropropane	<0.023		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
2,2-Dichloropropane	<0.028		0.063	0.028	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1-Dichloropropene	<0.019		0.063	0.019	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
cis-1,3-Dichloropropene	<0.026		0.063	0.026	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
trans-1,3-Dichloropropene	<0.023		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Isopropyl ether	<0.017		0.063	0.017	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Hexachlorobutadiene	<0.028		0.063	0.028	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Isopropylbenzene	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
p-Isopropyltoluene	<0.023		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Methyl tert-butyl ether	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Naphthalene	<0.021		0.063	0.021	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
N-Propylbenzene	<0.026		0.063	0.026	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Styrene	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1,1,2-Tetrachloroethane	<0.029		0.063	0.029	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1,2,2-Tetrachloroethane	<0.025		0.063	0.025	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Tetrachloroethene	**5.4**		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-Stockpile
Lab Sample ID: 500-203655-3
Date Collected: 08/10/21 15:25
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.0092		0.016	0.0092	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2,3-Trichlorobenzene	<0.029		0.063	0.029	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2,4-Trichlorobenzene	<0.022		0.063	0.022	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1,1-Trichloroethane	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,1,2-Trichloroethane	<0.022		0.063	0.022	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Trichlorofluoromethane	<0.027		0.063	0.027	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,2,4-Trimethylbenzene	<0.023		0.063	0.023	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
1,3,5-Trimethylbenzene	<0.024		0.063	0.024	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Vinyl chloride	<0.016		0.063	0.016	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	08/15/21 17:36	08/18/21 17:59	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*08/15/21 17:36*	*08/18/21 17:59*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*08/15/21 17:36*	*08/18/21 17:59*	*50*
4-Bromofluorobenzene (Surr)	*77*		*72 - 124*	*08/15/21 17:36*	*08/18/21 17:59*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*08/15/21 17:36*	*08/18/21 17:59*	*50*

Definitions/Glossary

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West 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.

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)
TNTC	Too Numerous To Count

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

GC/MS VOA

Prep Batch: 614311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-203655-1	WB-HS-4, 2 FT	Total/NA	Solid	5030B	
500-203655-2	WB-HS-5, 2 FT	Total/NA	Solid	5030B	
500-203655-3	WB-Stockpile	Total/NA	Solid	5030B	

Analysis Batch: 614737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-203655-1	WB-HS-4, 2 FT	Total/NA	Solid	8260B	614311
500-203655-2	WB-HS-5, 2 FT	Total/NA	Solid	8260B	614311
500-203655-3	WB-Stockpile	Total/NA	Solid	8260B	614311
MB 500-614737/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-614737/4	Lab Control Sample	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 614078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-203655-1	WB-HS-4, 2 FT	Total/NA	Solid	Moisture	
500-203655-2	WB-HS-5, 2 FT	Total/NA	Solid	Moisture	
500-203655-3	WB-Stockpile	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(75-126)	(75-120)	(72-124)	(75-120)
500-203655-1	WB-HS-4, 2 FT	89	90	77	92
500-203655-2	WB-HS-5, 2 FT	89	91	77	92
500-203655-3	WB-Stockpile	91	91	77	93
LCS 500-614737/4	Lab Control Sample	85	94	76	97
MB 500-614737/6	Method Blank	88	91	78	97

Surrogate Legend

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

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-614737/6
Matrix: Solid
Analysis Batch: 614737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00015		0.00025	0.00015	mg/Kg			08/18/21 10:13	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			08/18/21 10:13	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			08/18/21 10:13	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			08/18/21 10:13	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			08/18/21 10:13	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			08/18/21 10:13	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			08/18/21 10:13	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			08/18/21 10:13	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			08/18/21 10:13	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			08/18/21 10:13	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			08/18/21 10:13	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			08/18/21 10:13	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			08/18/21 10:13	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			08/18/21 10:13	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			08/18/21 10:13	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			08/18/21 10:13	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			08/18/21 10:13	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			08/18/21 10:13	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			08/18/21 10:13	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			08/18/21 10:13	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			08/18/21 10:13	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			08/18/21 10:13	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			08/18/21 10:13	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			08/18/21 10:13	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			08/18/21 10:13	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			08/18/21 10:13	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			08/18/21 10:13	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			08/18/21 10:13	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			08/18/21 10:13	1
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			08/18/21 10:13	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			08/18/21 10:13	1

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

Lab Sample ID: MB 500-614737/6
Matrix: Solid
Analysis Batch: 614737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			08/18/21 10:13	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			08/18/21 10:13	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			08/18/21 10:13	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			08/18/21 10:13	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			08/18/21 10:13	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			08/18/21 10:13	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			08/18/21 10:13	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			08/18/21 10:13	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			08/18/21 10:13	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			08/18/21 10:13	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			08/18/21 10:13	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			08/18/21 10:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*08/18/21 10:13*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*08/18/21 10:13*	*1*
4-Bromofluorobenzene (Surr)	*78*		*72 - 124*		*08/18/21 10:13*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*08/18/21 10:13*	*1*

Lab Sample ID: LCS 500-614737/4
Matrix: Solid
Analysis Batch: 614737

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0441		mg/Kg		88	70 - 120
Bromobenzene	0.0500	0.0389		mg/Kg		78	70 - 122
Bromochloromethane	0.0500	0.0490		mg/Kg		98	65 - 122
Bromodichloromethane	0.0500	0.0363		mg/Kg		73	69 - 120
Bromoform	0.0500	0.0360		mg/Kg		72	56 - 132
Bromomethane	0.0500	0.0558		mg/Kg		112	40 - 152
n-Butylbenzene	0.0500	0.0486		mg/Kg		97	68 - 125
sec-Butylbenzene	0.0500	0.0482		mg/Kg		96	70 - 123
tert-Butylbenzene	0.0500	0.0487		mg/Kg		97	70 - 121
Carbon tetrachloride	0.0500	0.0450		mg/Kg		90	59 - 133
Chlorobenzene	0.0500	0.0444		mg/Kg		89	70 - 120
Dibromochloromethane	0.0500	0.0354		mg/Kg		71	68 - 125
Chloroethane	0.0500	0.0587		mg/Kg		117	48 - 136
Chloroform	0.0500	0.0420		mg/Kg		84	70 - 120
Chloromethane	0.0500	0.0453		mg/Kg		91	56 - 152
2-Chlorotoluene	0.0500	0.0398		mg/Kg		80	70 - 125
4-Chlorotoluene	0.0500	0.0382		mg/Kg		76	68 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.0297		mg/Kg		59	56 - 123
1,2-Dibromoethane	0.0500	0.0385		mg/Kg		77	70 - 125
Dibromomethane	0.0500	0.0423		mg/Kg		85	70 - 120
1,2-Dichlorobenzene	0.0500	0.0442		mg/Kg		88	70 - 125
1,3-Dichlorobenzene	0.0500	0.0444		mg/Kg		89	70 - 125

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

Lab Sample ID: LCS 500-614737/4
Matrix: Solid
Analysis Batch: 614737

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0500	0.0443		mg/Kg		89	70 - 120
Dichlorodifluoromethane	0.0500	0.0379		mg/Kg		76	40 - 159
1,1-Dichloroethane	0.0500	0.0439		mg/Kg		88	70 - 125
1,2-Dichloroethane	0.0500	0.0399		mg/Kg		80	68 - 127
1,1-Dichloroethene	0.0500	0.0499		mg/Kg		100	67 - 122
cis-1,2-Dichloroethene	0.0500	0.0449		mg/Kg		90	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0461		mg/Kg		92	70 - 125
1,2-Dichloropropane	0.0500	0.0436		mg/Kg		87	67 - 130
1,3-Dichloropropane	0.0500	0.0375		mg/Kg		75	62 - 136
2,2-Dichloropropane	0.0500	0.0352		mg/Kg		70	58 - 139
1,1-Dichloropropene	0.0500	0.0444		mg/Kg		89	70 - 121
cis-1,3-Dichloropropene	0.0500	0.0353		mg/Kg		71	64 - 127
trans-1,3-Dichloropropene	0.0500	0.0319		mg/Kg		64	62 - 128
Ethylbenzene	0.0500	0.0456		mg/Kg		91	70 - 123
Hexachlorobutadiene	0.0500	0.0702		mg/Kg		140	51 - 150
Isopropylbenzene	0.0500	0.0432		mg/Kg		86	70 - 126
p-Isopropyltoluene	0.0500	0.0519		mg/Kg		104	70 - 125
Methylene Chloride	0.0500	0.0445		mg/Kg		89	69 - 125
Methyl tert-butyl ether	0.0500	0.0409		mg/Kg		82	55 - 123
Naphthalene	0.0500	0.0507		mg/Kg		101	53 - 144
N-Propylbenzene	0.0500	0.0411		mg/Kg		82	69 - 127
Styrene	0.0500	0.0435		mg/Kg		87	70 - 120
1,1,1,2-Tetrachloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0330		mg/Kg		66	62 - 140
Tetrachloroethene	0.0500	0.0502		mg/Kg		100	70 - 128
Toluene	0.0500	0.0422		mg/Kg		84	70 - 125
1,2,3-Trichlorobenzene	0.0500	0.0589		mg/Kg		118	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0566		mg/Kg		113	57 - 137
1,1,1-Trichloroethane	0.0500	0.0443		mg/Kg		89	70 - 125
1,1,2-Trichloroethane	0.0500	0.0387		mg/Kg		77	71 - 130
Trichloroethene	0.0500	0.0494		mg/Kg		99	70 - 125
Trichlorofluoromethane	0.0500	0.0434		mg/Kg		87	55 - 128
1,2,3-Trichloropropane	0.0500	0.0327		mg/Kg		65	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0438		mg/Kg		88	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0445		mg/Kg		89	70 - 123
Vinyl chloride	0.0500	0.0474		mg/Kg		95	64 - 126
Xylenes, Total	0.100	0.0935		mg/Kg		94	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*
Toluene-d8 (Surr)	*94*		*75 - 120*
4-Bromofluorobenzene (Surr)	*76*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Client Sample ID: WB-HS-4, 2 FT
Lab Sample ID: 500-203655-1
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	614078	08/13/21 07:02	LWN	TAL CHI

Client Sample ID: WB-HS-4, 2 FT
Lab Sample ID: 500-203655-1
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			614311	08/15/21 17:32	WRE	TAL CHI
Total/NA	Analysis	8260B		50	614737	08/18/21 17:05	JLC	TAL CHI

Client Sample ID: WB-HS-5, 2 FT
Lab Sample ID: 500-203655-2
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	614078	08/13/21 07:02	LWN	TAL CHI

Client Sample ID: WB-HS-5, 2 FT
Lab Sample ID: 500-203655-2
Date Collected: 08/10/21 14:05
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			614311	08/15/21 17:34	WRE	TAL CHI
Total/NA	Analysis	8260B		50	614737	08/18/21 17:32	JLC	TAL CHI

Client Sample ID: WB-Stockpile
Lab Sample ID: 500-203655-3
Date Collected: 08/10/21 15:25
Matrix: Solid
Date Received: 08/12/21 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	614078	08/13/21 07:02	LWN	TAL CHI

Client Sample ID: WB-Stockpile
Lab Sample ID: 500-203655-3
Date Collected: 08/10/21 15:25
Matrix: Solid
Date Received: 08/12/21 09:55
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			614311	08/15/21 17:36	WRE	TAL CHI
Total/NA	Analysis	8260B		50	614737	08/18/21 17:59	JLC	TAL CHI

Laboratory References:
TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Job ID: 500-203655-1
Project/Site: Community Within the Corridor - West Block
40441

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

KSingh | Engineers Scientists Consultant

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-203655

500-203655 COC

Sample Collector(s)	Title	Telephone # (incl area code)	Report To
Alexander Huebner Moayad Asfour	Staff Engineer	(262) 821 1171	Robert Reineke & Dan Pelczar
Property Owner	**Property Address**	**Telephone # (incl area code)**	**KSingh Project #**
Community Within the Corridor - West Block	2748 N 32nd St, Milwaukee WI	N/A	40441

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

Laboratory Name **Eurofins-TestAmerica**

Relinquished By (Signature)	Date/Time	Received By (Signature)	Temperature Blank. 2.4
	8/10/21, 3 40 pm		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.
Relinquished By (Signature)	Date/Time	Received By (Signature)	
	8/10/21, 3 40pm	8.11.21 1700	

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

8/12/21 0955

Date Collected	Time Collected	Samples Type (1)	Samples Device	Location/Description (2)	VOCs										Sample Condition # / Type of Container 40mL MeOH	Unpres 2oz	Unpres 8oz		Other Comment
8/10/2021	14:05	S	Hand	WB-HS-4 , 2 ft	x										1	1			
8/10/2021	14:05	S	Hand	WB-HS-5 2 ft	x										1	1			
8/10/2021	15 25	S	Hand	WB-Stockpile	x										1	1			

NOTE(S)

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES	DEPARTMENT USE ONLY
Disposition of unused portion of sample Laboratory should (check) [ ] Dispose [ ] Return [x] Retain for 30 (days) [ ] Other	Split Samples Offered [ ] Y [ ] N Accepted By Accepted [ ] Y [ ] N Signature

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-203655-1

Login Number: 203655
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, 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	2.4
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-209779-1
Client Project/Site: Community Within the Corridor - West Block 40443

For:
K. Singh & Associates, Inc
3636 N. 124th Street
Wauwatosa, Wisconsin 53222

Attn: Mr. Robert Reineke

Authorized for release by:
12/28/2021 2:27:49 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

Table of Contents

Job ID: 500-209779-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-209779-1

Comments
No additional comments.

