

MEMORANDUM

DATE : June 15, 2021

TO : Ms. Jane K. Pfeiffer / Wisconsin Department of Natural Resources

FROM : Mr. Daniel K. Pelczar, CPG, P.G. / K.Singh & Associates, Inc.

SUBJECT : Soil Quality Summary
Community Within the Corridor Limited Partnership - West Block
3212 W. Center St., 2727 N. 32nd St., and 2758 N. 33rd St., Milwaukee, WI 53210
BRRTS #: 02-41-587376, FID #: 341333190

COPY TO : Mr. Shane LaFave and Mr. Que El-Amin

This memorandum is to report the soil quality test results to date for the referenced project. Soil analytical results are presented on Table 1 and Table 2, and the sampling locations are shown on Figure 1. This block does have partial basement areas, but most of the buildings are a slab-on-grade type structure.

Site History

The current parking lot on the east side of West Block was purchased by Briggs and Stratton in 1948 which developed the parking lot with retaining walls. Sanborn maps and aerials indicate that no development has ever taken place on the parking lot parcel.

Building 4, located on the south end of the West Block, at 3212 Center Street, was purchased by Briggs and Stratton from the Harley Davidson motor company in 1950 for use as a service and distribution warehouse for stocking, packaging, and shipping replacement parts. It was originally built in 1920 for the Columbia Knitting and Manufacturing Company and was sold to Holeproof Hosiery Company in 1926. Harley Davidson purchased the property in 1942 and sold it in 1950. The primary use of the building was for textiles and warehousing and no sources of contamination were identified.

Building 5 was built by Briggs and Stratton in 1946 for trucking and distribution. No known source of contamination is associated with Building 5. Buildings 4 and 5 were connected to the rest of the complex in 1972.

In summary, given its historic use, no known sources of contamination are associated with Buildings 4 and 5. This is consistent with the results which have identified little contamination in buildings 4 and 5. Small spills are the likely sources of the contamination detected in building 4.

Buildings 6, 7, 8A, & 8B were purchased in September 1972 from Milsco Manufacturing Company. Briggs and Stratton principally used the space for warehousing and office space.

Buildings 8A and 8B were originally built in 1925 by the Albert H. Weinbrenner Shoe Company. A two-story addition was constructed in 1930. In 1942, the building was sold to Milwaukee Saddlery Company who principally were manufacturing seats and accessories for Harley Davidson Motorcycle Company. Milwaukee Saddlery reincorporated as Milsco Manufacturing Company in 1948 and expanded the building to the south, including Building 7. An addition, building 6, was constructed in 1956 for distribution. An office addition was constructed to the west of building 8A in 1959.

Building 6 and the western office addition contained no known sources of contamination.

Paint spray booths are shown in building 8A, and paint storage is shown in Building 7. The paint spray booths and the paint storage areas correspond to the detections of chlorinated solvents in buildings 7 and 8A. Paint thinners used on the premises are the likely sources of contamination in the West Block primarily in Buildings 7 and 8A.

Soil Sampling Inside the Building

Soil samples were collected on the interior of the buildings for a total of 28 samples. Soil samples were collected from WB-SS-2, WB-SS-6, WB-SS-8, WB-SS-12, WB-SS-14, WB-Int-1 through WB-Int-17, and RTS-1 through RTS-6.

Soil samples were analyzed for VOCs, and a combination of PAHs, PCBs, and Metals. The main contaminants of concern include Chlorinated VOCs (CVOCs) and PCBs with minor petroleum detects.

There was only one interior basement sample that had CVOCs concentrations above the protection to groundwater and/or the non-industrial direct contact exposure pathway RCLs which included WB-SS-2 (0' to 1') which is located on the northern portion of the property (Building 8A). The central and southern basement areas did not have CVOCs, or PCBs detected.

Of the slab-on-grade portions of the building WB-Int-6, WB-Int-7 (Building 7), RTS-1, RST-2 (Building 4) and RTS-3 (Building 7), and WB-Int-11 (Building 4) all 0.5 feet to 1.5 feet deep (exceptions RTS-1, RTS-2 and RTS-3, at 0' to 2', 0.5 to 2.5', and 1' to 2', respectively), had concentrations of CVOC above the protection to groundwater RCLs only.

Similarly, soil samples WB-SS-6 (Building 7) and WB-SS-14 (Building 4) both 0 feet to 1 foot deep; WB-Int-1 through WB-Int-4 (Buildings 8A and 8B), WB-Int-13, WB-Int-14, WB-Int-16, and WB-Int-17 (Building 4) all 0.5 feet to 1.5 feet deep; and RTS-6 at 1 foot to 2 feet; (Building 8A) had concentrations of PCBs above the protection to groundwater RCLs only. The only exceptions to this were WB-SS-14 (2.7 mg/kg) and RTS-6 (1.6 mg/kg) which had PCB concentrations above the industrial direct contact exposure pathway RCL (Building 4 and Building 8A, respectively). Soil samples, RTS-1 (0' to 2'), and RTS-2 (0.5' to 1.5') had concentrations of PCBs above the protection to groundwater RCLs only (Building 4).

Of the slab-on-grade portions of the building WB-SS-14 (0' to 1') and RST-2 (1' to 2') had concentrations of benzene above the protection to groundwater RCLs only.

Soil Sampling Outside the Building

Soil samples were collected on the exterior of the buildings for a total of 17 samples. Soil samples were collected from B-1 through B-6, B-13 through B-15, and MW-1 through MW-4. Soil samples were analyzed for VOCs, and a combination of PAHs, PCBs, Metals and PFAS.

Exterior soil samples B-1 through B-6 and WB-MW-1 through WB-MW-4 did not have CVOCs detected; however, WB-MW-3 (1' to 3') had a concentration of PCBs above the protection to groundwater RCL only. Exterior soil samples B-13 through B-15 were not exceeding RCLs for PFAS.

Summary

- CVOCs are present within the building at three areas 1.) beneath the northern basement (Building 8A), 2.) beneath the slab-on-grade central portion of the site (Building 7) and 3.) beneath the slab-on-grade central portion of the site (Building 4) (See Figure 1).
- PCBs are present within the building at two areas; beneath the slab-on-grade floor of buildings 8A and 8B and generally the eastern half of Building 4, except for WB-MW-3 which is in the east central portion of the site within a parking area (See Figure 1).
- Overall, the lateral extents of CVOCs and PCBs (except for WB-MW-3) in soils has been defined to within the building footprint which is limited from a CVOC standpoint. The main area of CVOCs is within the central (Building 7) portion of the building. This matches the Vapor Risk Screening Levels (VRSLs) data which are shown on Figure 2.
- The vertical extent of contamination in soil for TCE is limited based on the soil test results completed outside the building.

Action Items

Action items include the following:

- WB-MW-5 needs to be installed within the northern sidewalk of W. Center St. which is pending a City of Milwaukee permit.
- The groundwater monitoring wells will be developed and sampled.
- Further one soil probe will be advanced within the three CVOC areas (Buildings 4, 7 and 8A) to approximately 10 feet deep located within the building to define the vertical extent of CVOC impacts. In addition, two exterior soil probes will be performed adjacent to building 7 (See Figure 1) to approximately 10 feet deep to define the vertical extent of CVOC impacts.

Closing

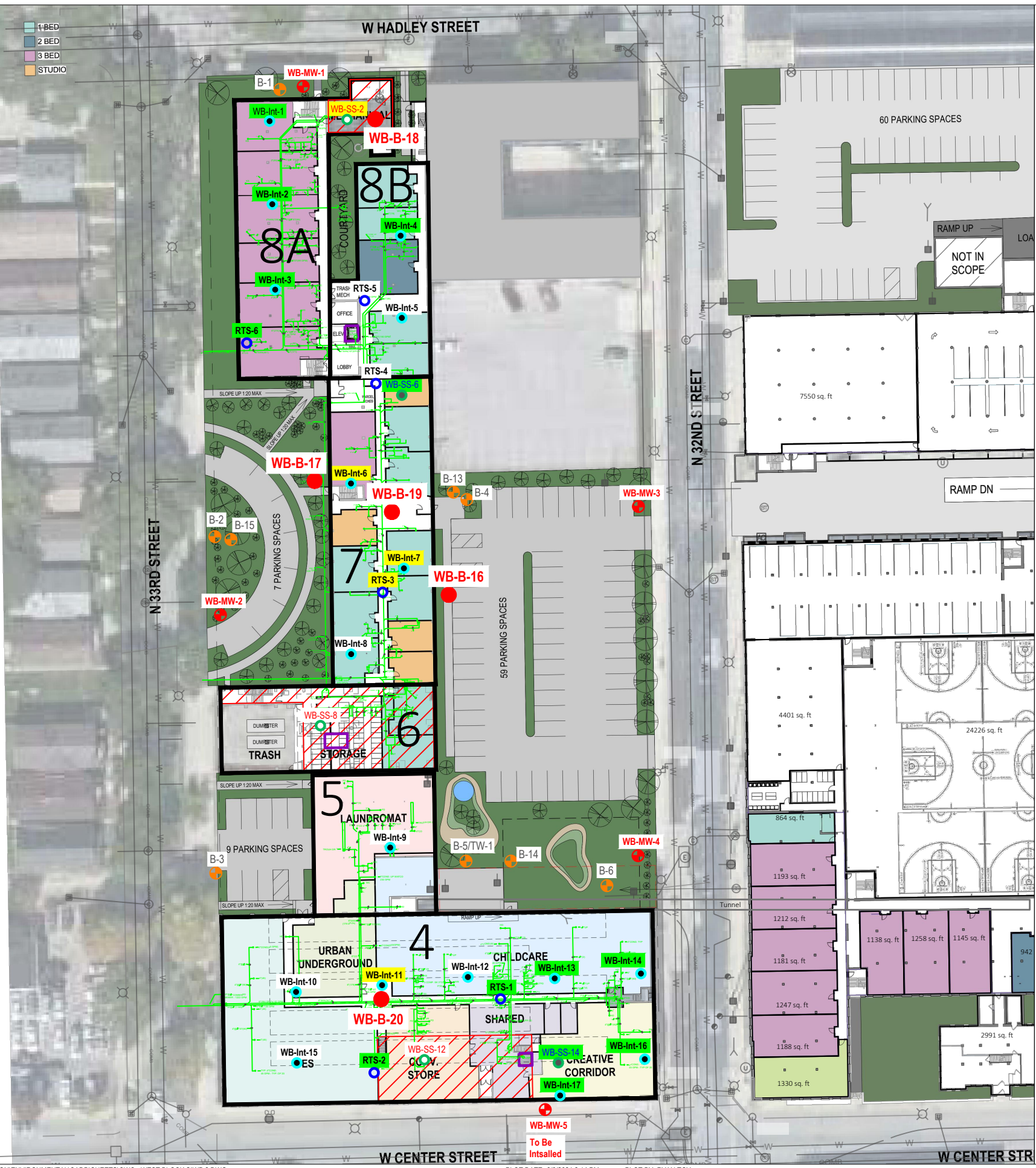
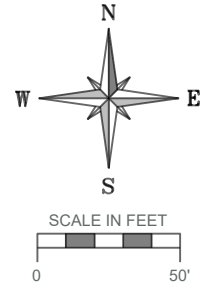
KSingh is currently preparing the Site Investigation Report. If you have any questions, please let us know. Daniel can be reached at 262-821-1171, Ext. 112.