Receipt
The samples were received on 12/15/2021 10:40 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 1.7º C.

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

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

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank SE, 4
Lab Sample ID: 500-209779-1

No Detections.

Client Sample ID: Tank SW, 4
Lab Sample ID: 500-209779-2

No Detections.

Client Sample ID: Tank NE, 4
Lab Sample ID: 500-209779-3

No Detections.

Client Sample ID: Tank NW, 4
Lab Sample ID: 500-209779-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = Eurofins TestAmerica, 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
40443

Job ID: 500-209779-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-209779-1	Tank SE, 4	Solid	12/13/21 11:40	12/15/21 10:40
500-209779-2	Tank SW, 4	Solid	12/13/21 11:45	12/15/21 10:40
500-209779-3	Tank NE, 4	Solid	12/13/21 11:50	12/15/21 10:40
500-209779-4	Tank NW, 4	Solid	12/13/21 11:55	12/15/21 10:40

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank SE, 4
Date Collected: 12/13/21 11:40
Date Received: 12/15/21 10:40

Lab Sample ID: 500-209779-1
Matrix: Solid
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0092		0.016	0.0092	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Bromobenzene	<0.022		0.063	0.022	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Bromochloromethane	<0.027		0.063	0.027	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Bromodichloromethane	<0.023		0.063	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Bromoform	<0.030		0.063	0.030	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Carbon tetrachloride	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Chlorobenzene	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Chloroethane	<0.032		0.063	0.032	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Chloroform	<0.023		0.13	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Chloromethane	<0.020		0.063	0.020	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
2-Chlorotoluene	<0.020		0.063	0.020	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
4-Chlorotoluene	<0.022		0.063	0.022	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
cis-1,2-Dichloroethene	<0.026		0.063	0.026	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
cis-1,3-Dichloropropene	<0.026		0.063	0.026	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Dibromochloromethane	<0.031		0.063	0.031	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2-Dibromo-3-Chloropropane	<0.13		0.31	0.13	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2-Dibromoethane	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Dibromomethane	<0.017		0.063	0.017	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2-Dichlorobenzene	<0.021		0.063	0.021	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,3-Dichlorobenzene	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,4-Dichlorobenzene	<0.023		0.063	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1-Dichloroethane	<0.026		0.063	0.026	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2-Dichloroethane	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1-Dichloroethene	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2-Dichloropropane	<0.027		0.063	0.027	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,3-Dichloropropane	<0.023		0.063	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
2,2-Dichloropropane	<0.028		0.063	0.028	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1-Dichloropropene	<0.019		0.063	0.019	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Hexachlorobutadiene	<0.028		0.063	0.028	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Isopropylbenzene	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Isopropyl ether	<0.017		0.063	0.017	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Methyl tert-butyl ether	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Naphthalene	<0.021		0.063	0.021	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
n-Butylbenzene	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
N-Propylbenzene	<0.026		0.063	0.026	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
p-Isopropyltoluene	<0.023		0.063	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
sec-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Styrene	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
tert-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1,1,2-Tetrachloroethane	<0.029		0.063	0.029	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1,2,2-Tetrachloroethane	<0.025		0.063	0.025	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Tetrachloroethene	<0.023		0.063	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Toluene	<0.0092		0.016	0.0092	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
trans-1,2-Dichloroethene	<0.022		0.063	0.022	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank SE, 4
Lab Sample ID: 500-209779-1
Date Collected: 12/13/21 11:40
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.023		0.063	0.023	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2,3-Trichlorobenzene	<0.029		0.063	0.029	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2,4-Trichlorobenzene	<0.021		0.063	0.021	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1,1-Trichloroethane	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,1,2-Trichloroethane	<0.022		0.063	0.022	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Trichlorofluoromethane	<0.027		0.063	0.027	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,2,4-Trimethylbenzene	<0.022		0.063	0.022	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
1,3,5-Trimethylbenzene	<0.024		0.063	0.024	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Vinyl chloride	<0.016		0.063	0.016	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	12/13/21 11:40	12/23/21 14:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*72 - 124*	*12/13/21 11:40*	*12/23/21 14:53*	*50*
Dibromofluoromethane (Surr)	*86*		*75 - 120*	*12/13/21 11:40*	*12/23/21 14:53*	*50*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*	*12/13/21 11:40*	*12/23/21 14:53*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*12/13/21 11:40*	*12/23/21 14:53*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank SW, 4
Lab Sample ID: 500-209779-2
Date Collected: 12/13/21 11:45
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 85.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0096		0.016	0.0096	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Bromobenzene	<0.023		0.066	0.023	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Bromochloromethane	<0.028		0.066	0.028	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Bromodichloromethane	<0.024		0.066	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Bromoform	<0.032		0.066	0.032	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Bromomethane	<0.052		0.20	0.052	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Carbon tetrachloride	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Chlorobenzene	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Chloroethane	<0.033		0.066	0.033	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Chloroform	<0.024		0.13	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Chloromethane	<0.021		0.066	0.021	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
2-Chlorotoluene	<0.021		0.066	0.021	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
4-Chlorotoluene	<0.023		0.066	0.023	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
cis-1,2-Dichloroethene	<0.027		0.066	0.027	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
cis-1,3-Dichloropropene	<0.027		0.066	0.027	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Dibromochloromethane	<0.032		0.066	0.032	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2-Dibromoethane	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Dibromomethane	<0.018		0.066	0.018	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2-Dichlorobenzene	<0.022		0.066	0.022	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,3-Dichlorobenzene	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,4-Dichlorobenzene	<0.024		0.066	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1-Dichloroethane	<0.027		0.066	0.027	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2-Dichloroethane	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1-Dichloroethene	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2-Dichloropropane	<0.028		0.066	0.028	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,3-Dichloropropane	<0.024		0.066	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
2,2-Dichloropropane	<0.029		0.066	0.029	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1-Dichloropropene	<0.020		0.066	0.020	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Hexachlorobutadiene	<0.029		0.066	0.029	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Isopropylbenzene	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Isopropyl ether	<0.018		0.066	0.018	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Methylene Chloride	<0.11		0.33	0.11	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Methyl tert-butyl ether	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Naphthalene	<0.022		0.066	0.022	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
n-Butylbenzene	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
N-Propylbenzene	<0.027		0.066	0.027	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
p-Isopropyltoluene	<0.024		0.066	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
sec-Butylbenzene	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Styrene	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
tert-Butylbenzene	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1,1,2-Tetrachloroethane	<0.030		0.066	0.030	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1,2,2-Tetrachloroethane	<0.026		0.066	0.026	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Tetrachloroethene	<0.024		0.066	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Toluene	<0.0096		0.016	0.0096	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
trans-1,2-Dichloroethene	<0.023		0.066	0.023	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank SW, 4
Lab Sample ID: 500-209779-2
Date Collected: 12/13/21 11:45
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.024		0.066	0.024	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2,3-Trichlorobenzene	<0.030		0.066	0.030	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2,4-Trichlorobenzene	<0.022		0.066	0.022	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1,1-Trichloroethane	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,1,2-Trichloroethane	<0.023		0.066	0.023	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Trichloroethene	<0.011		0.033	0.011	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Trichlorofluoromethane	<0.028		0.066	0.028	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,2,4-Trimethylbenzene	<0.023		0.066	0.023	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
1,3,5-Trimethylbenzene	<0.025		0.066	0.025	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Vinyl chloride	<0.017		0.066	0.017	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50
Xylenes, Total	<0.014		0.033	0.014	mg/Kg	☼	12/13/21 11:45	12/23/21 15:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*72 - 124*	*12/13/21 11:45*	*12/23/21 15:20*	*50*
Dibromofluoromethane (Surr)	*86*		*75 - 120*	*12/13/21 11:45*	*12/23/21 15:20*	*50*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*	*12/13/21 11:45*	*12/23/21 15:20*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*12/13/21 11:45*	*12/23/21 15:20*	*50*

Client Sample ID: Tank NE, 4
Date Collected: 12/13/21 11:50
Date Received: 12/15/21 10:40

Lab Sample ID: 500-209779-3
Matrix: Solid
Percent Solids: 85.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0099		0.017	0.0099	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Bromobenzene	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Bromochloromethane	<0.029		0.067	0.029	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Bromodichloromethane	<0.025		0.067	0.025	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Bromoform	<0.033		0.067	0.033	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Bromomethane	<0.054		0.20	0.054	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Carbon tetrachloride	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Chlorobenzene	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Chloroethane	<0.034		0.067	0.034	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Chloroform	<0.025		0.13	0.025	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Chloromethane	<0.022		0.067	0.022	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
2-Chlorotoluene	<0.021		0.067	0.021	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
4-Chlorotoluene	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
cis-1,2-Dichloroethene	<0.028		0.067	0.028	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
cis-1,3-Dichloropropene	<0.028		0.067	0.028	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Dibromochloromethane	<0.033		0.067	0.033	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2-Dibromo-3-Chloropropane	<0.13		0.34	0.13	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2-Dibromoethane	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Dibromomethane	<0.018		0.067	0.018	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2-Dichlorobenzene	<0.023		0.067	0.023	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,3-Dichlorobenzene	<0.027		0.067	0.027	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,4-Dichlorobenzene	<0.025		0.067	0.025	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Dichlorodifluoromethane	<0.045		0.20	0.045	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1-Dichloroethane	<0.028		0.067	0.028	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2-Dichloroethane	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1-Dichloroethene	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2-Dichloropropane	<0.029		0.067	0.029	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,3-Dichloropropane	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
2,2-Dichloropropane	<0.030		0.067	0.030	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1-Dichloropropene	<0.020		0.067	0.020	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Ethylbenzene	<0.012		0.017	0.012	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Hexachlorobutadiene	<0.030		0.067	0.030	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Isopropylbenzene	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Isopropyl ether	<0.019		0.067	0.019	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Methylene Chloride	<0.11		0.34	0.11	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Methyl tert-butyl ether	<0.027		0.067	0.027	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Naphthalene	<0.023		0.067	0.023	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
n-Butylbenzene	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
N-Propylbenzene	<0.028		0.067	0.028	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
p-Isopropyltoluene	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
sec-Butylbenzene	<0.027		0.067	0.027	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Styrene	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
tert-Butylbenzene	<0.027		0.067	0.027	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1,1,2-Tetrachloroethane	<0.031		0.067	0.031	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1,2,2-Tetrachloroethane	<0.027		0.067	0.027	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Tetrachloroethene	<0.025		0.067	0.025	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Toluene	<0.0099		0.017	0.0099	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
trans-1,2-Dichloroethene	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank NE, 4
Lab Sample ID: 500-209779-3
Date Collected: 12/13/21 11:50
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2,3-Trichlorobenzene	<0.031		0.067	0.031	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2,4-Trichlorobenzene	<0.023		0.067	0.023	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1,1-Trichloroethane	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,1,2-Trichloroethane	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Trichloroethene	<0.011		0.034	0.011	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Trichlorofluoromethane	<0.029		0.067	0.029	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2,3-Trichloropropane	<0.028		0.13	0.028	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,2,4-Trimethylbenzene	<0.024		0.067	0.024	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
1,3,5-Trimethylbenzene	<0.026		0.067	0.026	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Vinyl chloride	<0.018		0.067	0.018	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50
Xylenes, Total	<0.015		0.034	0.015	mg/Kg	☼	12/13/21 11:50	12/23/21 15:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*72 - 124*	*12/13/21 11:50*	*12/23/21 15:48*	*50*
Dibromofluoromethane (Surr)	*87*		*75 - 120*	*12/13/21 11:50*	*12/23/21 15:48*	*50*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*	*12/13/21 11:50*	*12/23/21 15:48*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*12/13/21 11:50*	*12/23/21 15:48*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank NW, 4
Lab Sample ID: 500-209779-4