Figures (2)

Tables (2)

WDNR Form 4400-249 Site, Investigation Sample Results Notification Form

Soil Analytical Reports (8)



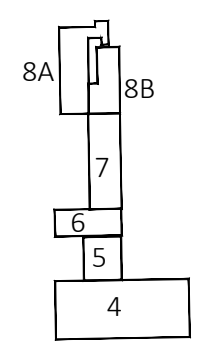
LEGEND

- Known Elevator Shaft
- 1 - Bedroom Apartment
- 2 - Bedroom Apartment
- 3 - Bedroom Apartment
- 4 - Bedroom Apartment
- Studio Apartment
- Underground Plumbing
- Underground Tunnel
- Basement Area(s)

SOIL SAMPLING LOCATIONS

- VOCs, PCBs (2)
- VOCs (3)
- VOCs, PCBs (17)
- RTS (2)
- Monitoring Well Locations (5)
- Previous Boring Locations (9)
- WB-SS-2 CVOCs Detected Above RCLs
- WB-Int-1 PCBs Detected Above RCLs
- Proposed Soil Probe Locations

KEY PLAN



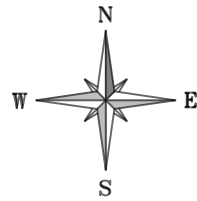
CONSULTANT
CONSULTANT

PROJECT TITLE: COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443
CLIENT: COMMUNITY WITHIN THE CORRIDOR LIMITED PARTNERSHIP

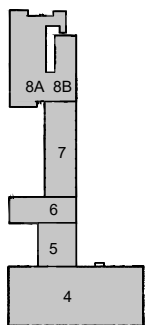
REVISIONS	DATE	DESCRIPTION

DRAWN BY: AMZ DATE: 03/30/2021
CHECKED BY: DKP DATE: 03/30/2021
SHEET TITLE: SOIL SAMPLING LOCATIONS

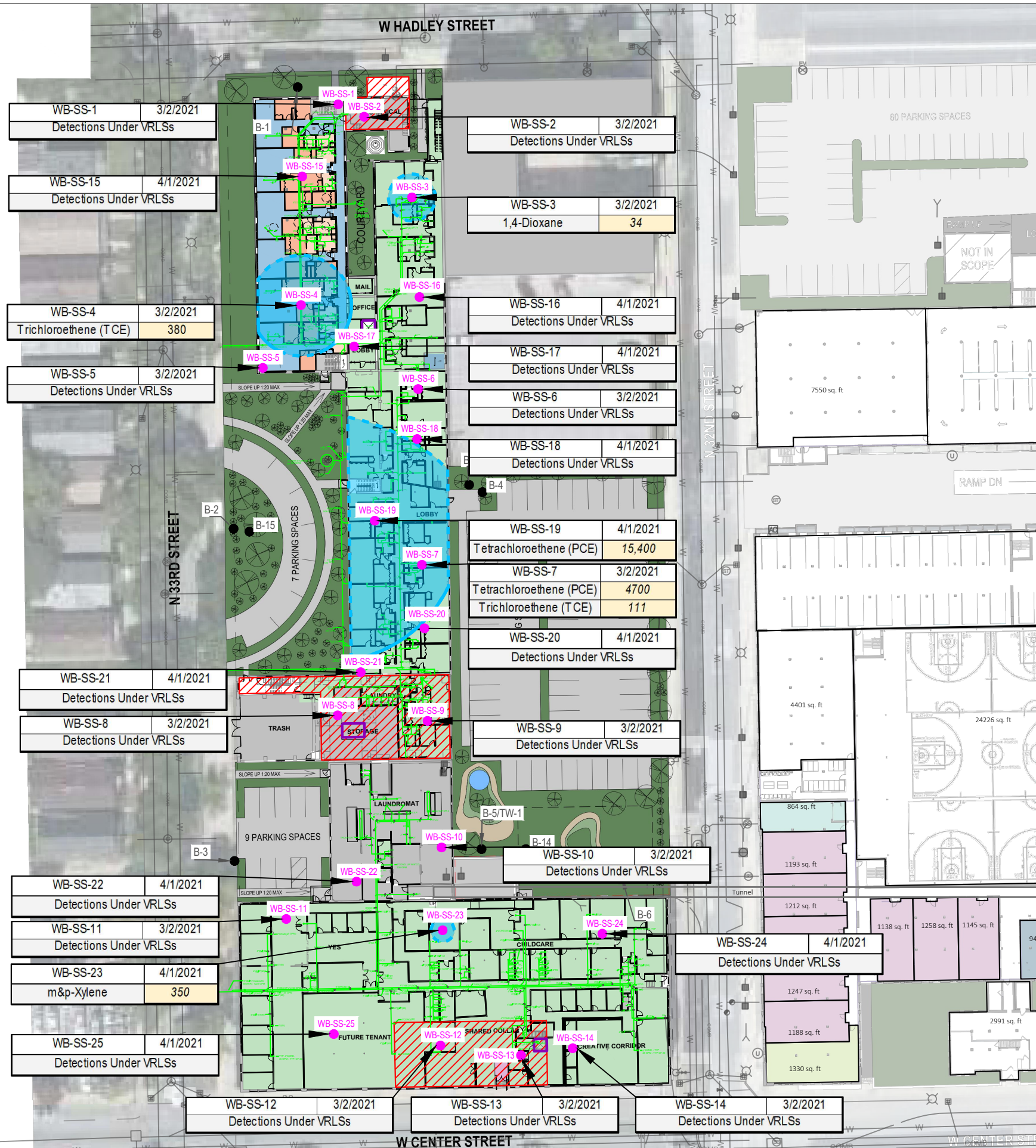
FIGURE 1



SCALE IN FEET
0 50'



KEY PLAN



FLOOR FINISH LEGEND

	CPT-1	BROADLOOM CARPET (UNIT BEDROOMS)
	CT-1	CERAMIC TILE (UNIT BATHROOMS W/ ROLL-IN SHOWERS ONLY)
	EXTG-WD	EXISTING WOOD FLOORING TO REMAIN IN PLACE & BE REFINISHED
	LVT-1	LUXURY VINYL TILE (UNIT BATHROOMS)
	MZ-1	EXISTING HISTORIC MOSAIC TILE - TO REMAIN IN PLACE & CLEAN
	PC-1	POLISHED CONCRETE
	SC-1	SEALED CONCRETE
	WD-SV	SALVAGED WOOD - REMOVED, REINSTALLED AND REFINISHED (SALVAGED WOOD WILL BE REINSTALLED IN CORRIDORS FIRST THEN CONTINUE INTO UNITS - IF THERE IS NOT ENOUGH QUANTITY - INSTALL NEW WOOD FLOORING TO MATCH HISTORIC SIZE)

LEGEND

- Previous Boring and Temporary Well Locations
- Known Elevator Shaft
- Planned Underground Plumbing
- Underground Tunnel
- Basement Area(s)
- Sub-Slab Sampling Locations (25)
- Approximate WI Residential VRSL Exceedance Extents
- VRSL Exceedance Plumes for VOCs

Attenuation Factor	Sub-Slab Vapor	
	0.03	0.01
Analyte	<i>Residential Vapor Risk Screening Level (VRSL)</i>	Large Commercial / Industrial VRSL
1,4-Dioxane	18	250
m&p-Xylene	333	4,400
Tetrachloroethene (PCE)	1,400	18,000
Trichloroethene (TCE)	70	880

- NOTES:
- ALL RESULTS IN MICROGRAMS PER CUBIC METER (ug/m³)
 - VRSL = VAPOR RISK SCREENING LEVELS
 - ONLY RESULTS EXCEEDING VRSLs ARE SHOWN
 - ITALICS INDICATES DETECTION IS ABOVE RESIDENTIAL VRSLs
 - BOLD** INDICATES DETECTION IS ABOVE LARGE COMMERCIAL / INDUSTRIAL VRSLs
 - VRSLs BASED ON WI VAPOR QUICK LOOKUP - TABLE VAPOR RISK SCREENING LEVELS
 - SAMPLING LOCATIONS ARE APPROXIMATE
 - PLANS UNDERWAY TO REVISE WD-SV TO SC-1 UNDERLAIN BY 10-MIL SUB-MEMBRANE.