Date Collected: 12/13/21 11:55
Matrix: Solid

Date Received: 12/15/21 10:40
Percent Solids: 84.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0099		0.017	0.0099	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Bromobenzene	<0.024		0.068	0.024	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Bromochloromethane	<0.029		0.068	0.029	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Bromodichloromethane	<0.025		0.068	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Bromoform	<0.033		0.068	0.033	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Bromomethane	<0.054		0.20	0.054	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Carbon tetrachloride	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Chlorobenzene	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Chloroethane	<0.034		0.068	0.034	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Chloroform	<0.025		0.14	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Chloromethane	<0.022		0.068	0.022	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
2-Chlorotoluene	<0.021		0.068	0.021	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
4-Chlorotoluene	<0.024		0.068	0.024	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
cis-1,2-Dichloroethene	<0.028		0.068	0.028	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
cis-1,3-Dichloropropene	<0.028		0.068	0.028	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Dibromochloromethane	<0.033		0.068	0.033	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2-Dibromo-3-Chloropropane	<0.14		0.34	0.14	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2-Dibromoethane	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Dibromomethane	<0.018		0.068	0.018	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2-Dichlorobenzene	<0.023		0.068	0.023	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,3-Dichlorobenzene	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,4-Dichlorobenzene	<0.025		0.068	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Dichlorodifluoromethane	<0.046		0.20	0.046	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1-Dichloroethane	<0.028		0.068	0.028	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2-Dichloroethane	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1-Dichloroethene	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2-Dichloropropane	<0.029		0.068	0.029	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,3-Dichloropropane	<0.025		0.068	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
2,2-Dichloropropane	<0.030		0.068	0.030	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1-Dichloropropene	<0.020		0.068	0.020	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Ethylbenzene	<0.012		0.017	0.012	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Hexachlorobutadiene	<0.030		0.068	0.030	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Isopropylbenzene	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Isopropyl ether	<0.019		0.068	0.019	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Methylene Chloride	<0.11		0.34	0.11	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Methyl tert-butyl ether	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Naphthalene	<0.023		0.068	0.023	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
n-Butylbenzene	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
N-Propylbenzene	<0.028		0.068	0.028	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
p-Isopropyltoluene	<0.025		0.068	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
sec-Butylbenzene	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Styrene	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
tert-Butylbenzene	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1,1,2-Tetrachloroethane	<0.031		0.068	0.031	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1,2,2-Tetrachloroethane	<0.027		0.068	0.027	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Tetrachloroethene	<0.025		0.068	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Toluene	<0.010		0.017	0.010	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
trans-1,2-Dichloroethene	<0.024		0.068	0.024	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
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Client Sample ID: Tank NW, 4
Lab Sample ID: 500-209779-4
Date Collected: 12/13/21 11:55
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.025		0.068	0.025	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2,3-Trichlorobenzene	<0.031		0.068	0.031	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2,4-Trichlorobenzene	<0.023		0.068	0.023	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1,1-Trichloroethane	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,1,2-Trichloroethane	<0.024		0.068	0.024	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Trichloroethene	<0.011		0.034	0.011	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Trichlorofluoromethane	<0.029		0.068	0.029	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2,3-Trichloropropane	<0.028		0.14	0.028	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,2,4-Trimethylbenzene	<0.024		0.068	0.024	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
1,3,5-Trimethylbenzene	<0.026		0.068	0.026	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Vinyl chloride	<0.018		0.068	0.018	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50
Xylenes, Total	<0.015		0.034	0.015	mg/Kg	☼	12/13/21 11:55	12/23/21 16:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*72 - 124*	*12/13/21 11:55*	*12/23/21 16:15*	*50*
Dibromofluoromethane (Surr)	*87*		*75 - 120*	*12/13/21 11:55*	*12/23/21 16:15*	*50*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*12/13/21 11:55*	*12/23/21 16:15*	*50*
Toluene-d8 (Surr)	*93*		*75 - 120*	*12/13/21 11:55*	*12/23/21 16:15*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

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)
TNTC	Too Numerous To Count

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
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GC/MS VOA

Prep Batch: 634399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-209779-1	Tank SE, 4	Total/NA	Solid	5035	
500-209779-2	Tank SW, 4	Total/NA	Solid	5035	
500-209779-3	Tank NE, 4	Total/NA	Solid	5035	
500-209779-4	Tank NW, 4	Total/NA	Solid	5035	
LB3 500-634399/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-634399/22-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 635169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-209779-1	Tank SE, 4	Total/NA	Solid	8260B	634399
500-209779-2	Tank SW, 4	Total/NA	Solid	8260B	634399
500-209779-3	Tank NE, 4	Total/NA	Solid	8260B	634399
500-209779-4	Tank NW, 4	Total/NA	Solid	8260B	634399
LB3 500-634399/21-A	Method Blank	Total/NA	Solid	8260B	634399
MB 500-635169/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-634399/22-A	Lab Control Sample	Total/NA	Solid	8260B	634399
LCS 500-635169/4	Lab Control Sample	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 633834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-209779-1	Tank SE, 4	Total/NA	Solid	Moisture	
500-209779-2	Tank SW, 4	Total/NA	Solid	Moisture	
500-209779-3	Tank NE, 4	Total/NA	Solid	Moisture	
500-209779-4	Tank NW, 4	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **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)
500-209779-1	Tank SE, 4	80	86	88	94
500-209779-2	Tank SW, 4	81	86	87	93
500-209779-3	Tank NE, 4	81	87	90	94
500-209779-4	Tank NW, 4	81	87	89	93
LB3 500-634399/21-A	Method Blank	80	90	89	91
LCS 500-634399/22-A	Lab Control Sample	79	93	86	96
LCS 500-635169/4	Lab Control Sample	82	93	86	97
MB 500-635169/6	Method Blank	83	92	87	93

Surrogate Legend

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

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-634399/21-A
Matrix: Solid
Analysis Batch: 635169

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634399

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0073		0.013	0.0073	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Bromoform	<0.024		0.050	0.024	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Chloroform	<0.019		0.10	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Styrene	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		12/19/21 04:50	12/23/21 13:57	50

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

Lab Sample ID: LB3 500-634399/21-A
Matrix: Solid
Analysis Batch: 635169

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634399

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		12/19/21 04:50	12/23/21 13:57	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		12/19/21 04:50	12/23/21 13:57	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*72 - 124*	*12/19/21 04:50*	*12/23/21 13:57*	*50*
Dibromofluoromethane (Surr)	*90*		*75 - 120*	*12/19/21 04:50*	*12/23/21 13:57*	*50*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*12/19/21 04:50*	*12/23/21 13:57*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*12/19/21 04:50*	*12/23/21 13:57*	*50*

Lab Sample ID: LCS 500-634399/22-A
Matrix: Solid
Analysis Batch: 635169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2.50	2.38		mg/Kg		95	70 - 120
Bromobenzene	2.50	1.83		mg/Kg		73	70 - 122
Bromochloromethane	2.50	2.50		mg/Kg		100	65 - 122
Bromodichloromethane	2.50	1.89		mg/Kg		76	69 - 120
Bromoform	2.50	1.57		mg/Kg		63	56 - 132
Bromomethane	2.50	2.61		mg/Kg		104	40 - 152
Carbon tetrachloride	2.50	2.29		mg/Kg		92	59 - 133
Chlorobenzene	2.50	2.31		mg/Kg		93	70 - 120
Chloroethane	2.50	2.18		mg/Kg		87	48 - 136
Chloroform	2.50	2.20		mg/Kg		88	70 - 120
Chloromethane	2.50	2.14		mg/Kg		86	56 - 152
2-Chlorotoluene	2.50	2.10		mg/Kg		84	70 - 125
4-Chlorotoluene	2.50	2.05		mg/Kg		82	68 - 124
cis-1,2-Dichloroethene	2.50	2.39		mg/Kg		95	70 - 125
cis-1,3-Dichloropropene	2.50	1.82		mg/Kg		73	64 - 127
Dibromochloromethane	2.50	1.80		mg/Kg		72	68 - 125
1,2-Dibromo-3-Chloropropane	2.50	1.47		mg/Kg		59	56 - 123
1,2-Dibromoethane	2.50	2.02		mg/Kg		81	70 - 125
Dibromomethane	2.50	2.22		mg/Kg		89	70 - 120
1,2-Dichlorobenzene	2.50	2.20		mg/Kg		88	70 - 125
1,3-Dichlorobenzene	2.50	2.17		mg/Kg		87	70 - 125
1,4-Dichlorobenzene	2.50	2.16		mg/Kg		86	70 - 120

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

Lab Sample ID: LCS 500-634399/22-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 635169
Prep Batch: 634399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2.50	1.57		mg/Kg		63	40 - 159
1,1-Dichloroethane	2.50	2.23		mg/Kg		89	70 - 125
1,2-Dichloroethane	2.50	2.11		mg/Kg		84	68 - 127
1,1-Dichloroethene	2.50	2.65		mg/Kg		106	67 - 122
1,2-Dichloropropane	2.50	2.25		mg/Kg		90	67 - 130
1,3-Dichloropropane	2.50	1.99		mg/Kg		80	62 - 136
2,2-Dichloropropane	2.50	2.03		mg/Kg		81	58 - 139
1,1-Dichloropropene	2.50	2.29		mg/Kg		92	70 - 121
Ethylbenzene	2.50	2.53		mg/Kg		101	70 - 123
Hexachlorobutadiene	2.50	2.91		mg/Kg		116	51 - 150
Isopropylbenzene	2.50	2.29		mg/Kg		91	70 - 126
Methylene Chloride	2.50	2.55		mg/Kg		102	69 - 125
Methyl tert-butyl ether	2.50	1.98		mg/Kg		79	55 - 123
Naphthalene	2.50	2.78		mg/Kg		111	53 - 144
n-Butylbenzene	2.50	2.62		mg/Kg		105	68 - 125
N-Propylbenzene	2.50	2.15		mg/Kg		86	69 - 127
p-Isopropyltoluene	2.50	2.71		mg/Kg		108	70 - 125
sec-Butylbenzene	2.50	2.55		mg/Kg		102	70 - 123
Styrene	2.50	2.35		mg/Kg		94	70 - 120
tert-Butylbenzene	2.50	2.57		mg/Kg		103	70 - 121
1,1,1,2-Tetrachloroethane	2.50	2.30		mg/Kg		92	70 - 125
1,1,2,2-Tetrachloroethane	2.50	1.68		mg/Kg		67	62 - 140
Tetrachloroethene	2.50	2.40		mg/Kg		96	70 - 128
Toluene	2.50	2.36		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	2.50	2.41		mg/Kg		96	70 - 125
trans-1,3-Dichloropropene	2.50	1.65		mg/Kg		66	62 - 128
1,2,3-Trichlorobenzene	2.50	2.86		mg/Kg		115	51 - 145
1,2,4-Trichlorobenzene	2.50	2.70		mg/Kg		108	57 - 137
1,1,1-Trichloroethane	2.50	2.41		mg/Kg		97	70 - 125
1,1,2-Trichloroethane	2.50	2.09		mg/Kg		84	71 - 130
Trichloroethene	2.50	2.49		mg/Kg		100	70 - 125
Trichlorofluoromethane	2.50	2.35		mg/Kg		94	55 - 128
1,2,3-Trichloropropane	2.50	1.73		mg/Kg		69	50 - 133
1,2,4-Trimethylbenzene	2.50	2.33		mg/Kg		93	70 - 123
1,3,5-Trimethylbenzene	2.50	2.36		mg/Kg		94	70 - 123
Vinyl chloride	2.50	2.60		mg/Kg		104	64 - 126
Xylenes, Total	5.00	5.15		mg/Kg		103	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*79*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
Toluene-d8 (Surr)	*96*		*75 - 120*

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

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

Lab Sample ID: MB 500-635169/6
Matrix: Solid
Analysis Batch: 635169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00015		0.00025	0.00015	mg/Kg			12/23/21 13:29	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			12/23/21 13:29	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			12/23/21 13:29	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			12/23/21 13:29	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			12/23/21 13:29	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			12/23/21 13:29	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			12/23/21 13:29	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			12/23/21 13:29	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			12/23/21 13:29	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			12/23/21 13:29	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			12/23/21 13:29	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			12/23/21 13:29	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			12/23/21 13:29	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			12/23/21 13:29	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			12/23/21 13:29	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			12/23/21 13:29	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			12/23/21 13:29	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			12/23/21 13:29	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			12/23/21 13:29	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			12/23/21 13:29	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			12/23/21 13:29	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			12/23/21 13:29	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			12/23/21 13:29	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			12/23/21 13:29	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			12/23/21 13:29	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			12/23/21 13:29	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			12/23/21 13:29	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			12/23/21 13:29	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			12/23/21 13:29	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			12/23/21 13:29	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			12/23/21 13:29	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			12/23/21 13:29	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			12/23/21 13:29	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			12/23/21 13:29	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			12/23/21 13:29	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			12/23/21 13:29	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			12/23/21 13:29	1
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			12/23/21 13:29	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			12/23/21 13:29	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			12/23/21 13:29	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			12/23/21 13:29	1

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

Lab Sample ID: MB 500-635169/6
Matrix: Solid
Analysis Batch: 635169

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	<0.00035		0.0010	0.00035	mg/Kg			12/23/21 13:29	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			12/23/21 13:29	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			12/23/21 13:29	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			12/23/21 13:29	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			12/23/21 13:29	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			12/23/21 13:29	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			12/23/21 13:29	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			12/23/21 13:29	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			12/23/21 13:29	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			12/23/21 13:29	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			12/23/21 13:29	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			12/23/21 13:29	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			12/23/21 13:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*72 - 124*		*12/23/21 13:29*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*12/23/21 13:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*12/23/21 13:29*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*12/23/21 13:29*	*1*

Lab Sample ID: LCS 500-635169/4
Matrix: Solid
Analysis Batch: 635169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0468		mg/Kg		94	70 - 120
Bromobenzene	0.0500	0.0386		mg/Kg		77	70 - 122
Bromochloromethane	0.0500	0.0505		mg/Kg		101	65 - 122
Bromodichloromethane	0.0500	0.0386		mg/Kg		77	69 - 120
Bromoform	0.0500	0.0328		mg/Kg		66	56 - 132
Bromomethane	0.0500	0.0559		mg/Kg		112	40 - 152
Carbon tetrachloride	0.0500	0.0437		mg/Kg		87	59 - 133
Chlorobenzene	0.0500	0.0466		mg/Kg		93	70 - 120
Chloroethane	0.0500	0.0565		mg/Kg		113	48 - 136
Chloroform	0.0500	0.0440		mg/Kg		88	70 - 120
Chloromethane	0.0500	0.0439		mg/Kg		88	56 - 152
2-Chlorotoluene	0.0500	0.0428		mg/Kg		86	70 - 125
4-Chlorotoluene	0.0500	0.0415		mg/Kg		83	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0481		mg/Kg		96	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0366		mg/Kg		73	64 - 127
Dibromochloromethane	0.0500	0.0369		mg/Kg		74	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0304		mg/Kg		61	56 - 123
1,2-Dibromoethane	0.0500	0.0413		mg/Kg		83	70 - 125
Dibromomethane	0.0500	0.0441		mg/Kg		88	70 - 120
1,2-Dichlorobenzene	0.0500	0.0437		mg/Kg		87	70 - 125
1,3-Dichlorobenzene	0.0500	0.0440		mg/Kg		88	70 - 125
1,4-Dichlorobenzene	0.0500	0.0428		mg/Kg		86	70 - 120

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

Lab Sample ID: LCS 500-635169/4
Matrix: Solid
Analysis Batch: 635169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.0472		mg/Kg		94	40 - 159
1,1-Dichloroethane	0.0500	0.0443		mg/Kg		89	70 - 125
1,2-Dichloroethane	0.0500	0.0425		mg/Kg		85	68 - 127
1,1-Dichloroethene	0.0500	0.0519		mg/Kg		104	67 - 122
1,2-Dichloropropane	0.0500	0.0444		mg/Kg		89	67 - 130
1,3-Dichloropropane	0.0500	0.0403		mg/Kg		81	62 - 136
2,2-Dichloropropane	0.0500	0.0358		mg/Kg		72	58 - 139
1,1-Dichloropropene	0.0500	0.0450		mg/Kg		90	70 - 121
Ethylbenzene	0.0500	0.0498		mg/Kg		100	70 - 123
Hexachlorobutadiene	0.0500	0.0517		mg/Kg		103	51 - 150
Isopropylbenzene	0.0500	0.0462		mg/Kg		92	70 - 126
Methylene Chloride	0.0500	0.0482		mg/Kg		96	69 - 125
Methyl tert-butyl ether	0.0500	0.0283		mg/Kg		57	55 - 123
Naphthalene	0.0500	0.0500		mg/Kg		100	53 - 144
n-Butylbenzene	0.0500	0.0492		mg/Kg		98	68 - 125
N-Propylbenzene	0.0500	0.0438		mg/Kg		88	69 - 127
p-Isopropyltoluene	0.0500	0.0522		mg/Kg		104	70 - 125
sec-Butylbenzene	0.0500	0.0495		mg/Kg		99	70 - 123
Styrene	0.0500	0.0467		mg/Kg		93	70 - 120
tert-Butylbenzene	0.0500	0.0502		mg/Kg		100	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0462		mg/Kg		92	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0363		mg/Kg		73	62 - 140
Tetrachloroethene	0.0500	0.0479		mg/Kg		96	70 - 128
Toluene	0.0500	0.0474		mg/Kg		95	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0480		mg/Kg		96	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0327		mg/Kg		65	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0491		mg/Kg		98	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0468		mg/Kg		94	57 - 137
1,1,1-Trichloroethane	0.0500	0.0450		mg/Kg		90	70 - 125
1,1,2-Trichloroethane	0.0500	0.0431		mg/Kg		86	71 - 130
Trichloroethene	0.0500	0.0490		mg/Kg		98	70 - 125
Trichlorofluoromethane	0.0500	0.0400		mg/Kg		80	55 - 128
1,2,3-Trichloropropane	0.0500	0.0364		mg/Kg		73	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0460		mg/Kg		92	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0467		mg/Kg		93	70 - 123
Vinyl chloride	0.0500	0.0491		mg/Kg		98	64 - 126
Xylenes, Total	0.100	0.101		mg/Kg		101	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank SE, 4
Lab Sample ID: 500-209779-1
Date Collected: 12/13/21 11:40
Matrix: Solid
Date Received: 12/15/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	633834	12/15/21 11:57	LWN	TAL CHI

Client Sample ID: Tank SE, 4
Lab Sample ID: 500-209779-1
Date Collected: 12/13/21 11:40
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			634399	12/13/21 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	635169	12/23/21 14:53	STW	TAL CHI

Client Sample ID: Tank SW, 4
Lab Sample ID: 500-209779-2
Date Collected: 12/13/21 11:45
Matrix: Solid
Date Received: 12/15/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	633834	12/15/21 11:57	LWN	TAL CHI

Client Sample ID: Tank SW, 4
Lab Sample ID: 500-209779-2
Date Collected: 12/13/21 11:45
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			634399	12/13/21 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	635169	12/23/21 15:20	STW	TAL CHI

Client Sample ID: Tank NE, 4
Lab Sample ID: 500-209779-3
Date Collected: 12/13/21 11:50
Matrix: Solid
Date Received: 12/15/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	633834	12/15/21 11:57	LWN	TAL CHI

Client Sample ID: Tank NE, 4
Lab Sample ID: 500-209779-3
Date Collected: 12/13/21 11:50
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			634399	12/13/21 11:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	635169	12/23/21 15:48	STW	TAL CHI

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Client Sample ID: Tank NW, 4
Lab Sample ID: 500-209779-4
Date Collected: 12/13/21 11:55
Matrix: Solid
Date Received: 12/15/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	633834	12/15/21 11:57	LWN	TAL CHI

Client Sample ID: Tank NW, 4
Lab Sample ID: 500-209779-4
Date Collected: 12/13/21 11:55
Matrix: Solid
Date Received: 12/15/21 10:40
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			634399	12/13/21 11:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	635169	12/23/21 16:15	STW	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Job ID: 500-209779-1
Project/Site: Community Within the Corridor - West Block
40443

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

KSingh | Engineers Scientists Consultants

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-209779

Sample Collector(s): Robert Reineke (500-209779 COC)	Title: Senior Engineer	Telephone # (incl area code): (262) 821 1171	Report To: Robert Reineke & Dan Pelczar
Property Owner: Community Within the Corridor West Block	Property Address: 3212 W Center St. 2727 N 32nd St and 2758 N 33rd St. Milwaukee WI 53210	Telephone # (incl area code): N/A	KSingh Project #: 40443
I hereby certify that I received properly and disposed of the samples as noted below		Laboratory Name: Eurofins-TestAmerica	
Relinquished By (Signature)	Date/Time: 12/14/21 1500	Received By (Signature)	Temperature Blank: 1.7
Relinquished By (Signature)	Date/Time: 12/14/21 1700	Received By (Signature): 12/15/21 1040	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
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											Sample Condition: # / Type of Container: 40mL MeOH	Unpres 2oz	Unpres 8oz	---	Other Comment
12/13/2021	11 40 am	S	Hand	Tank, SE 4	x											1	1			
12/13/2021	11 45 am	S	Hand	Tank SW 4	x											1	1			
12/13/2021	11 50 am	S	Hand	Tank NE 4	x											1	1			
12/13/2021	11 55 am	S	Hand	Tank NW 4	x											1	1			

NOTE(S)

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES	DEPARTMENT USE ONLY
Disposition of unused portion of sample Laboratory should (check) [ ] Dispose [ ] Return [x] Retain for 30 (days) [ ] Other	Split Samples Offered [ ] Y [ ] N Accepted By Accepted [ ] Y [ ] N Signature

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-209779-1

Login Number: 209779
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, 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	1.7
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-208677-1
Client Project/Site: Community Within the Corridor - West Block 40484

For:
K. Singh & Associates, Inc
3636 N. 124th Street
Wauwatosa, Wisconsin 53222

Attn: Mr. Robert Reineke

Authorized for release by:
11/30/2021 4:11:27 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

Table of Contents

Job ID: 500-208677-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-208677-1

Comments
No additional comments.

Receipt
The samples were received on 11/19/2021 10:25 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 5.0º C and 5.7º C.

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

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

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 1-S.Wall, 4'
Lab Sample ID: 500-208677-1

No Detections.

Client Sample ID: 2-E. Wall, 4'
Lab Sample ID: 500-208677-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.015		0.014	0.010	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	0.028	J B	0.055	0.019	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.024		0.014	0.0081	mg/Kg	50	☼	8260B	Total/NA
1,2,4-Trimethylbenzene	0.023	J	0.055	0.020	mg/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.028	J	0.055	0.021	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	0.073		0.028	0.012	mg/Kg	50	☼	8260B	Total/NA

Client Sample ID: 3-N. Bottom, 6'
Lab Sample ID: 500-208677-3

No Detections.

Client Sample ID: 4-S. Bottom, 6'
Lab Sample ID: 500-208677-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = Eurofins TestAmerica, 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
40484

Job ID: 500-208677-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-208677-1	1-S.Wall, 4'	Solid	11/17/21 13:20	11/19/21 10:25
500-208677-2	2-E. Wall, 4'	Solid	11/17/21 13:25	11/19/21 10:25
500-208677-3	3-N. Bottom, 6'	Solid	11/17/21 13:30	11/19/21 10:25
500-208677-4	4-S. Bottom, 6'	Solid	11/17/21 13:35	11/19/21 10:25