KSingh Engineers
Scientists
Consultants

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

CONSULTANT

CONSULTANT

PROJECT TITLE: COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

CLIENT:
COMMUNITY WITHIN THE CORRIDOR LIMITED
PARTNERSHIP

REVISIONS	DATE	DESCRIPTION

DRAWN BY: AMZ DATE: 05/26/2021
CHECKED BY: KVH DATE: 05/26/2021
SHEET TITLE: VRSL EXCEEDANCE PLUMES FOR VOCs

FIGURE 2

TABLE 1
SOIL ANALYTICAL RESULTS
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	B-1	B-2	B-3	B-4	B-5	B-6	WB-SS-2	WB-SS-6	WB-SS-8	WB-SS-12
							5.5-7.5	4-6	4-6	4-6	3-5	3-5	0-1	0-1	0-1	0-1
							ML-CL	ML-CL	ML-CL	ML-CL	CL	SP-CL	ML-CL	ML-CL	ML-CL	ML-CL
							Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Moist	Unsaturated	Unsaturated	Unsaturated
							Exterior	Exterior	Exterior	Exterior	Exterior	Exterior	Interior	Interior	Interior	Interior
4/10/2020	4/10/2020	4/10/2020	4/10/2020	4/10/2020	4/10/2020	3/1/2021	3/1/2021	3/1/2021	3/1/2021							
Toluene	mg/Kg	8260B	1.1072	818	818	---	<0.013	<0.012	<0.012	<0.014	<0.015	<0.019	<0.0096	<0.0095	<0.0090	<0.0094
trans-1,2-Dichloroethene	mg/Kg	8260B	0.0626	1560	1650	---	<0.030	<0.028	<0.029	<0.032	<0.035	<0.045	<0.023	<0.023	<0.022	<0.022
trans-1,3-Dichloropropene	mg/Kg	8260B	---	1,510	1,510	---	<0.032	<0.029	<0.030	<0.033	<0.036	<0.046	<0.024	<0.023	<0.022	<0.023
Trichloroethene	mg/Kg	8260B	0.0036	1.3	8.41	---	<0.014	<0.013	<0.014	<0.015	<0.016	<0.021	0.013 J	<0.011	<0.010	<0.010
Trichlorofluoromethane	mg/Kg	8260B	---	1,230	1,230	---	<0.037	<0.034	<0.036	<0.039	<0.043	<0.055	<0.028	<0.028	<0.026	<0.027
Vinyl chloride	mg/Kg	8260B	0.0001	0.067	2.08	---	<0.023	<0.021	<0.022	<0.024	<0.026	<0.033	<0.017	<0.017	<0.016	<0.017
Xylenes, Total	mg/Kg	8260B	3.96	1,212	1212	---	<0.019	<0.017	<0.018	<0.020	<0.022	<0.028	<0.014	<0.014	<0.014	<0.014
Polycyclic Aromatic Hydrocarbons (PAHs)																
1-Methylnaphthalene	mg/Kg	8270D	---	17.6	72.7	---	<0.0091	<0.0092	<0.0092	<0.0091	<0.0093	<0.0090	---	---	---	---
2-Methylnaphthalene	mg/Kg	8270D	---	239	3010	---	<0.0069	<0.0069	<0.0069	<0.0069	<0.0070	<0.0068	---	---	---	---
Acenaphthene	mg/Kg	8270D	---	3590	45,200	---	<0.0067	<0.0068	<0.0068	<0.0067	<0.0068	<0.0066	---	---	---	---
Acenaphthylene	mg/Kg	8270D	---	---	---	---	<0.0049	<0.0050	<0.0050	<0.0049	<0.0050	<0.0048	---	---	---	---
Anthracene	mg/Kg	8270D	196.9492	17,900	100,000	---	<0.0063	<0.0063	<0.0063	<0.0063	<0.0064	<0.0061	---	---	---	---
Benzo[a]anthracene	mg/Kg	8270D	---	1.14	21	---	<0.0050	<0.0051	<0.0051	<0.0050	<0.0051	<0.0049	---	---	---	---
Benzo[a]pyrene	mg/Kg	8270D	0.47	0.115	2.11	---	<0.0072	<0.0073	<0.0073	<0.0072	<0.0074	<0.0071	---	---	---	---
Benzo[b]fluoranthene	mg/Kg	8270D	0.4781	1.15	21.1	---	<0.0081	<0.0081	<0.0081	0.0090 J	<0.0082	<0.0079	---	---	---	---
Benzo[g,h,i]perylene	mg/Kg	8270D	---	---	---	---	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	---	---	---	---
Benzo[k]fluoranthene	mg/Kg	8270D	---	11.5	211	---	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	---	---	---	---
Chrysene	mg/Kg	8270D	0.1442	115	2110	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---
Dibenz[a,h]anthracene	mg/Kg	8270D	---	0.115	2	---	<0.0072	<0.0073	<0.0073	<0.0072	<0.0074	<0.0071	---	---	---	---
Fluoranthene	mg/Kg	8270D	88.8778	2390	30,100	---	<0.0069	<0.0070	<0.0070	<0.0069	<0.0071	<0.0068	---	---	---	---
Fluorene	mg/Kg	8270D	14.8299	2390	30,100	---	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0052	---	---	---	---
Indeno[1,2,3-cd]pyrene	mg/Kg	8270D	---	1.15	21.1	---	<0.0097	<0.0097	<0.0097	<0.0097	<0.0099	<0.0095	---	---	---	---
Naphthalene	mg/Kg	8270D	0.6582	5.52	24.1	---	<0.0058	<0.0058	<0.0058	0.0061 J	<0.0059	<0.0057	---	---	---	---
Phenanthrene	mg/Kg	8270D	---	---	---	---	<0.0052	<0.0052	<0.0052	0.0089 J	<0.0053	<0.0051	---	---	---	---
Pyrene	mg/Kg	8270D	54.5455	1790	22,600	---	<0.0074	<0.0075	<0.0075	0.0092 J	<0.0076	<0.0073	---	---	---	---
Polychlorinated Biphenyls (PCBs)																
PCB-1016	mg/Kg	8082A	0.0094***	4.11	28	---	---	---	---	---	<0.0067	---	---	<0.019	---	---
PCB-1221	mg/Kg	8082A	0.0094***	0.213	0.883	---	---	---	---	---	<0.0084	---	---	<0.023	---	---
PCB-1232	mg/Kg	8082A	0.0094***	0.190	0.792	---	---	---	---	---	<0.0083	---	---	<0.023	---	---
PCB-1242	mg/Kg	8082A	0.0094***	0.235	0.972	---	---	---	---	---	<0.0062	---	---	<0.017	---	---
PCB-1248	mg/Kg	8082A	0.0094***	0.236	0.975	---	---	---	---	---	<0.0075	---	---	<0.021	---	---
PCB-1254	mg/Kg	8082A	0.0094***	0.239	0.988	---	---	---	---	---	<0.0041	---	---	0.014 J	---	---
PCB-1260	mg/Kg	8082A	0.0094***	0.243	1.000	---	---	---	---	---	<0.0093	---	---	<0.026	---	---
RCRA Metals																
Arsenic	mg/Kg	6010B	0.584	0.677	3	8.3	5	7.7	4.6	3.5	5.2	4.4	---	---	---	---
Barium	mg/Kg	6010B	184.8	15,300	100,000	364	42 V	50	29	32	39	36	---	---	---	---
Cadmium	mg/Kg	6010B	0.752	71.1	985	1	0.19 B	0.40 B	0.28 B	0.23 B	0.25 B	0.26 B	---	---	---	---
Chromium	mg/Kg	6010B	360,000*	---	---	44	15	18	13	12	15	15	---	---	---	---
Lead	mg/Kg	6010B	27	400	800	51.6	9.3	22	12	8.2	9.7	9	---	---	---	---
Mercury	mg/Kg	7471A	0.208	3.13	3.13	---	0.019	0.018	0.015 J	0.012 J	0.013 J	0.011 J	---	---	---	---
Selenium	mg/Kg	6010B	0.52	391	5840	---	<0.57	<0.64	<0.60	<0.60	<0.59	<0.58	---	---	---	---
Silver	mg/Kg	6010B	0.8491	391	5840	---	0.27 J	0.24 J	0.23 J	0.19 J	0.24 J	0.23 J	---	---	---	---

Notes:

(1) From WDNR RCLs Worksheet dated December 2018

BOLD values exceed Groundwater Protection, Non-Industrial Direct Contact, or 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

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits

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

B = Compound was found in the blank and sample

* = Laboratory control sample and/or laboratory control sample duplicate is outside acceptance limits

** = Combined established standard of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene; and 3 & 4 Methylphenol

*** = Combined established standard of PCBs

*+ = Laboratory Control Sample or Laboratory Control Sample Duplicate is outside acceptance limits, high biased

TABLE 1
SOIL ANALYTICAL RESULTS
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-SS-14	WB-Int-1	WB-Int-2	WB-Int-3	WB-Int-4	WB-Int-5	WB-Int-6	WB-Int-7	WB-Int-8	WB-Int-9		
							0-1	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5		
Depth (feet)							ML-CL	SP-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	
Soil Type							Unsaturated	Moist	Moist	Moist	Unsaturated	Moist	Unsaturated	Unsaturated	Unsaturated	Moist	Moist	
Soil Conditions							Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	
Sampling Location							3/1/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/2/2021	
Sampling Date																		
Physical Characteristics																		
Percent Moisture							8.6	12.3	13.0	13.1	10.4	13.4	10.7	10.1	8.9	12.1		
Percent Solids							91.4	87.7	87.0	86.9	89.6	86.6	89.3	89.9	91.1	87.9		
Volatile Organic Compounds (VOCs)																		
1,1,1,2-Tetrachloroethane	mg/Kg	8260B	0.0534	2.78	12.3	---	<0.027	<0.029	<0.029	<0.030	<0.029	<0.030	<0.029	<0.028	<0.028	<0.029		
1,1,1-Trichloroethane	mg/Kg	8260B	0.1402	640	640	---	<0.023	<0.024	<0.024	<0.025	<0.024	<0.025	<0.023	<0.023	<0.023	<0.024		
1,1,2,2-Tetrachloroethane	mg/Kg	8260B	0.0002	0.81	3.6	---	<0.024	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.024	<0.024	<0.025		
1,1,2-Trichloroethane	mg/Kg	8260B	0.0032	1.59	7.01	---	<0.021	<0.022	<0.022	<0.023	<0.022	<0.023	<0.022	<0.021	<0.021	<0.022		
1,1-Dichloroethane	mg/Kg	8260B	0.4834	5.06	22.2	---	<0.024	<0.026	<0.026	<0.027	<0.026	<0.027	<0.025	<0.025	<0.024	<0.026		
1,1-Dichloroethene	mg/Kg	8260B	0.005	320	1,190	---	<0.023	<0.025	<0.024	<0.026	<0.024	<0.026	<0.024	<0.024	<0.023	<0.025		
1,1-Dichloropropene	mg/Kg	8260B	---	---	---	---	<0.018	<0.019	<0.019	<0.020	<0.019	<0.020	<0.018	<0.018	<0.018	<0.019		
1,2,3-Trichlorobenzene	mg/Kg	8260B	---	62.6	934	---	<0.027	<0.029	<0.029	<0.030	<0.029	<0.030	<0.028	<0.028	<0.027	<0.029		
1,2,3-Trichloropropane	mg/Kg	8260B	0.0519	0.005	0.109	---	<0.025	<0.026	<0.026	<0.027	<0.026	<0.027	<0.026	<0.025	<0.025	<0.026		
1,2,4-Trichlorobenzene	mg/Kg	8260B	0.408	24	113	---	<0.020	<0.022	<0.021	<0.023	<0.021	<0.022	<0.021	<0.021	<0.020	<0.022		
1,2,4-Trimethylbenzene	mg/Kg	8260B	1.3787**	219	219	---	0.34	<0.023	<0.022	<0.024	<0.022	<0.023	<0.022	<0.022	<0.021	<0.023		
1,2-Dibromo-3-Chloropropane	mg/Kg	8260B	0.0002	0.008	0.092	---	<0.12	<0.13	<0.12	<0.13	<0.12	<0.13	<0.12	<0.12	<0.12	<0.13		
1,2-Dibromomethane	mg/Kg	8260B	0.000282	0.05	0.221	---	<0.023	<0.025	<0.024	<0.025	<0.024	<0.025	<0.024	<0.024	<0.023	<0.024		
1,2-Dichlorobenzene	mg/Kg	8260B	1.168	376	376	---	<0.020	<0.021	<0.021	<0.022	<0.021	<0.022	<0.021	<0.020	<0.020	<0.021		
1,2-Dichloroethane	mg/Kg	8260B	0.0028	0.652	2.87	---	<0.023	<0.025	<0.024	<0.026	<0.024	<0.026	<0.024	<0.024	<0.023	<0.025		
1,2-Dichloropropane	mg/Kg	8260B	0.0033	3.4	15	---	<0.025	<0.027	<0.027	<0.028	<0.027	<0.028	<0.026	<0.026	<0.026	<0.027		
1,3,5-Trimethylbenzene	mg/Kg	8260B	1.3787**	182	182	---	0.13	<0.024	<0.024	<0.025	<0.024	<0.025	<0.023	<0.023	<0.023	<0.024		
1,3-Dichlorobenzene	mg/Kg	8260B	1.1528	297	297	---	<0.024	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.024	<0.024	<0.025		
1,3-Dichloropropane	mg/Kg	8260B	0.0003	2.37	10.6	---	<0.022	<0.023	<0.023	<0.024	<0.023	<0.024	<0.022	<0.022	<0.022	<0.023		
1,4-Dichlorobenzene	mg/Kg	8260B	0.144	3.74	16.4	---	<0.022	<0.023	<0.023	<0.024	<0.023	<0.024	<0.022	<0.022	<0.022	<0.023		
2,2-Dichloropropane	mg/Kg	8260B	---	191	191	---	<0.026	<0.028	<0.028	<0.029	<0.028	<0.029	<0.027	<0.027	<0.026	<0.028		
2-Chlorotoluene	mg/Kg	8260B	---	907	907	---	<0.019	<0.020	<0.020	<0.021	<0.020	<0.021	<0.019	<0.019	<0.019	<0.020		
4-Chlorotoluene	mg/Kg	8260B	---	253	253	---	<0.021	<0.022	<0.022	<0.023	<0.022	<0.023	<0.022	<0.021	<0.021	<0.022		
Benzene	mg/Kg	8260B	0.0051	1.6	7.07	---	0.47 F1	<0.0093	<0.0091	<0.0096	<0.0091	<0.0096	<0.0090	<0.0089	<0.0087	<0.0092		
Bromobenzene	mg/Kg	8260B	---	342	679	---	<0.021	<0.023	<0.022	<0.023	<0.022	<0.023	<0.022	<0.022	<0.021	<0.022		
Bromochloromethane	mg/Kg	8260B	---	216	906	---	<0.025	<0.027	<0.027	<0.028	<0.027	<0.028	<0.026	<0.026	<0.026	<0.027		
Bromodichloromethane	mg/Kg	8260B	0.0003	0.418	1.83	---	<0.022	<0.024	<0.023	<0.025	<0.023	<0.024	<0.023	<0.023	<0.022	<0.024		
Bromoform	mg/Kg	8260B	0.0023	25.4	113	---	<0.029	<0.031	<0.030	<0.032	<0.030	<0.032	<0.030	<0.029	<0.029	<0.031		
Bromomethane	mg/Kg	8260B	0.0051	9.6	43	---	<0.047	<0.051	<0.050	<0.053	<0.050	<0.052	<0.049	<0.048	<0.047	<0.050		
Carbon tetrachloride	mg/Kg	8260B	0.0039	0.916	4.03	---	<0.023	<0.024	<0.024	<0.025	<0.024	<0.025	<0.024	<0.023	<0.023	<0.024		
Chlorobenzene	mg/Kg	8260B	---	370	761	---	<0.023	<0.025	<0.024	<0.025	<0.024	<0.025	<0.024	<0.024	<0.023	<0.024		
Chloroethane	mg/Kg	8260B	0.2266	2,120	2,120	---	<0.030	<0.032	<0.031	<0.033	<0.031	<0.033	<0.031	<0.031	<0.030	<0.032		
Chloroform	mg/Kg	8260B	0.0033	0.454	1.98	---	<0.022	<0.024	<0.023	<0.024	<0.023	<0.024	<0.023	<0.023	<0.022	<0.023		
Chloromethane	mg/Kg	8260B	0.0155	159	669	---	<0.019	<0.020	<0.020	<0.021	<0.020	<0.021	<0.020	<0.019	<0.019	<0.020		
cis-1,2-Dichloroethene	mg/Kg	8260B	0.0412	156	2,340	---	<0.024	<0.026	<0.025	<0.027	<0.025	<0.027	<0.025	<0.025	<0.024	<0.026		
cis-1,3-Dichloropropene	mg/Kg	8260B	0.0003	1,210	1,210	---	<0.025	<0.026	<0.026	<0.027	<0.026	<0.027	<0.026	<0.025	<0.025	<0.026		
Dibromochloromethane	mg/Kg	8260B	0.032	8.28	38.9	---	<0.029	<0.031	<0.030	<0.032	<0.030	<0.032	<0.030	<0.030	<0.029	<0.031		
Dibromomethane	mg/Kg	8260B	---	34	143	---	<0.016	<0.017	<0.017	<0.018	<0.017	<0.018	<0.017	<0.016	<0.016	<0.017		
Dichlorodifluoromethane	mg/Kg	8260B	3.0863	126	530	---	<0.040	<0.043	<0.042	<0.044	<0.042	<0.044	<0.042	<0.041	<0.040	<0.043		
Ethylbenzene	mg/Kg	8260B	1.57	8.02	35.4	---	0.18	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.011	<0.011	<0.012		
Hexachlorobutadiene	mg/Kg	8260B	---	1.63	7.19	---	<0.027	<0.028	<0.028	<0.029	<0.028	<0.029	<0.028	<0.027	<0.027	<0.028		
Isopropyl ether	mg/Kg	8260B	---	2,260	2,260	---	<0.016	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.017	<0.016	<0.017		
Isopropylbenzene	mg/Kg	8260B	---	268	268	---	<0.023	<0.024	<0.024	<0.025	<0.024	<0.025	<0.024	<0.023	<0.023	<0.024		
Methyl tert-butyl ether	mg/Kg	8260B	0.027	63.8	282	---	<0.023	<0.025	<0.025	<0.026	<0.025	<0.026	<0.024	<0.024	<0.024	<0.025		
Methylene Chloride	mg/Kg	8260B	0.0026	61.8	1,150	---	<0.097	0.20 J B	0.62 B	0.65 B	0.60 B	0.61 B	0.58 B	0.57 B	0.57 B	<0.10		
Naphthalene	mg/Kg	8260B	0.658182	5.52	24.10	---	0.25	<0.021	<0.021	<0.022	<0.021	<0.022	<0.021	<0.020	<0.020	<0.021		
n-Butylbenzene	mg/Kg	8260B	---	108	108	---	0.10	<0.025	<0.024	<0.026	<0.024	<0.025	<0.024	<0.024	<0.023	<0.025		
N-Propylbenzene	mg/Kg	8260B	---	264	264	---	0.050 J	<0.026	<0.026	<0.027	<0.026	<0.027	<0.026	<0.025	<0.025	<0.026		
p-Isopropyltoluene	mg/Kg	8260B	---	162	162	---	<0.022	<0.023	<0.023	<0.024	<0.023	<0.024	<0.022	<0.022	<0.022	<0.023		
sec-Butylbenzene	mg/Kg	8260B	---	145	145	---	<0.024	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.024	<0.024	<0.025		
Styrene	mg/Kg	8260B	0.22	867	867	---	0.078	<0.025	<0.024	<0.025	<0.024	<0.025	<0.024	<0.024	<0.023	<0.024		
tert-Butylbenzene	mg/Kg	8260B	---	183	183	---	<0.024	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.024	<0.024	<0.025		
Tetrachloroethene	mg/Kg	8260B	0.0045	33	145	---	<0.022	<0.024	<0.023	<0.024	<0.023	<0.024	0.31	3.0	<0.022	<0.023		