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 1-S.Wall, 4'
Lab Sample ID: 500-208677-1
Date Collected: 11/17/21 13:20
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 96.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0076		0.013	0.0076	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Bromobenzene	<0.018		0.052	0.018	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Bromochloromethane	<0.022		0.052	0.022	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Bromodichloromethane	<0.019		0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Bromoform	<0.025		0.052	0.025	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Bromomethane	<0.041		0.16	0.041	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Carbon tetrachloride	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Chlorobenzene	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Chloroethane	<0.026	*- F1	0.052	0.026	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Chloroform	<0.019		0.10	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Chloromethane	<0.017	*-	0.052	0.017	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
2-Chlorotoluene	<0.016		0.052	0.016	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
4-Chlorotoluene	<0.018		0.052	0.018	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
cis-1,2-Dichloroethene	<0.021		0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
cis-1,3-Dichloropropene	<0.022		0.052	0.022	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Dibromochloromethane	<0.025		0.052	0.025	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2-Dibromo-3-Chloropropane	<0.10	F1	0.26	0.10	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2-Dibromoethane	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Dibromomethane	<0.014		0.052	0.014	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2-Dichlorobenzene	<0.017		0.052	0.017	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,3-Dichlorobenzene	<0.021		0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,4-Dichlorobenzene	<0.019		0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Dichlorodifluoromethane	<0.035		0.16	0.035	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1-Dichloroethane	<0.021		0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2-Dichloroethane	<0.020	F1	0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1-Dichloroethene	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2-Dichloropropane	<0.022		0.052	0.022	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,3-Dichloropropane	<0.019		0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
2,2-Dichloropropane	<0.023		0.052	0.023	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1-Dichloropropene	<0.015		0.052	0.015	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Ethylbenzene	<0.0095		0.013	0.0095	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Hexachlorobutadiene	<0.023		0.052	0.023	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Isopropylbenzene	<0.020	F1	0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Isopropyl ether	<0.014		0.052	0.014	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Methylene Chloride	<0.084		0.26	0.084	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Methyl tert-butyl ether	<0.020	F1	0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Naphthalene	<0.017		0.052	0.017	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
n-Butylbenzene	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
N-Propylbenzene	<0.021		0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
p-Isopropyltoluene	<0.019	F1	0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
sec-Butylbenzene	<0.021	F1	0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Styrene	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
tert-Butylbenzene	<0.021	F1	0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1,1,2-Tetrachloroethane	<0.024		0.052	0.024	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1,2,2-Tetrachloroethane	<0.021		0.052	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Tetrachloroethene	<0.019		0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Toluene	<0.0076		0.013	0.0076	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
trans-1,2-Dichloroethene	<0.018		0.052	0.018	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 1-S.Wall, 4'
Lab Sample ID: 500-208677-1
Date Collected: 11/17/21 13:20
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 96.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.019		0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2,3-Trichlorobenzene	<0.024		0.052	0.024	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2,4-Trichlorobenzene	<0.018		0.052	0.018	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1,1-Trichloroethane	<0.020		0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,1,2-Trichloroethane	<0.018		0.052	0.018	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Trichloroethene	<0.0085		0.026	0.0085	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Trichlorofluoromethane	<0.022		0.052	0.022	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,2,4-Trimethylbenzene	<0.019	F1	0.052	0.019	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
1,3,5-Trimethylbenzene	<0.020	F1	0.052	0.020	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Vinyl chloride	<0.014	*-	0.052	0.014	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50
Xylenes, Total	<0.011		0.026	0.011	mg/Kg	☼	11/17/21 13:20	11/29/21 15:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*	*11/17/21 13:20*	*11/29/21 15:27*	*50*
Dibromofluoromethane (Surr)	*107*		*75 - 120*	*11/17/21 13:20*	*11/29/21 15:27*	*50*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*	*11/17/21 13:20*	*11/29/21 15:27*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*11/17/21 13:20*	*11/29/21 15:27*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 2-E. Wall, 4'
Lab Sample ID: 500-208677-2
Date Collected: 11/17/21 13:25
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 94.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0081		0.014	0.0081	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Bromobenzene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Bromochloromethane	<0.024		0.055	0.024	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Bromodichloromethane	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Bromoform	<0.027		0.055	0.027	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Bromomethane	<0.044		0.17	0.044	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Carbon tetrachloride	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Chlorobenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Chloroethane	<0.028	*-	0.055	0.028	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Chloroform	<0.020		0.11	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Chloromethane	<0.018	*-	0.055	0.018	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
2-Chlorotoluene	<0.017		0.055	0.017	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
4-Chlorotoluene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
cis-1,2-Dichloroethene	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
cis-1,3-Dichloropropene	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Dibromochloromethane	<0.027		0.055	0.027	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2-Dibromo-3-Chloropropane	<0.11		0.28	0.11	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2-Dibromoethane	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Dibromomethane	<0.015		0.055	0.015	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2-Dichlorobenzene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,3-Dichlorobenzene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,4-Dichlorobenzene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Dichlorodifluoromethane	<0.037		0.17	0.037	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1-Dichloroethane	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2-Dichloroethane	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1-Dichloroethene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2-Dichloropropane	<0.024		0.055	0.024	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,3-Dichloropropane	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
2,2-Dichloropropane	<0.025		0.055	0.025	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1-Dichloropropene	<0.017		0.055	0.017	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Ethylbenzene	**0.015**		0.014	0.010	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Hexachlorobutadiene	<0.025		0.055	0.025	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Isopropylbenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Isopropyl ether	<0.015		0.055	0.015	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Methylene Chloride	<0.090		0.28	0.090	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Methyl tert-butyl ether	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Naphthalene	**0.028**	**J B**	0.055	0.019	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
n-Butylbenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
N-Propylbenzene	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
p-Isopropyltoluene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
sec-Butylbenzene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Styrene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
tert-Butylbenzene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1,1,2-Tetrachloroethane	<0.026		0.055	0.026	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1,2,2-Tetrachloroethane	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Tetrachloroethene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Toluene	**0.024**		0.014	0.0081	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
trans-1,2-Dichloroethene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 2-E. Wall, 4'
Lab Sample ID: 500-208677-2
Date Collected: 11/17/21 13:25
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2,3-Trichlorobenzene	<0.025		0.055	0.025	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2,4-Trichlorobenzene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1,1-Trichloroethane	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,1,2-Trichloroethane	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Trichloroethene	<0.0091		0.028	0.0091	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Trichlorofluoromethane	<0.024		0.055	0.024	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2,3-Trichloropropane	<0.023		0.11	0.023	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,2,4-Trimethylbenzene	**0.023**	**J**	0.055	0.020	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
1,3,5-Trimethylbenzene	**0.028**	**J**	0.055	0.021	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Vinyl chloride	<0.015	*-	0.055	0.015	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50
Xylenes, Total	**0.073**		0.028	0.012	mg/Kg	☼	11/17/21 13:25	11/29/21 15:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*	*11/17/21 13:25*	*11/29/21 15:51*	*50*
Dibromofluoromethane (Surr)	*105*		*75 - 120*	*11/17/21 13:25*	*11/29/21 15:51*	*50*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*	*11/17/21 13:25*	*11/29/21 15:51*	*50*
Toluene-d8 (Surr)	*100*		*75 - 120*	*11/17/21 13:25*	*11/29/21 15:51*	*50*

Client Sample ID: 3-N. Bottom, 6'
Lab Sample ID: 500-208677-3

Date Collected: 11/17/21 13:30
Matrix: Solid

Date Received: 11/19/21 10:25
Percent Solids: 83.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.010		0.017	0.010	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Bromobenzene	<0.025		0.069	0.025	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Bromochloromethane	<0.030		0.069	0.030	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Bromodichloromethane	<0.026		0.069	0.026	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Bromoform	<0.034		0.069	0.034	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Bromomethane	<0.055		0.21	0.055	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Carbon tetrachloride	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Chlorobenzene	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Chloroethane	<0.035	*-	0.069	0.035	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Chloroform	<0.026		0.14	0.026	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Chloromethane	<0.022	*-	0.069	0.022	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
2-Chlorotoluene	<0.022		0.069	0.022	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
4-Chlorotoluene	<0.024		0.069	0.024	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
cis-1,2-Dichloroethene	<0.028		0.069	0.028	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
cis-1,3-Dichloropropene	<0.029		0.069	0.029	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Dibromochloromethane	<0.034		0.069	0.034	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2-Dibromo-3-Chloropropane	<0.14		0.35	0.14	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2-Dibromoethane	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Dibromomethane	<0.019		0.069	0.019	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2-Dichlorobenzene	<0.023		0.069	0.023	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,3-Dichlorobenzene	<0.028		0.069	0.028	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,4-Dichlorobenzene	<0.025		0.069	0.025	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Dichlorodifluoromethane	<0.047		0.21	0.047	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1-Dichloroethane	<0.028		0.069	0.028	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2-Dichloroethane	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1-Dichloroethene	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2-Dichloropropane	<0.030		0.069	0.030	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,3-Dichloropropane	<0.025		0.069	0.025	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
2,2-Dichloropropane	<0.031		0.069	0.031	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1-Dichloropropene	<0.021		0.069	0.021	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Ethylbenzene	<0.013		0.017	0.013	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Hexachlorobutadiene	<0.031		0.069	0.031	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Isopropylbenzene	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Isopropyl ether	<0.019		0.069	0.019	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Methylene Chloride	<0.11		0.35	0.11	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Methyl tert-butyl ether	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Naphthalene	<0.023		0.069	0.023	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
n-Butylbenzene	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
N-Propylbenzene	<0.029		0.069	0.029	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
p-Isopropyltoluene	<0.025		0.069	0.025	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
sec-Butylbenzene	<0.028		0.069	0.028	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Styrene	<0.027		0.069	0.027	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
tert-Butylbenzene	<0.028		0.069	0.028	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1,1,2-Tetrachloroethane	<0.032		0.069	0.032	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1,2,2-Tetrachloroethane	<0.028		0.069	0.028	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Tetrachloroethene	<0.026		0.069	0.026	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Toluene	<0.010		0.017	0.010	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
trans-1,2-Dichloroethene	<0.024		0.069	0.024	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 3-N. Bottom, 6'
Lab Sample ID: 500-208677-3
Date Collected: 11/17/21 13:30
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.025		0.069	0.025	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2,3-Trichlorobenzene	<0.032		0.069	0.032	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2,4-Trichlorobenzene	<0.024		0.069	0.024	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1,1-Trichloroethane	<0.026		0.069	0.026	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,1,2-Trichloroethane	<0.024		0.069	0.024	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Trichloroethene	<0.011		0.035	0.011	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Trichlorofluoromethane	<0.030		0.069	0.030	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2,3-Trichloropropane	<0.029		0.14	0.029	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,2,4-Trimethylbenzene	<0.025		0.069	0.025	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
1,3,5-Trimethylbenzene	<0.026		0.069	0.026	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Vinyl chloride	<0.018	*-	0.069	0.018	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50
Xylenes, Total	<0.015		0.035	0.015	mg/Kg	☼	11/17/21 13:30	11/29/21 16:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*	*11/17/21 13:30*	*11/29/21 16:15*	*50*
Dibromofluoromethane (Surr)	*104*		*75 - 120*	*11/17/21 13:30*	*11/29/21 16:15*	*50*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*	*11/17/21 13:30*	*11/29/21 16:15*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*11/17/21 13:30*	*11/29/21 16:15*	*50*

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 4-S. Bottom, 6'
Lab Sample ID: 500-208677-4
Date Collected: 11/17/21 13:35
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 92.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0080		0.014	0.0080	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Bromobenzene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Bromochloromethane	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Bromodichloromethane	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Bromoform	<0.027		0.055	0.027	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Bromomethane	<0.044		0.16	0.044	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Carbon tetrachloride	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Chlorobenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Chloroethane	<0.028	*-	0.055	0.028	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Chloroform	<0.020		0.11	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Chloromethane	<0.018	*-	0.055	0.018	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
2-Chlorotoluene	<0.017		0.055	0.017	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
4-Chlorotoluene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
cis-1,2-Dichloroethene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
cis-1,3-Dichloropropene	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Dibromochloromethane	<0.027		0.055	0.027	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2-Dibromo-3-Chloropropane	<0.11		0.27	0.11	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2-Dibromoethane	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Dibromomethane	<0.015		0.055	0.015	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2-Dichlorobenzene	<0.018		0.055	0.018	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,3-Dichlorobenzene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,4-Dichlorobenzene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Dichlorodifluoromethane	<0.037		0.16	0.037	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1-Dichloroethane	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2-Dichloroethane	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1-Dichloroethene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2-Dichloropropane	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,3-Dichloropropane	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
2,2-Dichloropropane	<0.024		0.055	0.024	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1-Dichloropropene	<0.016		0.055	0.016	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Ethylbenzene	<0.010		0.014	0.010	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Hexachlorobutadiene	<0.024		0.055	0.024	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Isopropylbenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Isopropyl ether	<0.015		0.055	0.015	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Methylene Chloride	<0.089		0.27	0.089	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Methyl tert-butyl ether	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Naphthalene	<0.018		0.055	0.018	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
n-Butylbenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
N-Propylbenzene	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
p-Isopropyltoluene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
sec-Butylbenzene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Styrene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
tert-Butylbenzene	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1,1,2-Tetrachloroethane	<0.025		0.055	0.025	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1,2,2-Tetrachloroethane	<0.022		0.055	0.022	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Tetrachloroethene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Toluene	<0.0080		0.014	0.0080	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
trans-1,2-Dichloroethene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 4-S. Bottom, 6'
Lab Sample ID: 500-208677-4
Date Collected: 11/17/21 13:35
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2,3-Trichlorobenzene	<0.025		0.055	0.025	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2,4-Trichlorobenzene	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1,1-Trichloroethane	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,1,2-Trichloroethane	<0.019		0.055	0.019	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Trichloroethene	<0.0090		0.027	0.0090	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Trichlorofluoromethane	<0.023		0.055	0.023	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2,3-Trichloropropane	<0.023		0.11	0.023	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,2,4-Trimethylbenzene	<0.020		0.055	0.020	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
1,3,5-Trimethylbenzene	<0.021		0.055	0.021	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Vinyl chloride	<0.014	*-	0.055	0.014	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50
Xylenes, Total	<0.012		0.027	0.012	mg/Kg	☼	11/17/21 13:35	11/29/21 16:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*	*11/17/21 13:35*	*11/29/21 16:39*	*50*
Dibromofluoromethane (Surr)	*105*		*75 - 120*	*11/17/21 13:35*	*11/29/21 16:39*	*50*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*	*11/17/21 13:35*	*11/29/21 16:39*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*11/17/21 13:35*	*11/29/21 16:39*	*50*

Definitions/Glossary

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

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.
F1	MS and/or MSD recovery exceeds control limits.
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)
TNTC	Too Numerous To Count

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

GC/MS VOA

Prep Batch: 630120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208677-1	1-S.Wall, 4'	Total/NA	Solid	5035	
500-208677-2	2-E. Wall, 4'	Total/NA	Solid	5035	
500-208677-3	3-N. Bottom, 6'	Total/NA	Solid	5035	
500-208677-4	4-S. Bottom, 6'	Total/NA	Solid	5035	
LB3 500-630120/18-A	Method Blank	Total/NA	Solid	5035	
LCS 500-630120/19-A	Lab Control Sample	Total/NA	Solid	5035	
500-208677-1 MS	1-S.Wall, 4'	Total/NA	Solid	5035	
500-208677-1 MSD	1-S.Wall, 4'	Total/NA	Solid	5035	