TABLE 1
SOIL ANALYTICAL RESULTS
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-SS-14	WB-Int-1	WB-Int-2	WB-Int-3	WB-Int-4	WB-Int-5	WB-Int-6	WB-Int-7	WB-Int-8	WB-Int-9
							0-1	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5
							ML-CL	SP-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL	ML-CL
							Unsaturated	Moist	Moist	Moist	Unsaturated	Moist	Unsaturated	Unsaturated	Unsaturated	Moist
							Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior
Sampling Date	3/1/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021	4/5/2021
Toluene	mg/Kg	8260B	1.1072	818	818	---	0.32	0.028	<0.0092	<0.0097	<0.0092	<0.0096	<0.0091	<0.0090	<0.0088	<0.0093
trans-1,2-Dichloroethene	mg/Kg	8260B	0.0626	1560	1850	---	<0.021	<0.022	<0.022	<0.023	<0.022	<0.023	<0.022	<0.021	<0.021	<0.022
trans-1,3-Dichloropropene	mg/Kg	8260B	---	1,510	1,510	---	<0.022	<0.023	<0.023	<0.024	<0.023	<0.024	<0.022	<0.022	<0.022	<0.023
Trichloroethene	mg/Kg	8260B	0.0036	1.3	8.41	---	<0.0099	<0.010	<0.010	<0.011	<0.010	<0.011	<0.010	0.021 J	<0.0098	<0.010
Trichlorofluoromethane	mg/Kg	8260B	---	1,230	1,230	---	<0.025	<0.027	<0.027	<0.028	<0.027	<0.028	<0.026	<0.026	<0.026	<0.027
Vinyl chloride	mg/Kg	8260B	0.0001	0.067	2.08	---	<0.016	<0.017	<0.016	<0.017	<0.016	<0.017	<0.016	<0.016	<0.016	<0.017
Xylenes, Total	mg/Kg	8260B	3.96	1,212	1212	---	0.73	<0.014	<0.014	<0.015	<0.014	<0.014	<0.014	<0.013	<0.013	<0.014
Polycyclic Aromatic Hydrocarbons (PAHs)																
1-Methylnaphthalene	mg/Kg	8270D	---	17.6	72.7	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	mg/Kg	8270D	---	239	3010	---	---	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/Kg	8270D	---	3590	45,200	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/Kg	8270D	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/Kg	8270D	196,9492	17,900	100,000	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	mg/Kg	8270D	---	1.14	21	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene	mg/Kg	8270D	0.47	0.115	2.11	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	mg/Kg	8270D	0.4781	1.15	21.1	---	---	---	---	---	---	---	---	---	---	---
Benzo[g,h,i]perylene	mg/Kg	8270D	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	mg/Kg	8270D	---	11.5	211	---	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/Kg	8270D	0.1442	115	2110	---	---	---	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	mg/Kg	8270D	---	0.115	2	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/Kg	8270D	88.8778	2390	30,100	---	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/Kg	8270D	14.8299	2390	30,100	---	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	mg/Kg	8270D	---	1.15	21.1	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/Kg	8270D	0.6582	5.52	24.1	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/Kg	8270D	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/Kg	8270D	54.5455	1790	22,600	---	---	---	---	---	---	---	---	---	---	---
Polychlorinated Biphenyls (PCBs)																
PCB-1016	mg/Kg	8082A	0.0094***	4.11	28	---	<0.12	<0.0067	<0.0065	<0.0068	<0.0066	<0.0067	<0.0064	<0.0065	<0.0064	<0.0066
PCB-1221	mg/Kg	8082A	0.0094***	0.213	0.883	---	<0.16	<0.0084	<0.0081	<0.0084	<0.0082	<0.0083	<0.0080	<0.0081	<0.0079	<0.0083
PCB-1232	mg/Kg	8082A	0.0094***	0.190	0.792	---	<0.15	<0.0083	<0.0080	<0.0083	<0.0081	<0.0082	<0.0079	<0.0080	<0.0079	<0.0082
PCB-1242	mg/Kg	8082A	0.0094***	0.235	0.972	---	<0.12	<0.0062	<0.0061	<0.0063	<0.0061	<0.0062	<0.0060	<0.0061	<0.0059	<0.0062
PCB-1248	mg/Kg	8082A	0.0094***	0.236	0.975	---	<0.14	<0.0075	<0.0073	<0.0075	<0.0073	<0.0074	<0.0072	<0.0073	<0.0071	0.025
PCB-1254	mg/Kg	8082A	0.0094***	0.239	0.988	---	2.7	0.17	0.083	0.023	0.051	0.0084 J	<0.0039	<0.0040	<0.0039	<0.0040
PCB-1260	mg/Kg	8082A	0.0094***	0.243	1.000	---	<0.17	<0.0093	<0.0091	<0.0094	<0.0091	<0.0093	<0.0089	<0.0091	<0.0089	<0.0092
RCRA Metals																
Arsenic	mg/Kg	6010B	0.584	0.677	3	8.3	---	---	---	---	---	---	---	---	---	---
Barium	mg/Kg	6010B	164.8	15,300	100,000	364	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/Kg	6010B	0.752	71.1	985	1	---	---	---	---	---	---	---	---	---	---
Chromium	mg/Kg	6010B	360,000*	---	---	44	---	---	---	---	---	---	---	---	---	---
Lead	mg/Kg	6010B	27	400	800	51.6	---	---	---	---	---	---	---	---	---	---
Mercury	mg/Kg	7471A	0.208	3.13	3.13	---	---	---	---	---	---	---	---	---	---	---
Selenium	mg/Kg	6010B	0.52	391	5840	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/Kg	6010B	0.8491	391	5840	---	---	---	---	---	---	---	---	---	---	---

Notes:

(1) From WDNR RCLs Worksheet dated December 2018

BOLD values exceed Groundwater Protection, Non-Industrial Direct Contact, or 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

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits

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

B = Compound was found in the blank and sample

* = Laboratory control sample and/or laboratory control sample duplicate is outside acceptance limits

** = Combined established standard of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene, and 3 & 4 Methylphenol

*** = Combined established standard of PCBs

*+ = Laboratory Control Sample or Laboratory Control Sample Duplicate is outside acceptance limits, high biased

TABLE 1
 SOIL ANALYTICAL RESULTS
 COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
 MILWAUKEE, WI
 PROJECT NUMBER: 40443

Sample	Depth (feet)	Soil Type	Soil Conditions	Sampling Location	Sampling Date	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-Int-10	WB-Int-11	WB-Int-12	WB-Int-13	WB-Int-14	WB-Int-15	WB-Int-16	WB-Int-17	WB-MW-1		WB-MW-2		WB-1												
												0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	4-6	10-12	3-5	8.5-10.5	1-3											
Physical Characteristics												Percent Moisture												12.8	12.9	12.4	13.4	5.2	11.5	14.7	14.1	11.8	16.5	12.1	9.5	9.1
												Percent Solids												87.2	87.1	87.6	86.6	94.8	88.5	85.3	85.9	88.2	83.5	87.9	90.5	90.9
Volatile Organic Compounds (VOCs)																																				
1,1,1,2-Tetrachloroethane	mg/Kg	8260B	0.0534	2.78	12.3	---	<0.028	<0.030	<0.030	<0.030	<0.025	<0.029	<0.029	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030											
1,1,1-Trichloroethane	mg/Kg	8260B	0.1402	640	640	---	<0.023	<0.024	<0.024	<0.025	<0.021	<0.024	<0.024	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025											
1,1,2,2-Tetrachloroethane	mg/Kg	8260B	0.0002	0.81	3.6	---	<0.024	<0.025	<0.025	<0.026	<0.022	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025											
1,1,2-Trichloroethane	mg/Kg	8260B	0.0032	1.59	7.01	---	<0.021	<0.023	<0.023	<0.023	<0.019	<0.022	<0.022	<0.023	<0.022	<0.023	<0.022	<0.023	<0.022	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023											
1,1-Dichloroethane	mg/Kg	8260B	0.4834	5.06	22.2	---	<0.025	<0.026	<0.026	<0.026	<0.022	<0.025	<0.026	<0.025	<0.026	<0.027	<0.026	<0.027	<0.026	<0.027	<0.026	<0.027	<0.026	<0.027	<0.026											
1,1-Dichloroethene	mg/Kg	8260B	0.005	320	1,190	---	<0.024	<0.025	<0.025	<0.025	<0.021	<0.024	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.027	<0.024	<0.024	<0.023	<0.023	<0.024	<0.024											
1,1-Dichloropropene	mg/Kg	8260B	---	---	---	---	<0.018	<0.019	<0.019	<0.019	<0.016	<0.019	<0.019	<0.019	<0.020	<0.019	<0.019	<0.020	<0.019	<0.021	<0.019	<0.019	<0.018	<0.018	<0.018											
1,2,3-Trichlorobenzene	mg/Kg	8260B	---	62.6	934	---	<0.028	<0.029	<0.029	<0.030	<0.025	<0.028	<0.029	<0.030	<0.029	<0.029	<0.030	<0.029	<0.032	<0.029	<0.029	<0.027	<0.027	<0.028	<0.028											
1,2,3-Trichloropropane	mg/Kg	8260B	0.0519	0.005	0.109	---	<0.025	<0.026	<0.026	<0.027	<0.023	<0.026	<0.026	<0.027	<0.026	<0.027	<0.026	<0.027	<0.027	<0.029	<0.029	<0.026	<0.025	<0.025	<0.025											
1,2,4-Trichlorobenzene	mg/Kg	8260B	0.408	24	113	---	<0.021	<0.022	<0.022	<0.022	<0.019	<0.021	<0.022	<0.022	<0.023	<0.021	<0.022	<0.023	<0.022	<0.024	<0.021	<0.020	<0.020	<0.020	<0.021											
1,2,4-Trimethylbenzene	mg/Kg	8260B	1.3787**	219	219	---	<0.022	<0.023	<0.023	<0.023	<0.020	<0.022	<0.023	<0.023	<0.024	<0.023	<0.024	<0.023	<0.025	<0.022	<0.022	<0.021	<0.021	<0.022	<0.022											
1,2-Dibromo-3-Chloropropane	mg/Kg	8260B	0.0002	0.008	0.092	---	<0.12	<0.13	<0.13	<0.13	<0.11	<0.12	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.12	<0.12	<0.12											
1,2-Dibromoethane	mg/Kg	8260B	0.000282	0.05	0.221	---	<0.023	<0.025	<0.025	<0.025	<0.021	<0.024	<0.024	<0.024	<0.025	<0.024	<0.025	<0.024	<0.025	<0.027	<0.027	<0.024	<0.023	<0.023	<0.024											
1,2-Dichlorobenzene	mg/Kg	8260B	1.168	376	376	---	<0.020	<0.021	<0.021	<0.022	<0.018	<0.021	<0.021	<0.021	<0.022	<0.021	<0.022	<0.021	<0.023	<0.023	<0.021	<0.020	<0.020	<0.020	<0.020											
1,2-Dichloroethane	mg/Kg	8260B	0.0028	0.652	2.87	---	<0.024	<0.025	<0.025	<0.025	<0.021	<0.024	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.027	<0.027	<0.025	<0.023	<0.023	<0.023	<0.024											
1,2-Dichloropropane	mg/Kg	8260B	0.0033	3.4	15	---	<0.026	<0.027	<0.027	<0.028	<0.023	<0.027	<0.027	<0.027	<0.028	<0.027	<0.028	<0.027	<0.030	<0.027	<0.027	<0.025	<0.026	<0.026	<0.026											
1,3,5-Trimethylbenzene	mg/Kg	8260B	1.3787**	182	182	---	<0.023	<0.024	<0.024	<0.025	<0.021	<0.024	<0.024	<0.024	<0.025	<0.024	<0.025	<0.024	<0.026	<0.024	<0.024	<0.023	<0.023	<0.023	<0.023											
1,3-Dichlorobenzene	mg/Kg	8260B	1.1528	297	297	---	<0.024	<0.026	<0.026	<0.026	<0.022	<0.025	<0.025	<0.025	<0.026	<0.025	<0.026	<0.025	<0.026	<0.028	<0.025	<0.024	<0.024	<0.024	<0.024											
1,3-Dichloropropane	mg/Kg	8260B	0.0003	2.37	10.6	---	<0.022	<0.023	<0.023	<0.023	<0.020	<0.022	<0.023	<0.023	<0.024	<0.023	<0.024	<0.023	<0.024	<0.023	<0.025	<0.023	<0.022	<0.022	<0.022											
1,4-Dichlorobenzene	mg/Kg	8260B	0.144	3.74	16.4	---	<0.022	<0.023	<0.023	<0.023	<0.020	<0.023	<0.023	<0.023	<0.024	<0.023	<0.024	<0.023	<0.024	<0.023	<0.025	<0.023	<0.022	<0.022	<0.022											
2,2-Dichloropropane	mg/Kg	8260B	---	191	191	---	<0.027	<0.028	<0.028	<0.028	<0.024	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.029	<0.028	<0.031	<0.028	<0.027	<0.027	<0.027											
2-Chlorotoluene	mg/Kg	8260B	---	907	907	---	<0.019	<0.020	<0.020	<0.020	<0.017	<0.020	<0.020	<0.020	<0.021	<0.020	<0.021	<0.020	<0.022	<0.022	<0.020	<0.020	<0.019	<0.019	<0.019											
4-Chlorotoluene	mg/Kg	8260B	---	253	253	---	<0.021	<0.022	<0.022	<0.023	<0.019	<0.022	<0.022	<0.023	<0.022	<0.023	<0.022	<0.023	<0.022	<0.024	<0.022	<0.021	<0.021	<0.021	<0.021											
Benzene	mg/Kg	8260B	0.0051	1.6	7.07	---	<0.0089	<0.0093	<0.0093	<0.0094	<0.0080	<0.0091	<0.0092	<0.0092	<0.0096	<0.0096	<0.0096	<0.0096	<0.0094	<0.010	<0.0092	<0.0087	<0.0087	<0.0089	<0.0089											
Bromobenzene	mg/Kg	8260B	---	342	679	---	<0.022	<0.023	<0.023	<0.023	<0.019	<0.022	<0.022	<0.023	<0.022	<0.023	<0.022	<0.023	<0.023	<0.023	<0.025	<0.022	<0.021	<0.021	<0.022											
Bromochloromethane	mg/Kg	8260B	---	216	906	---	<0.026	<0.027	<0.027	<0.028	<0.023	<0.027	<0.027	<0.028	<0.027	<0.028	<0.027	<0.028	<0.027	<0.030	<0.027	<0.026	<0.026	<0.026	<0.026											
Bromodichloromethane	mg/Kg	8260B	0.0003	0.418	1.83	---	<0.023	<0.024	<0.024	<0.024	<0.020	<0.023	<0.023	<0.023	<0.025	<0.024	<0.025	<0.024	<0.026	<0.024	<0.023	<0.022	<0.022	<0.022	<0.023											
Bromofrom	mg/Kg	8260B	0.0023	25.4	113	---	<0.029	<0.031	<0.031	<0.031	<0.026	<0.030	<0.030	<0.032	<0.030	<0.032	<0.030	<0.032	<0.031	<0.034	<0.030	<0.029	<0.029	<0.029	<0.030											
Bromomethane	mg/Kg	8260B	0.0051	9.6	43	---	<0.048	<0.051	<0.051	<0.051	<0.043	<0.049	<0.050	<0.053	<0.050	<0.053	<0.050	<0.053	<0.051	<0.055	<0.050	<0.048	<0.048	<0.049	<0.049											
Carbon tetrachloride	mg/Kg	8260B	0.0039	0.916	4.03	---	<0.023	<0.025	<0.025	<0.025	<0.021	<0.024	<0.024	<0.025	<0.024	<0.025	<0.024	<0.025	<0.025	<0.027	<0.024	<0.023	<0.023	<0.023	<0.023											
Chlorobenzene	mg/Kg	8260B	---	370	761	---	<0.023	<0.025	<0.025	<0.025	<0.021	<0.024	<0.024	<0.025	<0.024	<0.025	<0.024	<0.025	<0.025	<0.027	<0.024	<0.023	<0.023	<0.024	<0.024											
Chloroethane	mg/Kg	8260B	0.2266	2,120	2,120	---	<0.031	<0.032	<0.032	<0.033	<0.027	<0.031	<0.032	<0.033	<0.032	<0.033	<0.033	<0.032	<0.035	<0.035	<0.032	<0.030	<0.030	<0.031	<0.031											
Chloroform	mg/Kg	8260B	0.0033	0.454	1.98	---	<0.023	<0.024	<0.024	<0.024	<0.020	<0.023	<0.023	<0.024	<0.023	<0.024	<0.023	<0.024	<0.026	<0.024	<0.023	<0.022	<0.022	<0.022	<0.023											
Chloromethane	mg/Kg	8260B	0.0155	159	669	---	<0.019	<0.020	<0.020	<0.021	<0.017	<0.020	<0.020	<0.021	<0.020	<0.021	<0.020	<0.021	<0.022	<0.022	<0.020	<0.019	<0.019	<0.020	<0.020											
cis-1,2-Dichloroethene	mg/Kg	8260B	0.0412	156	2,340	---	<0.025	<0.026	<0.026	<0.026	<0.022	<0.025	<0.026	<0.026	<0.027	<0.026	<0.027	<0.026	<0.027	<0.026	<0.028	<0.026	<0.024	<0.024	<0.025											
cis-1,3-Dichloropropene	mg/Kg	8260B	0.0003	1,210	1,210	---	<0																													

TABLE 1
SOIL ANALYTICAL RESULTS
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-Int-10	WB-Int-11	WB-Int-12	WB-Int-13	WB-Int-14	WB-Int-15	WB-Int-16	WB-Int-17	WB-MW-1		WB-MW-2		WB-1
							0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	4-6	10-12	3-5	8.5-10.5	1-3
Depth (feet)							ML-CL	ML-CL	ML-CL	SP-CL	SW	ML-CL	ML-CL	CL-SP	CL	CL	CL	CL	SW
Soil Type							Moist	Moist	Moist	Moist	Unsaturated	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist
Soil Conditions							Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Exterior	Exterior	Exterior	Exterior	Exterior
Sampling Location							Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Exterior	Exterior	Exterior	Exterior	Exterior
Sampling Date							4/2/2021	4/2/2021	4/2/2021	4/2/2021	4/2/2021	4/2/2021	4/2/2021	4/2/2021	5/3/2021	5/3/2021	5/3/2021	5/3/2021	5/3/2021
Toluene	mg/Kg	8260B	1.1072	818	818	---	<0.0089	<0.0094	<0.0094	<0.0095	<0.0080	<0.0091	<0.0092	<0.0097	0.010 J	<0.010 *	<0.0092 *	<0.0088	0.022
trans-1,2-Dichloroethene	mg/Kg	8260B	0.0626	1560	1850	---	<0.021	<0.022	<0.022	<0.023	<0.019	<0.022	<0.022	<0.023	<0.022 *	<0.024 *	<0.022 *	<0.021	<0.021
trans-1,3-Dichloropropene	mg/Kg	8260B	---	1,510	1,510	---	<0.022	<0.023	<0.023	<0.023	<0.020	<0.022	<0.023	<0.024	<0.023	<0.025	<0.023	<0.022	<0.022
Trichloroethene	mg/Kg	8260B	0.0036	1.3	8.41	---	<0.010	0.031 J	<0.010	<0.011	<0.0089	<0.010	<0.010	<0.011	<0.011 *	<0.011 *	<0.010 *	<0.0098 *	<0.010 *
Trichlorofluoromethane	mg/Kg	8260B	---	1,230	1,230	---	<0.026	<0.027	<0.027	<0.028	<0.023	<0.027	<0.027	<0.028	<0.027	<0.030	<0.027	<0.026	<0.026
Vinyl chloride	mg/Kg	8260B	0.0001	0.067	2.08	---	<0.016	<0.017	<0.017	<0.017	<0.014	<0.016	<0.016	<0.017	<0.017	<0.018	<0.016	<0.016	<0.016
Xylenes, Total	mg/Kg	8260B	3.96	1,212	1212	---	<0.013	<0.014	<0.014	<0.014	<0.012	<0.014	0.028 J	<0.015	<0.014	<0.015	<0.014	<0.013	<0.013
Polycyclic Aromatic Hydrocarbons (PAHs)																			
1-Methylnaphthalene	mg/Kg	8270D	---	17.6	72.7	---	---	---	---	---	---	---	---	---	<0.0091	---	<0.0090	---	<0.0086
2-Methylnaphthalene	mg/Kg	8270D	---	239	3010	---	---	---	---	---	---	---	---	---	<0.0069	---	<0.0068	---	<0.0064
Acenaphthene	mg/Kg	8270D	---	3590	45,200	---	---	---	---	---	---	---	---	---	<0.0067	---	<0.0066	---	<0.0063
Acenaphthylene	mg/Kg	8270D	---	---	---	---	---	---	---	---	---	---	---	---	<0.0049	---	<0.0049	---	0.006 J
Anthracene	mg/Kg	8270D	196.9492	17,900	100,000	---	---	---	---	---	---	---	---	---	<0.0062	---	<0.0062	---	0.012 J
Benzo[a]anthracene	mg/Kg	8270D	---	1.14	21	---	---	---	---	---	---	---	---	---	<0.0050	---	0.0053 J	---	0.074
Benzo[a]pyrene	mg/Kg	8270D	0.47	0.115	2.11	---	---	---	---	---	---	---	---	---	<0.0072	---	<0.0071	---	0.12
Benzo[b]fluoranthene	mg/Kg	8270D	0.4781	1.15	21.1	---	---	---	---	---	---	---	---	---	<0.0080	---	0.0093 J	---	0.16
Benzo[g,h,i]perylene	mg/Kg	8270D	---	---	---	---	---	---	---	---	---	---	---	---	<0.012	---	<0.012	---	0.11
Benzo[k]fluoranthene	mg/Kg	8270D	---	11.5	211	---	---	---	---	---	---	---	---	---	<0.011	---	<0.011	---	0.082
Chrysene	mg/Kg	8270D	0.1442	115	2110	---	---	---	---	---	---	---	---	---	<0.010	---	<0.010	---	0.13
Dibenz[a,h]anthracene	mg/Kg	8270D	---	0.115	2	---	---	---	---	---	---	---	---	---	<0.0072	---	<0.0071	---	0.021 J
Fluoranthene	mg/Kg	8270D	88.8778	2390	30,100	---	---	---	---	---	---	---	---	---	<0.0069	---	0.0093 J	---	0.18
Fluorene	mg/Kg	8270D	14.8298	2390	30,100	---	---	---	---	---	---	---	---	---	<0.0052	---	<0.0052	---	<0.0049
Indeno[1,2,3-cd]pyrene	mg/Kg	8270D	---	1.15	21.1	---	---	---	---	---	---	---	---	---	<0.0097	---	<0.0096	---	0.095
Naphthalene	mg/Kg	8270D	0.6582	5.52	24.1	---	---	---	---	---	---	---	---	---	<0.0057	---	<0.0057	---	0.0074 J
Phenanthrene	mg/Kg	8270D	---	---	---	---	---	---	---	---	---	---	---	---	<0.0052	---	<0.0051	---	0.082
Pyrene	mg/Kg	8270D	54.5455	1790	22,600	---	---	---	---	---	---	---	---	---	<0.0074	---	0.0077 J	---	0.16
Polychlorinated Biphenyls (PCBs)																			
PCB-1016	mg/Kg	8082A	0.0094***	4.11	28	---	<0.0067	<0.0068	<0.0067	<0.0068	<0.0062	<0.0066	<0.069	<0.034	<0.0066	---	<0.0066	---	<0.0063
PCB-1221	mg/Kg	8082A	0.0094***	0.213	0.883	---	<0.0083	<0.0084	<0.0084	<0.0084	<0.0077	<0.0083	<0.085	<0.042	<0.0081	---	<0.0082	---	<0.0079
PCB-1232	mg/Kg	8082A	0.0094***	0.190	0.792	---	<0.0082	<0.0083	<0.0083	<0.0084	<0.0076	<0.0082	<0.085	<0.041	<0.0081	---	<0.0081	---	<0.0078
PCB-1242	mg/Kg	8082A	0.0094***	0.235	0.972	---	<0.0062	<0.0063	<0.0062	<0.0063	<0.0057	<0.0062	<0.064	<0.031	<0.0061	---	<0.0061	---	<0.0059
PCB-1248	mg/Kg	8082A	0.0094***	0.236	0.975	---	<0.0074	<0.0075	<0.0075	0.19	0.20	<0.0074	<0.076	0.35	<0.0073	---	<0.0073	---	<0.0070
PCB-1254	mg/Kg	8082A	0.0094***	0.239	0.988	---	<0.0041	<0.0041	0.0059 J	<0.0041	<0.0038	<0.0041	0.49	<0.020	<0.0040	---	<0.0040	---	<0.0039
PCB-1260	mg/Kg	8082A	0.0094***	0.243	1.000	---	<0.0093	<0.0094	<0.0093	<0.0094	<0.0086	<0.0092	<0.095	<0.047	<0.0091	---	<0.0092	---	0.040
RCRA Metals																			
Arsenic	mg/Kg	6010B	0.584	0.677	3	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/Kg	6010B	164.8	15,300	100,000	364	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/Kg	6010B	0.752	71.1	985	1	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	mg/Kg	6010B	360,000*	---	---	44	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/Kg	6010B	27	400	800	51.6	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury	mg/Kg	7471A	0.208	3.13	3.13	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	mg/Kg	6010B	0.52	391	5840	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/Kg	6010B	0.8491	391	5840	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:
(1) From WDNR RCLs Worksheet dated December 2018
BOLD values exceed Groundwater Protection, Non-Industrial Direct Contact, or 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
F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits
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
B = Compound was found in the blank and sample
* = Laboratory control sample and/or laboratory control sample duplicate is outside acceptance limits
** = Combined established standard of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene; and 3 & 4 Methylphenol
*** = Combined established standard of PCBs
*+ = Laboratory Control Sample or Laboratory Control Sample Duplicate is outside acceptance limits, high biased