Analysis Batch: 630452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-630120/18-A	Method Blank	Total/NA	Solid	8260B	630120
MB 500-630452/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-630120/19-A	Lab Control Sample	Total/NA	Solid	8260B	630120
LCS 500-630452/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 631150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208677-1	1-S.Wall, 4'	Total/NA	Solid	8260B	630120
500-208677-2	2-E. Wall, 4'	Total/NA	Solid	8260B	630120
500-208677-3	3-N. Bottom, 6'	Total/NA	Solid	8260B	630120
500-208677-4	4-S. Bottom, 6'	Total/NA	Solid	8260B	630120
MB 500-631150/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-631150/5	Lab Control Sample	Total/NA	Solid	8260B	
500-208677-1 MS	1-S.Wall, 4'	Total/NA	Solid	8260B	630120
500-208677-1 MSD	1-S.Wall, 4'	Total/NA	Solid	8260B	630120

General Chemistry

Analysis Batch: 630004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208677-1	1-S.Wall, 4'	Total/NA	Solid	Moisture	
500-208677-2	2-E. Wall, 4'	Total/NA	Solid	Moisture	
500-208677-3	3-N. Bottom, 6'	Total/NA	Solid	Moisture	
500-208677-4	4-S. Bottom, 6'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **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)
500-208677-1	1-S.Wall, 4'	95	107	111	97
500-208677-1 MS	1-S.Wall, 4'	106	99	112	96
500-208677-1 MSD	1-S.Wall, 4'	109	103	115	99
500-208677-2	2-E. Wall, 4'	94	105	109	100
500-208677-3	3-N. Bottom, 6'	98	104	110	96
500-208677-4	4-S. Bottom, 6'	96	105	109	97
LB3 500-630120/18-A	Method Blank	100	89	103	114
LCS 500-630120/19-A	Lab Control Sample	103	96	118	109
LCS 500-630452/4	Lab Control Sample	102	91	105	112
LCS 500-631150/5	Lab Control Sample	101	98	104	99
MB 500-630452/6	Method Blank	96	93	110	116
MB 500-631150/7	Method Blank	98	102	107	95

Surrogate Legend

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

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-630120/18-A
Matrix: Solid
Analysis Batch: 630452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630120

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0073		0.013	0.0073	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Bromoform	<0.024		0.050	0.024	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Chloroform	<0.019		0.10	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Naphthalene	0.0183	J	0.050	0.017	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Styrene	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		11/21/21 07:30	11/23/21 10:53	50

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

Lab Sample ID: LB3 500-630120/18-A
Matrix: Solid
Analysis Batch: 630452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630120

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		11/21/21 07:30	11/23/21 10:53	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		11/21/21 07:30	11/23/21 10:53	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*	*11/21/21 07:30*	*11/23/21 10:53*	*50*
Dibromofluoromethane (Surr)	*89*		*75 - 120*	*11/21/21 07:30*	*11/23/21 10:53*	*50*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*11/21/21 07:30*	*11/23/21 10:53*	*50*
Toluene-d8 (Surr)	*114*		*75 - 120*	*11/21/21 07:30*	*11/23/21 10:53*	*50*

Lab Sample ID: LCS 500-630120/19-A
Matrix: Solid
Analysis Batch: 630452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2.50	2.33		mg/Kg		93	70 - 120
Bromobenzene	2.50	2.33		mg/Kg		93	70 - 122
Bromochloromethane	2.50	2.13		mg/Kg		85	65 - 122
Bromodichloromethane	2.50	2.57		mg/Kg		103	69 - 120
Bromoform	2.50	2.28		mg/Kg		91	56 - 132
Bromomethane	2.50	2.56		mg/Kg		102	40 - 152
Carbon tetrachloride	2.50	2.78		mg/Kg		111	59 - 133
Chlorobenzene	2.50	2.43		mg/Kg		97	70 - 120
Chloroethane	2.50	2.12		mg/Kg		85	48 - 136
Chloroform	2.50	2.71		mg/Kg		108	70 - 120
Chloromethane	2.50	1.05	*-	mg/Kg		42	56 - 152
2-Chlorotoluene	2.50	2.56		mg/Kg		102	70 - 125
4-Chlorotoluene	2.50	2.55		mg/Kg		102	68 - 124
cis-1,2-Dichloroethene	2.50	2.32		mg/Kg		93	70 - 125
cis-1,3-Dichloropropene	2.50	2.51		mg/Kg		100	64 - 127
Dibromochloromethane	2.50	2.25		mg/Kg		90	68 - 125
1,2-Dibromo-3-Chloropropane	2.50	2.33		mg/Kg		93	56 - 123
1,2-Dibromoethane	2.50	2.31		mg/Kg		92	70 - 125
Dibromomethane	2.50	2.24		mg/Kg		90	70 - 120
1,2-Dichlorobenzene	2.50	2.25		mg/Kg		90	70 - 125
1,3-Dichlorobenzene	2.50	2.27		mg/Kg		91	70 - 125
1,4-Dichlorobenzene	2.50	2.27		mg/Kg		91	70 - 120

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

Lab Sample ID: LCS 500-630120/19-A
Matrix: Solid
Analysis Batch: 630452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2.50	2.09		mg/Kg		84	40 - 159
1,1-Dichloroethane	2.50	2.46		mg/Kg		98	70 - 125
1,2-Dichloroethane	2.50	2.73		mg/Kg		109	68 - 127
1,1-Dichloroethene	2.50	2.31		mg/Kg		93	67 - 122
1,2-Dichloropropane	2.50	2.20		mg/Kg		88	67 - 130
1,3-Dichloropropane	2.50	2.41		mg/Kg		96	62 - 136
2,2-Dichloropropane	2.50	2.87		mg/Kg		115	58 - 139
1,1-Dichloropropene	2.50	2.67		mg/Kg		107	70 - 121
Ethylbenzene	2.50	2.54		mg/Kg		102	70 - 123
Hexachlorobutadiene	2.50	2.86		mg/Kg		114	51 - 150
Isopropylbenzene	2.50	2.54		mg/Kg		101	70 - 126
Methylene Chloride	2.50	2.33		mg/Kg		93	69 - 125
Methyl tert-butyl ether	2.50	2.54		mg/Kg		102	55 - 123
Naphthalene	2.50	1.76		mg/Kg		70	53 - 144
n-Butylbenzene	2.50	2.55		mg/Kg		102	68 - 125
N-Propylbenzene	2.50	2.50		mg/Kg		100	69 - 127
p-Isopropyltoluene	2.50	2.38		mg/Kg		95	70 - 125
sec-Butylbenzene	2.50	2.46		mg/Kg		99	70 - 123
Styrene	2.50	2.50		mg/Kg		100	70 - 120
tert-Butylbenzene	2.50	2.38		mg/Kg		95	70 - 121
1,1,1,2-Tetrachloroethane	2.50	2.37		mg/Kg		95	70 - 125
1,1,2,2-Tetrachloroethane	2.50	1.96		mg/Kg		79	62 - 140
Tetrachloroethene	2.50	2.56		mg/Kg		103	70 - 128
Toluene	2.50	2.42		mg/Kg		97	70 - 125
trans-1,2-Dichloroethene	2.50	2.45		mg/Kg		98	70 - 125
trans-1,3-Dichloropropene	2.50	2.47		mg/Kg		99	62 - 128
1,2,3-Trichlorobenzene	2.50	2.15		mg/Kg		86	51 - 145
1,2,4-Trichlorobenzene	2.50	2.34		mg/Kg		94	57 - 137
1,1,1-Trichloroethane	2.50	2.89		mg/Kg		116	70 - 125
1,1,2-Trichloroethane	2.50	2.21		mg/Kg		88	71 - 130
Trichloroethene	2.50	2.20		mg/Kg		88	70 - 125
Trichlorofluoromethane	2.50	3.00		mg/Kg		120	55 - 128
1,2,3-Trichloropropane	2.50	2.26		mg/Kg		91	50 - 133
1,2,4-Trimethylbenzene	2.50	2.53		mg/Kg		101	70 - 123
1,3,5-Trimethylbenzene	2.50	2.52		mg/Kg		101	70 - 123
Vinyl chloride	2.50	1.52	*-	mg/Kg		61	64 - 126
Xylenes, Total	5.00	5.18		mg/Kg		104	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 126*
Toluene-d8 (Surr)	*109*		*75 - 120*

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

Lab Sample ID: 500-208677-1 MS
Client Sample ID: 1-S.Wall, 4'
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 631150
Prep Batch: 630120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0076		2.59	2.75		mg/Kg	☼	106	70 - 120
Bromobenzene	<0.018		2.59	2.80		mg/Kg	☼	108	70 - 122
Bromochloromethane	<0.022		2.59	2.87		mg/Kg	☼	111	65 - 122
Bromodichloromethane	<0.019		2.59	2.75		mg/Kg	☼	106	69 - 120
Bromoform	<0.025		2.59	2.45		mg/Kg	☼	95	56 - 132
Bromomethane	<0.041		2.59	2.15		mg/Kg	☼	83	40 - 152
Carbon tetrachloride	<0.020		2.59	2.93		mg/Kg	☼	113	59 - 133
Chlorobenzene	<0.020		2.59	2.67		mg/Kg	☼	103	70 - 120
Chloroethane	<0.026	*- F1	2.59	1.17	F1	mg/Kg	☼	45	48 - 136
Chloroform	<0.019		2.59	2.69		mg/Kg	☼	104	70 - 120
Chloromethane	<0.017	*-	2.59	3.00		mg/Kg	☼	116	56 - 152
2-Chlorotoluene	<0.016		2.59	2.95		mg/Kg	☼	114	70 - 125
4-Chlorotoluene	<0.018		2.59	2.93		mg/Kg	☼	113	68 - 124
cis-1,2-Dichloroethene	<0.021		2.59	2.71		mg/Kg	☼	105	70 - 125
cis-1,3-Dichloropropene	<0.022		2.59	2.69		mg/Kg	☼	104	64 - 127
Dibromochloromethane	<0.025		2.59	2.81		mg/Kg	☼	108	68 - 125
1,2-Dibromo-3-Chloropropane	<0.10	F1	2.59	3.04		mg/Kg	☼	117	56 - 123
1,2-Dibromoethane	<0.020		2.59	2.66		mg/Kg	☼	103	70 - 125
Dibromomethane	<0.014		2.59	2.66		mg/Kg	☼	103	70 - 120
1,2-Dichlorobenzene	<0.017		2.59	2.73		mg/Kg	☼	105	70 - 125
1,3-Dichlorobenzene	<0.021		2.59	2.72		mg/Kg	☼	105	70 - 125
1,4-Dichlorobenzene	<0.019		2.59	2.62		mg/Kg	☼	101	70 - 120
Dichlorodifluoromethane	<0.035		2.59	3.04		mg/Kg	☼	117	40 - 159
1,1-Dichloroethane	<0.021		2.59	2.93		mg/Kg	☼	113	70 - 125
1,2-Dichloroethane	<0.020	F1	2.59	3.12		mg/Kg	☼	121	68 - 127
1,1-Dichloroethene	<0.020		2.59	2.81		mg/Kg	☼	108	67 - 122
1,2-Dichloropropane	<0.022		2.59	2.87		mg/Kg	☼	111	67 - 130
1,3-Dichloropropane	<0.019		2.59	2.78		mg/Kg	☼	107	62 - 136
2,2-Dichloropropane	<0.023		2.59	2.67		mg/Kg	☼	103	58 - 139
1,1-Dichloropropene	<0.015		2.59	2.81		mg/Kg	☼	109	70 - 121
Ethylbenzene	<0.0095		2.59	2.79		mg/Kg	☼	108	70 - 123
Hexachlorobutadiene	<0.023		2.59	2.76		mg/Kg	☼	107	51 - 150
Isopropylbenzene	<0.020	F1	2.59	2.96		mg/Kg	☼	114	70 - 126
Methylene Chloride	<0.084		2.59	2.62		mg/Kg	☼	101	69 - 125
Methyl tert-butyl ether	<0.020	F1	2.59	2.99		mg/Kg	☼	115	55 - 123
Naphthalene	<0.017		2.59	2.86		mg/Kg	☼	110	53 - 144
n-Butylbenzene	<0.020		2.59	2.79		mg/Kg	☼	108	68 - 125
N-Propylbenzene	<0.021		2.59	2.92		mg/Kg	☼	113	69 - 127
p-Isopropyltoluene	<0.019	F1	2.59	2.99		mg/Kg	☼	116	70 - 125
sec-Butylbenzene	<0.021	F1	2.59	2.96		mg/Kg	☼	114	70 - 123
Styrene	<0.020		2.59	2.80		mg/Kg	☼	108	70 - 120
tert-Butylbenzene	<0.021	F1	2.59	3.05		mg/Kg	☼	118	70 - 121
1,1,1,2-Tetrachloroethane	<0.024		2.59	2.84		mg/Kg	☼	110	70 - 125
1,1,2,2-Tetrachloroethane	<0.021		2.59	2.69		mg/Kg	☼	104	62 - 140
Tetrachloroethene	<0.019		2.59	2.63		mg/Kg	☼	102	70 - 128
Toluene	<0.0076		2.59	2.80		mg/Kg	☼	108	70 - 125
trans-1,2-Dichloroethene	<0.018		2.59	2.76		mg/Kg	☼	107	70 - 125