TABLE 1
 SOIL ANALYTICAL RESULTS
 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	AW-3	WB-MW-4		RTS-1	RTS-2	RTS-3	RTS-4	RTS-5	RTS-6	Trip Blank
							10-12	2-4	10-12	0-2	0.5-2.5	1-2	1-2	1-2	1-2	1-2
Depth (feet)							CL	CL	CL	SP	GP	N/A	N/A	N/A	N/A	---
Soil Type							Moist	Moist	Moist	Moist	Unsaturated	Moist	Moist	Moist	Moist	---
Soil Conditions							Exterior	Exterior	Exterior	Interior	Interior	Interior	Interior	Interior	Interior	---
Sampling Location							5/3/2021	5/3/2021	5/3/2021	3/3/2021	4/6/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	4/2/2021
Sampling Date																
Physical Characteristics																
Percent Moisture							12.5	13.8	13.9	15.5	5.1	7.3	5.5	13.8	16.7	14.1
Percent Solids							87.5	86.2	86.1	84.5	94.9	92.7	94.5	86.2	83.3	85.9
Volatile Organic Compounds (VOCs)																
1,1,1,2-Tetrachloroethane	mg/Kg	8260B	0.0534	2.78	12.3	---	<0.029 *	<0.030 *	<0.030 *	<0.031	<0.049	<0.027	<0.026	<0.030	<0.032	<0.023
1,1,1-Trichloroethane	mg/Kg	8260B	0.1402	640	640	---	<0.024	<0.025	<0.025	<0.025	<0.040	<0.022	<0.021	<0.025	<0.027	<0.019
1,1,2,2-Tetrachloroethane	mg/Kg	8260B	0.0002	0.81	3.6	---	<0.025	<0.026	<0.026	<0.026	<0.042	<0.023	<0.022	<0.026	<0.028	<0.020
1,1,2-Trichloroethane	mg/Kg	8260B	0.0032	1.59	7.01	---	<0.022 *	<0.023 *	<0.023 *	<0.023	<0.037	<0.020	<0.020	<0.023	<0.025	<0.018
1,1-Dichloroethane	mg/Kg	8260B	0.4834	5.06	22.2	---	<0.026 *	<0.027 *	<0.027 *	<0.027	<0.044 *	<0.024	<0.023	<0.027	<0.029	<0.021
1,1-Dichloroethene	mg/Kg	8260B	0.005	320	1,190	---	<0.025	<0.025	<0.025	<0.026	<0.041	<0.023	<0.022	<0.025	<0.027	<0.020
1,1-Dichloropropene	mg/Kg	8260B	---	---	---	---	<0.019	<0.019	<0.019	<0.020	<0.032	<0.017	<0.017	<0.019	<0.021	<0.015
1,2,3-Trichlorobenzene	mg/Kg	8260B	---	62.6	934	---	<0.029	<0.030	<0.030	<0.030	<0.049	<0.027	<0.026	<0.030	<0.032	<0.023
1,2,3-Trichloropropane	mg/Kg	8260B	0.0519	0.005	0.109	---	<0.026 *	<0.027 *	<0.027 *	<0.027	<0.044	<0.024	<0.023	<0.027	<0.029	<0.021
1,2,4-Trichlorobenzene	mg/Kg	8260B	0.408	24	113	---	<0.022	<0.022	<0.022	<0.023	<0.036	<0.020	<0.019	<0.022	<0.024	<0.017
1,2,4-Trimethylbenzene	mg/Kg	8260B	1.3787**	219	219	---	<0.023	<0.023	<0.023	<0.024	0.5	<0.021	<0.020	<0.023	<0.025	<0.018
1,2-Dibromo-3-Chloropropane	mg/Kg	8260B	0.0002	0.008	0.092	---	<0.13 *+*	<0.13 *+*	<0.13 *+*	<0.13	<0.21	<0.12	<0.11	<0.13	<0.14	<0.10
1,2-Dibromoethane	mg/Kg	8260B	0.0000282	0.05	0.221	---	<0.025 *	<0.025 *	<0.025 *	<0.026	<0.041	<0.022	<0.022	<0.025	<0.027	<0.019
1,2-Dichlorobenzene	mg/Kg	8260B	1.168	376	376	---	<0.021 *	<0.022 *	<0.022 *	<0.022	<0.036	<0.019	<0.019	<0.022	<0.023	<0.017
1,2-Dichloroethane	mg/Kg	8260B	0.0028	0.652	2.87	---	<0.025 *	<0.025 *	<0.025 *	<0.026	<0.042	<0.023	<0.022	<0.026	<0.027	<0.020
1,2-Dichloropropane	mg/Kg	8260B	0.0033	3.4	15	---	<0.027 *	<0.028 *	<0.028 *	<0.028	<0.046 *	<0.025	<0.024	<0.028	<0.030	<0.021
1,3,5-Trimethylbenzene	mg/Kg	8260B	1.3787**	182	182	---	<0.024	<0.025	<0.025	<0.025	0.17	<0.022	<0.021	<0.025	<0.027	<0.019
1,3-Dichlorobenzene	mg/Kg	8260B	1.1528	297	297	---	<0.025	<0.026	<0.026	<0.027	<0.043	<0.023	<0.022	<0.026	<0.028	<0.020
1,3-Dichloropropane	mg/Kg	8260B	0.0003	2.37	10.6	---	<0.023 *	<0.024 *	<0.024 *	<0.024	<0.039	<0.021	<0.020	<0.024	<0.025	<0.018
1,4-Dichlorobenzene	mg/Kg	8260B	0.144	3.74	16.4	---	<0.023	<0.024	<0.024	<0.024	<0.039	<0.021	<0.020	<0.024	<0.025	<0.018
2,2-Dichloropropane	mg/Kg	8260B	---	191	191	---	<0.028	<0.029	<0.029	<0.029	<0.047	<0.026	<0.025	<0.029	<0.031	<0.022
2-Chlorotoluene	mg/Kg	8260B	---	907	907	---	<0.020	<0.020	<0.020	<0.021	<0.033	<0.018	<0.018	<0.020	<0.022	<0.016
4-Chlorotoluene	mg/Kg	8260B	---	253	253	---	<0.022	<0.023	<0.023	<0.023	<0.037	<0.020	<0.020	<0.023	<0.024	<0.018
Benzene	mg/Kg	8260B	0.0051	1.6	7.07	---	<0.0093 *	<0.0095 *	<0.0095 *	<0.0097	0.022 J	<0.0085	<0.0082	<0.0095	<0.010	<0.0073
Bromobenzene	mg/Kg	8260B	---	342	679	---	<0.023 *	<0.023 *	<0.023 *	<0.024	<0.038	<0.021	<0.020	<0.023	<0.025	<0.018
Bromochloromethane	mg/Kg	8260B	---	216	906	---	<0.027 *	<0.028 *	<0.028 *	<0.028	<0.046	<0.025	<0.024	<0.028	<0.030	<0.021
Bromodichloromethane	mg/Kg	8260B	0.0003	0.418	1.83	---	<0.024 *	<0.024 *	<0.024 *	<0.025	<0.040	<0.022	<0.021	<0.024	<0.026	<0.019
Bromoform	mg/Kg	8260B	0.0023	25.4	113	---	<0.031 *	<0.031 *	<0.032 *	<0.032	<0.051	<0.028	<0.027	<0.032	<0.034	<0.024
Bromomethane	mg/Kg	8260B	0.0051	9.6	43	---	<0.051 *	<0.052 *	<0.052 *	<0.053	<0.085	<0.046	<0.045	<0.052	<0.056	<0.040
Carbon tetrachloride	mg/Kg	8260B	0.0039	0.916	4.03	---	<0.024	<0.025	<0.025	<0.025	<0.041	<0.022	<0.022	<0.025	<0.027	<0.019
Chlorobenzene	mg/Kg	8260B	---	370	761	---	<0.025 *	<0.025 *	<0.025 *	<0.026	<0.041	<0.022	<0.022	<0.025	<0.027	<0.019
Chloroethane	mg/Kg	8260B	0.2266	2,120	2,120	---	<0.032 *	<0.033 *	<0.033 *	<0.033	<0.054	<0.029	<0.028	<0.033	<0.035	<0.025
Chloroform	mg/Kg	8260B	0.0033	0.454	1.98	---	<0.024 *	<0.024 *	<0.024 *	<0.025	<0.039	<0.021	<0.021	<0.024	<0.026	<0.019
Chloromethane	mg/Kg	8260B	0.0155	159	669	---	<0.020	<0.021	<0.021	<0.021	<0.034	<0.019	<0.018	<0.021	<0.022	<0.016
cis-1,2-Dichloroethene	mg/Kg	8260B	0.0412	156	2,340	---	<0.026	<0.026	<0.027	<0.027	<0.043	<0.024	<0.023	<0.027	<0.028	<0.020
cis-1,3-Dichloropropene	mg/Kg	8260B	0.0003	1,210	1,210	---	<0.027	<0.027	<0.027	<0.028	<0.044	<0.024	<0.023	<0.027	<0.029	<0.021
Dibromochloromethane	mg/Kg	8260B	0.032	8.28	38.9	---	<0.031 *	<0.032 *	<0.032 *	<0.032	<0.052	<0.028	<0.027	<0.032	<0.034	<0.024
Dibromomethane	mg/Kg	8260B	---	34	143	---	<0.017 *	<0.018 *	<0.018 *	<0.018	<0.029	<0.016	<0.015	<0.018	<0.019	<0.014
Dichlorodifluoromethane	mg/Kg	8260B	3.0863	126	530	---	<0.043	<0.044	<0.044	<0.045	<0.072	<0.039	<0.038	<0.044	<0.047	<0.034
Ethylbenzene	mg/Kg	8260B	1.57	8.02	35.4	---	<0.012	<0.012	<0.012	<0.012	0.066	<0.011	<0.010	<0.012	<0.013	<0.0092
Hexachlorobutadiene	mg/Kg	8260B	---	1.83	7.19	---	<0.028	<0.029	<0.029	<0.030	<0.047	<0.026	<0.025	<0.029	<0.031	<0.022
Isopropyl ether	mg/Kg	8260B	---	2,260	2,260	---	<0.018	<0.018	<0.018	<0.018	<0.029	<0.016	<0.016	<0.018	<0.019	<0.014
Isopropylbenzene	mg/Kg	8260B	---	268	268	---	<0.024	<0.025	<0.025	<0.025	0.075 J	<0.022	<0.022	<0.025	<0.027	<0.019
Methyl tert-butyl ether	mg/Kg	8260B	0.027	63.8	282	---	<0.025 *	<0.026 *	<0.026 *	<0.026	<0.042	<0.023	<0.022	<0.026	<0.027	<0.020
Methylene Chloride	mg/Kg	8260B	0.0026	61.8	1,150	---	<0.10 *	<0.11 *	<0.11 *	<0.11	<0.17	<0.094	<0.092	<0.11	<0.11	0.16 J B
Naphthalene	mg/Kg	8260B	0.658182	5.52	24.10	---	0.044 J	0.022 J	<0.022	<0.022	0.63	<0.019	<0.019	<0.022	0.053 J	<0.017
n-Butylbenzene	mg/Kg	8260B	---	108	108	---	<0.025	<0.025	<0.025	<0.026	0.057 J	<0.022	<0.022	<0.025	<0.027	<0.019
N-Propylbenzene	mg/Kg	8260B	---	264	264	---	<0.026	<0.027	<0.027	<0.027	0.07 J	<0.024	<0.023	<0.027	<0.029	<0.021
p-Isopropyltoluene	mg/Kg	8260B	---	162	162	---	<0.023	<0.024	<0.024	<0.024	0.049 J	<0.021	<0.020	<0.024	<0.025	<0.018
sec-Butylbenzene	mg/Kg	8260B	---	145	145	---	<0.025	<0.026	<0.026	<0.026	<0.042	<0.023	<0.022	<0.026	<0.028	<0.020
Styrene	mg/Kg	8260B	0.22	867	867	---	<0.025 *	<0.025 *	<0.025 *	<0.026	<0.041	<0.022	<0.022	<0.025	<0.027	<0.019
tert-Butylbenzene	mg/Kg	8260B	---	183	183	---	<0.025	<0.026	<0.026	<0.026	<0.042	<0.023	<0.022	<0.026	<0.028	<0.020
Tetrachloroethane	mg/Kg	8260B	0.0045	33	145	---	<0.024	<0.024	<0.024	<0.025	0.12	0.90	<0.021	<0.024	<0.026	<0.019