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

Lab Sample ID: 500-208677-1 MS
Matrix: Solid
Analysis Batch: 631150

Client Sample ID: 1-S.Wall, 4'
Prep Type: Total/NA
Prep Batch: 630120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	<0.019		2.59	2.74		mg/Kg	☼	106	62 - 128
1,2,3-Trichlorobenzene	<0.024		2.59	2.75		mg/Kg	☼	106	51 - 145
1,2,4-Trichlorobenzene	<0.018		2.59	2.70		mg/Kg	☼	104	57 - 137
1,1,1-Trichloroethane	<0.020		2.59	3.02		mg/Kg	☼	117	70 - 125
1,1,2-Trichloroethane	<0.018		2.59	2.68		mg/Kg	☼	103	71 - 130
Trichloroethene	<0.0085		2.59	2.78		mg/Kg	☼	108	70 - 125
Trichlorofluoromethane	<0.022		2.59	3.00		mg/Kg	☼	116	55 - 128
1,2,3-Trichloropropane	<0.021		2.59	2.96		mg/Kg	☼	114	50 - 133
1,2,4-Trimethylbenzene	<0.019	F1	2.59	3.03		mg/Kg	☼	117	70 - 123
1,3,5-Trimethylbenzene	<0.020	F1	2.59	3.05		mg/Kg	☼	118	70 - 123
Vinyl chloride	<0.014	*-	2.59	2.95		mg/Kg	☼	114	64 - 126
Xylenes, Total	<0.011		5.18	5.73		mg/Kg	☼	111	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*
Toluene-d8 (Surr)	*96*		*75 - 120*

Lab Sample ID: 500-208677-1 MSD
Matrix: Solid
Analysis Batch: 631150

Client Sample ID: 1-S.Wall, 4'
Prep Type: Total/NA
Prep Batch: 630120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.0076		2.59	2.88		mg/Kg	☼	111	70 - 120	5	30
Bromobenzene	<0.018		2.59	3.00		mg/Kg	☼	116	70 - 122	7	30
Bromochloromethane	<0.022		2.59	3.03		mg/Kg	☼	117	65 - 122	6	30
Bromodichloromethane	<0.019		2.59	2.87		mg/Kg	☼	111	69 - 120	4	30
Bromoform	<0.025		2.59	2.65		mg/Kg	☼	102	56 - 132	8	30
Bromomethane	<0.041		2.59	2.29		mg/Kg	☼	88	40 - 152	6	30
Carbon tetrachloride	<0.020		2.59	3.18		mg/Kg	☼	123	59 - 133	8	30
Chlorobenzene	<0.020		2.59	2.77		mg/Kg	☼	107	70 - 120	4	30
Chloroethane	<0.026	*- F1	2.59	1.34		mg/Kg	☼	52	48 - 136	14	30
Chloroform	<0.019		2.59	2.87		mg/Kg	☼	111	70 - 120	6	30
Chloromethane	<0.017	*-	2.59	3.18		mg/Kg	☼	123	56 - 152	6	30
2-Chlorotoluene	<0.016		2.59	3.24		mg/Kg	☼	125	70 - 125	10	30
4-Chlorotoluene	<0.018		2.59	3.15		mg/Kg	☼	122	68 - 124	7	30
cis-1,2-Dichloroethene	<0.021		2.59	2.90		mg/Kg	☼	112	70 - 125	7	30
cis-1,3-Dichloropropene	<0.022		2.59	2.90		mg/Kg	☼	112	64 - 127	7	30
Dibromochloromethane	<0.025		2.59	2.98		mg/Kg	☼	115	68 - 125	6	30
1,2-Dibromo-3-Chloropropane	<0.10	F1	2.59	3.55	F1	mg/Kg	☼	137	56 - 123	16	30
1,2-Dibromoethane	<0.020		2.59	2.84		mg/Kg	☼	110	70 - 125	7	30
Dibromomethane	<0.014		2.59	2.83		mg/Kg	☼	109	70 - 120	6	30
1,2-Dichlorobenzene	<0.017		2.59	2.99		mg/Kg	☼	115	70 - 125	9	30
1,3-Dichlorobenzene	<0.021		2.59	2.91		mg/Kg	☼	112	70 - 125	7	30
1,4-Dichlorobenzene	<0.019		2.59	2.76		mg/Kg	☼	107	70 - 120	5	30
Dichlorodifluoromethane	<0.035		2.59	3.28		mg/Kg	☼	127	40 - 159	8	30

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

Lab Sample ID: 500-208677-1 MSD
Client Sample ID: 1-S.Wall, 4'
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 631150
Prep Batch: 630120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.021		2.59	3.12		mg/Kg	☼	121	70 - 125	6	30
1,2-Dichloroethane	<0.020	F1	2.59	3.33	F1	mg/Kg	☼	129	68 - 127	6	30
1,1-Dichloroethene	<0.020		2.59	3.01		mg/Kg	☼	116	67 - 122	7	30
1,2-Dichloropropane	<0.022		2.59	3.02		mg/Kg	☼	117	67 - 130	5	30
1,3-Dichloropropane	<0.019		2.59	2.90		mg/Kg	☼	112	62 - 136	4	30
2,2-Dichloropropane	<0.023		2.59	2.93		mg/Kg	☼	113	58 - 139	9	30
1,1-Dichloropropene	<0.015		2.59	2.99		mg/Kg	☼	115	70 - 121	6	30
Ethylbenzene	<0.0095		2.59	2.93		mg/Kg	☼	113	70 - 123	5	30
Hexachlorobutadiene	<0.023		2.59	3.21		mg/Kg	☼	124	51 - 150	15	30
Isopropylbenzene	<0.020	F1	2.59	3.29	F1	mg/Kg	☼	127	70 - 126	11	30
Methylene Chloride	<0.084		2.59	2.84		mg/Kg	☼	110	69 - 125	8	30
Methyl tert-butyl ether	<0.020	F1	2.59	3.36	F1	mg/Kg	☼	130	55 - 123	12	30
Naphthalene	<0.017		2.59	3.42		mg/Kg	☼	132	53 - 144	18	30
n-Butylbenzene	<0.020		2.59	3.02		mg/Kg	☼	117	68 - 125	8	30
N-Propylbenzene	<0.021		2.59	3.20		mg/Kg	☼	124	69 - 127	9	30
p-Isopropyltoluene	<0.019	F1	2.59	3.34	F1	mg/Kg	☼	129	70 - 125	11	30
sec-Butylbenzene	<0.021	F1	2.59	3.30	F1	mg/Kg	☼	127	70 - 123	11	30
Styrene	<0.020		2.59	2.88		mg/Kg	☼	111	70 - 120	3	30
tert-Butylbenzene	<0.021	F1	2.59	3.40	F1	mg/Kg	☼	131	70 - 121	11	30
1,1,1,2-Tetrachloroethane	<0.024		2.59	3.12		mg/Kg	☼	120	70 - 125	9	30
1,1,2,2-Tetrachloroethane	<0.021		2.59	3.10		mg/Kg	☼	120	62 - 140	14	30
Tetrachloroethene	<0.019		2.59	2.79		mg/Kg	☼	108	70 - 128	6	30
Toluene	<0.0076		2.59	2.90		mg/Kg	☼	112	70 - 125	4	30
trans-1,2-Dichloroethene	<0.018		2.59	2.98		mg/Kg	☼	115	70 - 125	8	30
trans-1,3-Dichloropropene	<0.019		2.59	2.89		mg/Kg	☼	112	62 - 128	5	30
1,2,3-Trichlorobenzene	<0.024		2.59	3.21		mg/Kg	☼	124	51 - 145	15	30
1,2,4-Trichlorobenzene	<0.018		2.59	3.02		mg/Kg	☼	117	57 - 137	11	30
1,1,1-Trichloroethane	<0.020		2.59	3.23		mg/Kg	☼	125	70 - 125	7	30
1,1,2-Trichloroethane	<0.018		2.59	2.82		mg/Kg	☼	109	71 - 130	5	30
Trichloroethene	<0.0085		2.59	2.91		mg/Kg	☼	112	70 - 125	4	30
Trichlorofluoromethane	<0.022		2.59	3.18		mg/Kg	☼	123	55 - 128	6	30
1,2,3-Trichloropropane	<0.021		2.59	3.30		mg/Kg	☼	127	50 - 133	11	30
1,2,4-Trimethylbenzene	<0.019	F1	2.59	3.35	F1	mg/Kg	☼	129	70 - 123	10	30
1,3,5-Trimethylbenzene	<0.020	F1	2.59	3.37	F1	mg/Kg	☼	130	70 - 123	10	30
Vinyl chloride	<0.014	*-	2.59	3.16		mg/Kg	☼	122	64 - 126	7	30
Xylenes, Total	<0.011		5.18	6.02		mg/Kg	☼	116	70 - 125	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*
Toluene-d8 (Surr)	*99*		*75 - 120*

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

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

Lab Sample ID: MB 500-630452/6
Matrix: Solid
Analysis Batch: 630452

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00015		0.00025	0.00015	mg/Kg			11/23/21 10:31	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			11/23/21 10:31	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			11/23/21 10:31	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			11/23/21 10:31	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			11/23/21 10:31	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			11/23/21 10:31	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			11/23/21 10:31	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			11/23/21 10:31	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			11/23/21 10:31	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			11/23/21 10:31	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			11/23/21 10:31	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			11/23/21 10:31	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			11/23/21 10:31	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			11/23/21 10:31	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			11/23/21 10:31	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			11/23/21 10:31	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			11/23/21 10:31	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			11/23/21 10:31	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			11/23/21 10:31	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			11/23/21 10:31	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			11/23/21 10:31	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			11/23/21 10:31	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			11/23/21 10:31	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			11/23/21 10:31	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			11/23/21 10:31	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			11/23/21 10:31	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			11/23/21 10:31	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			11/23/21 10:31	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			11/23/21 10:31	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			11/23/21 10:31	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			11/23/21 10:31	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
Naphthalene	0.000449	J	0.0010	0.00033	mg/Kg			11/23/21 10:31	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			11/23/21 10:31	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			11/23/21 10:31	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			11/23/21 10:31	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			11/23/21 10:31	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			11/23/21 10:31	1
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			11/23/21 10:31	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			11/23/21 10:31	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			11/23/21 10:31	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			11/23/21 10:31	1

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

Lab Sample ID: MB 500-630452/6
Matrix: Solid
Analysis Batch: 630452

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	<0.00035		0.0010	0.00035	mg/Kg			11/23/21 10:31	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			11/23/21 10:31	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			11/23/21 10:31	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			11/23/21 10:31	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			11/23/21 10:31	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			11/23/21 10:31	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			11/23/21 10:31	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			11/23/21 10:31	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			11/23/21 10:31	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			11/23/21 10:31	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			11/23/21 10:31	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			11/23/21 10:31	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			11/23/21 10:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/23/21 10:31*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*11/23/21 10:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*11/23/21 10:31*	*1*
Toluene-d8 (Surr)	*116*		*75 - 120*		*11/23/21 10:31*	*1*

Lab Sample ID: LCS 500-630452/4
Matrix: Solid
Analysis Batch: 630452

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0477		mg/Kg		95	70 - 120
Bromobenzene	0.0500	0.0514		mg/Kg		103	70 - 122
Bromochloromethane	0.0500	0.0422		mg/Kg		84	65 - 122
Bromodichloromethane	0.0500	0.0541		mg/Kg		108	69 - 120
Bromoform	0.0500	0.0513		mg/Kg		103	56 - 132
Bromomethane	0.0500	0.0634		mg/Kg		127	40 - 152
Carbon tetrachloride	0.0500	0.0584		mg/Kg		117	59 - 133
Chlorobenzene	0.0500	0.0536		mg/Kg		107	70 - 120
Chloroethane	0.0500	0.0443		mg/Kg		89	48 - 136
Chloroform	0.0500	0.0558		mg/Kg		112	70 - 120
Chloromethane	0.0500	0.0362		mg/Kg		72	56 - 152
2-Chlorotoluene	0.0500	0.0594		mg/Kg		119	70 - 125
4-Chlorotoluene	0.0500	0.0595		mg/Kg		119	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0460		mg/Kg		92	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0542		mg/Kg		108	64 - 127
Dibromochloromethane	0.0500	0.0495		mg/Kg		99	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0531		mg/Kg		106	56 - 123
1,2-Dibromoethane	0.0500	0.0518		mg/Kg		104	70 - 125
Dibromomethane	0.0500	0.0465		mg/Kg		93	70 - 120
1,2-Dichlorobenzene	0.0500	0.0514		mg/Kg		103	70 - 125
1,3-Dichlorobenzene	0.0500	0.0531		mg/Kg		106	70 - 125
1,4-Dichlorobenzene	0.0500	0.0542		mg/Kg		108	70 - 120

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

Lab Sample ID: LCS 500-630452/4
Matrix: Solid
Analysis Batch: 630452

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.0829	*+	mg/Kg		166	40 - 159
1,1-Dichloroethane	0.0500	0.0490		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0546		mg/Kg		109	68 - 127
1,1-Dichloroethene	0.0500	0.0410		mg/Kg		82	67 - 122
1,2-Dichloropropane	0.0500	0.0446		mg/Kg		89	67 - 130
1,3-Dichloropropane	0.0500	0.0532		mg/Kg		106	62 - 136
2,2-Dichloropropane	0.0500	0.0592		mg/Kg		118	58 - 139
1,1-Dichloropropene	0.0500	0.0546		mg/Kg		109	70 - 121
Ethylbenzene	0.0500	0.0573		mg/Kg		115	70 - 123
Hexachlorobutadiene	0.0500	0.0665		mg/Kg		133	51 - 150
Isopropylbenzene	0.0500	0.0606		mg/Kg		121	70 - 126
Methylene Chloride	0.0500	0.0432		mg/Kg		86	69 - 125
Methyl tert-butyl ether	0.0500	0.0484		mg/Kg		97	55 - 123
Naphthalene	0.0500	0.0390		mg/Kg		78	53 - 144
n-Butylbenzene	0.0500	0.0626		mg/Kg		125	68 - 125
N-Propylbenzene	0.0500	0.0605		mg/Kg		121	69 - 127
p-Isopropyltoluene	0.0500	0.0576		mg/Kg		115	70 - 125
sec-Butylbenzene	0.0500	0.0602		mg/Kg		120	70 - 123
Styrene	0.0500	0.0558		mg/Kg		112	70 - 120
tert-Butylbenzene	0.0500	0.0581		mg/Kg		116	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0535		mg/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0472		mg/Kg		94	62 - 140
Tetrachloroethene	0.0500	0.0597		mg/Kg		119	70 - 128
Toluene	0.0500	0.0552		mg/Kg		110	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0476		mg/Kg		95	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0554		mg/Kg		111	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0475		mg/Kg		95	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0549		mg/Kg		110	57 - 137
1,1,1-Trichloroethane	0.0500	0.0616		mg/Kg		123	70 - 125
1,1,2-Trichloroethane	0.0500	0.0498		mg/Kg		100	71 - 130
Trichloroethene	0.0500	0.0470		mg/Kg		94	70 - 125
Trichlorofluoromethane	0.0500	0.0677	*+	mg/Kg		135	55 - 128
1,2,3-Trichloropropane	0.0500	0.0490		mg/Kg		98	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0591		mg/Kg		118	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0605		mg/Kg		121	70 - 123
Vinyl chloride	0.0500	0.0443		mg/Kg		89	64 - 126
Xylenes, Total	0.100	0.120		mg/Kg		120	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*
Toluene-d8 (Surr)	*112*		*75 - 120*

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

Lab Sample ID: MB 500-631150/7
Matrix: Solid
Analysis Batch: 631150

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00015		0.00025	0.00015	mg/Kg			11/29/21 11:25	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			11/29/21 11:25	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			11/29/21 11:25	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			11/29/21 11:25	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			11/29/21 11:25	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			11/29/21 11:25	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			11/29/21 11:25	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			11/29/21 11:25	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			11/29/21 11:25	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			11/29/21 11:25	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			11/29/21 11:25	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			11/29/21 11:25	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			11/29/21 11:25	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			11/29/21 11:25	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			11/29/21 11:25	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			11/29/21 11:25	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			11/29/21 11:25	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			11/29/21 11:25	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			11/29/21 11:25	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			11/29/21 11:25	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			11/29/21 11:25	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			11/29/21 11:25	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			11/29/21 11:25	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			11/29/21 11:25	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			11/29/21 11:25	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			11/29/21 11:25	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			11/29/21 11:25	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			11/29/21 11:25	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			11/29/21 11:25	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			11/29/21 11:25	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			11/29/21 11:25	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			11/29/21 11:25	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			11/29/21 11:25	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			11/29/21 11:25	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			11/29/21 11:25	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			11/29/21 11:25	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			11/29/21 11:25	1
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			11/29/21 11:25	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			11/29/21 11:25	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			11/29/21 11:25	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			11/29/21 11:25	1

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

Lab Sample ID: MB 500-631150/7
Matrix: Solid
Analysis Batch: 631150

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	<0.00035		0.0010	0.00035	mg/Kg			11/29/21 11:25	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			11/29/21 11:25	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			11/29/21 11:25	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			11/29/21 11:25	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			11/29/21 11:25	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			11/29/21 11:25	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			11/29/21 11:25	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			11/29/21 11:25	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			11/29/21 11:25	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			11/29/21 11:25	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			11/29/21 11:25	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			11/29/21 11:25	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			11/29/21 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/29/21 11:25*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 120*		*11/29/21 11:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*11/29/21 11:25*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*11/29/21 11:25*	*1*

Lab Sample ID: LCS 500-631150/5
Matrix: Solid
Analysis Batch: 631150

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0524		mg/Kg		105	70 - 120
Bromobenzene	0.0500	0.0527		mg/Kg		105	70 - 122
Bromochloromethane	0.0500	0.0545		mg/Kg		109	65 - 122
Bromodichloromethane	0.0500	0.0506		mg/Kg		101	69 - 120
Bromoform	0.0500	0.0477		mg/Kg		95	56 - 132
Bromomethane	0.0500	0.0371		mg/Kg		74	40 - 152
Carbon tetrachloride	0.0500	0.0549		mg/Kg		110	59 - 133
Chlorobenzene	0.0500	0.0529		mg/Kg		106	70 - 120
Chloroethane	0.0500	0.0208	*-	mg/Kg		42	48 - 136
Chloroform	0.0500	0.0497		mg/Kg		99	70 - 120
Chloromethane	0.0500	0.0572		mg/Kg		114	56 - 152
2-Chlorotoluene	0.0500	0.0551		mg/Kg		110	70 - 125
4-Chlorotoluene	0.0500	0.0555		mg/Kg		111	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0519		mg/Kg		104	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0522		mg/Kg		104	64 - 127
Dibromochloromethane	0.0500	0.0537		mg/Kg		107	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0531		mg/Kg		106	56 - 123
1,2-Dibromoethane	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromomethane	0.0500	0.0496		mg/Kg		99	70 - 120
1,2-Dichlorobenzene	0.0500	0.0528		mg/Kg		106	70 - 125
1,3-Dichlorobenzene	0.0500	0.0529		mg/Kg		106	70 - 125
1,4-Dichlorobenzene	0.0500	0.0507		mg/Kg		101	70 - 120

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

Lab Sample ID: LCS 500-631150/5
Matrix: Solid
Analysis Batch: 631150

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.0564		mg/Kg		113	40 - 159
1,1-Dichloroethane	0.0500	0.0552		mg/Kg		110	70 - 125
1,2-Dichloroethane	0.0500	0.0548		mg/Kg		110	68 - 127
1,1-Dichloroethene	0.0500	0.0557		mg/Kg		111	67 - 122
1,2-Dichloropropane	0.0500	0.0552		mg/Kg		110	67 - 130
1,3-Dichloropropane	0.0500	0.0547		mg/Kg		109	62 - 136
2,2-Dichloropropane	0.0500	0.0503		mg/Kg		101	58 - 139
1,1-Dichloropropene	0.0500	0.0547		mg/Kg		109	70 - 121
Ethylbenzene	0.0500	0.0547		mg/Kg		109	70 - 123
Hexachlorobutadiene	0.0500	0.0538		mg/Kg		108	51 - 150
Isopropylbenzene	0.0500	0.0565		mg/Kg		113	70 - 126
Methylene Chloride	0.0500	0.0505		mg/Kg		101	69 - 125
Methyl tert-butyl ether	0.0500	0.0557		mg/Kg		111	55 - 123
Naphthalene	0.0500	0.0505		mg/Kg		101	53 - 144
n-Butylbenzene	0.0500	0.0553		mg/Kg		111	68 - 125
N-Propylbenzene	0.0500	0.0570		mg/Kg		114	69 - 127
p-Isopropyltoluene	0.0500	0.0591		mg/Kg		118	70 - 125
sec-Butylbenzene	0.0500	0.0581		mg/Kg		116	70 - 123
Styrene	0.0500	0.0558		mg/Kg		112	70 - 120
tert-Butylbenzene	0.0500	0.0583		mg/Kg		117	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0554		mg/Kg		111	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0521		mg/Kg		104	62 - 140
Tetrachloroethene	0.0500	0.0531		mg/Kg		106	70 - 128
Toluene	0.0500	0.0550		mg/Kg		110	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0538		mg/Kg		108	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0528		mg/Kg		106	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0512		mg/Kg		102	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0497		mg/Kg		99	57 - 137
1,1,1-Trichloroethane	0.0500	0.0556		mg/Kg		111	70 - 125
1,1,2-Trichloroethane	0.0500	0.0521		mg/Kg		104	71 - 130
Trichloroethene	0.0500	0.0544		mg/Kg		109	70 - 125
Trichlorofluoromethane	0.0500	0.0530		mg/Kg		106	55 - 128
1,2,3-Trichloropropane	0.0500	0.0548		mg/Kg		110	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0575		mg/Kg		115	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0581		mg/Kg		116	70 - 123
Vinyl chloride	0.0500	0.0566		mg/Kg		113	64 - 126
Xylenes, Total	0.100	0.111		mg/Kg		111	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*
Toluene-d8 (Surr)	*99*		*75 - 120*

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 1-S.Wall, 4'
Lab Sample ID: 500-208677-1
Date Collected: 11/17/21 13:20
Matrix: Solid
Date Received: 11/19/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630004	11/20/21 08:41	LWN	TAL CHI

Client Sample ID: 1-S.Wall, 4'
Lab Sample ID: 500-208677-1
Date Collected: 11/17/21 13:20
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			630120	11/17/21 13:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	631150	11/29/21 15:27	STW	TAL CHI

Client Sample ID: 2-E. Wall, 4'
Lab Sample ID: 500-208677-2
Date Collected: 11/17/21 13:25
Matrix: Solid
Date Received: 11/19/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630004	11/20/21 08:41	LWN	TAL CHI

Client Sample ID: 2-E. Wall, 4'
Lab Sample ID: 500-208677-2
Date Collected: 11/17/21 13:25
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			630120	11/17/21 13:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	631150	11/29/21 15:51	STW	TAL CHI

Client Sample ID: 3-N. Bottom, 6'
Lab Sample ID: 500-208677-3
Date Collected: 11/17/21 13:30
Matrix: Solid
Date Received: 11/19/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630004	11/20/21 08:41	LWN	TAL CHI

Client Sample ID: 3-N. Bottom, 6'
Lab Sample ID: 500-208677-3
Date Collected: 11/17/21 13:30
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			630120	11/17/21 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	631150	11/29/21 16:15	STW	TAL CHI

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Client Sample ID: 4-S. Bottom, 6'
Lab Sample ID: 500-208677-4
Date Collected: 11/17/21 13:35
Matrix: Solid
Date Received: 11/19/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630004	11/20/21 08:41	LWN	TAL CHI

Client Sample ID: 4-S. Bottom, 6'
Lab Sample ID: 500-208677-4
Date Collected: 11/17/21 13:35
Matrix: Solid
Date Received: 11/19/21 10:25
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			630120	11/17/21 13:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	631150	11/29/21 16:39	STW	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Job ID: 500-208677-1
Project/Site: Community Within the Corridor - West Block
40484

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

KSingh | Engineers Scientists Consultants

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-208677

Sample Collector(s): Robert Reineke	Title: Sr Engineer	Telephone # (incl area code): (262) 821 1171	Report To: Robert Reineke & Dan Pelczar
Property Owner: Community Within the Corridor West Block	Property Address: 3212 W Center St 2727 N 32nd St and 2758 N 33rd St. Milwaukee WI 53210	Telephone # (incl area code): N/A	KSingh Project #: ~~40443~~ 40494
I hereby certify that I received properly and disposed of the		Laboratory Name: **Eurofins-TestAmerica**	
Relinquished By (Signature):	Date/Time: 11/18/21 3:20pm	Received By (Signature):	Temperature Blank: 5.8-5.7-5.1-5.0
Relinquished By (Signature):	Date/Time: 11-18-21 1700	Received By (Signature): 11/19/21 0825	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

500-208677 COC

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	Sample Condition: # / Type of Container: 40mL MeOH	Unpres. 2oz	Unpres 8oz	—	Other Comment
7/17/2021	1'20pm	S	Hand	1 - S Wall, 4'	✓	1	1			
"	1'25pm	S	Hand	2 - E Wall, 4'	✓	1	1			
"	1'30pm	S	Hand	3 N Bottom, 6'	✓	1	1			
"	1'35pm	S	Hand	4 - S Bottom, 6'	✓	1	1			

GW 2

NOTE(S)

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES

Disposition of unused portion of sample
Laboratory should (check)
[ ] Dispose [ ] Return [x] Retain for 30 (days) [ ] Other

DEPARTMENT USE ONLY

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

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-208677-1

Login Number: 208677
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, 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	5.7,5.0
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	