TABLE 1
 SOIL ANALYTICAL RESULTS
 COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
 MILWAUKEE, WI
 PROJECT NUMBER: 40443

Sample	Depth (feet)	Soil Type	Soil Conditions	Sampling Location	Sampling Date	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	AW-3		WB-MW-4		RTS-1	RTS-2	RTS-3	RTS-4	RTS-5	RTS-6	Trip Blank	
												10-12	2-4	10-12	0-2	0.5-2.5	1-2	1-2	1-2	1-2	1-2	---	
												CL	CL	CL	SP	GP	N/A	N/A	N/A	N/A			
												Moist	Moist	Moist	Moist	Unsaturated	Moist	Moist	Moist	Moist	Moist	Moist	---
												Exterior	Exterior	Exterior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	---
												5/3/2021	5/3/2021	5/3/2021	3/3/2021	4/6/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	4/2/2021	---
Toluene	mg/Kg	8260B	1.1072	818	818	---	---	<0.0094	<0.0095	<0.0096	0.027	0.062	<0.0085	<0.0083	<0.0095	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
trans-1,2-Dichloroethene	mg/Kg	8260B	0.0626	1560	1850	---	---	<0.022	<0.023	<0.023	<0.023	<0.037	<0.020	<0.020	<0.023	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
trans-1,3-Dichloropropene	mg/Kg	8260B	---	1,510	1,510	---	---	<0.023	<0.024	<0.024	<0.024	<0.039	<0.021	<0.020	<0.024	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	mg/Kg	8260B	0.0036	1.3	8.41	---	---	<0.010 *	<0.011 *	<0.011 *	0.019 J	0.69	<0.0095	<0.0092	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Trichlorofluoromethane	mg/Kg	8260B	---	1,230	1,230	---	---	<0.027	<0.028	<0.028	<0.028	<0.046	<0.025	<0.024	<0.028	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Vinyl chloride	mg/Kg	8260B	0.0001	0.067	2.08	---	---	<0.017	<0.017	<0.017	<0.017	<0.028	<0.015	<0.015	<0.017	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Xylenes, Total	mg/Kg	8260B	3.96	1,212	1,212	---	---	<0.014	<0.014	<0.014	<0.015	0.83	<0.013	<0.012	<0.014	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Polycyclic Aromatic Hydrocarbons (PAHs)																							
1-Methylnaphthalene	mg/Kg	8270D	---	17.6	72.7	---	---	---	<0.0092	---	0.018 J	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	mg/Kg	8270D	---	239	3010	---	---	---	<0.0069	---	0.022 J	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/Kg	8270D	---	3590	45,200	---	---	---	<0.0068	---	<0.0071	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/Kg	8270D	---	---	---	---	---	---	<0.0050	---	<0.0052	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/Kg	8270D	196.9492	17,900	100,000	---	---	---	<0.0063	---	<0.0066	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]anthracene	mg/Kg	8270D	---	1.14	21	---	---	---	<0.0051	---	0.021 J	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]pyrene	mg/Kg	8270D	0.47	0.115	2.11	---	---	---	<0.0073	---	0.020 J	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]fluoranthene	mg/Kg	8270D	0.4781	1.15	21.1	---	---	---	<0.0081	---	0.030 J	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[g,h,i]perylene	mg/Kg	8270D	---	---	---	---	---	---	<0.012	---	0.015 J F1	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[k]fluoranthene	mg/Kg	8270D	---	11.5	211	---	---	---	<0.011	---	<0.012	---	---	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/Kg	8270D	0.1442	115	2110	---	---	---	<0.010	---	0.034 J	---	---	---	---	---	---	---	---	---	---	---	---
Dibenz[a,h]anthracene	mg/Kg	8270D	---	0.115	2	---	---	---	<0.0073	---	<0.0076	---	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/Kg	8270D	88.8778	2390	30,100	---	---	---	<0.0070	---	0.044	---	---	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/Kg	8270D	14.8299	2390	30,100	---	---	---	<0.0053	---	<0.0055	---	---	---	---	---	---	---	---	---	---	---	---
Indeno[1,2,3-cd]pyrene	mg/Kg	8270D	---	1.15	21.1	---	---	---	<0.0098	---	0.017 J F1	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/Kg	8270D	0.6582	5.52	24.1	---	---	---	<0.0058	---	0.014 J	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/Kg	8270D	---	---	---	---	---	---	<0.0052	---	0.052	---	---	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/Kg	8270D	54.5455	1790	22,600	---	---	---	<0.0075	---	0.041	---	---	---	---	---	---	---	---	---	---	---	---
Polychlorinated Biphenyls (PCBs)																							
PCB-1016	mg/Kg	8082A	0.0094***	4.11	28	---	---	---	<0.0065	---	<0.0069	<0.0061	<0.0063	<0.0061	<0.0068	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069
PCB-1221	mg/Kg	8082A	0.0094***	0.213	0.883	---	---	---	<0.0080	---	<0.0086	<0.0076	<0.0079	<0.0076	<0.0084	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085
PCB-1232	mg/Kg	8082A	0.0094***	0.190	0.792	---	---	---	<0.0080	---	<0.0085	<0.0076	<0.0078	<0.0075	<0.0083	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085	<0.0085
PCB-1242	mg/Kg	8082A	0.0094***	0.235	0.972	---	---	---	<0.0060	---	0.071	<0.0057	<0.0059	<0.0057	<0.0063	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064
PCB-1248	mg/Kg	8082A	0.0094***	0.236	0.975	---	---	---	<0.0072	---	<0.0077	<0.0068	<0.0071	<0.0068	<0.0075	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076
PCB-1254	mg/Kg	8082A	0.0094***	0.239	0.988	---	---	---	<0.0039	---	<0.0042	0.018	<0.0039	<0.0037	<0.0041	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
PCB-1260	mg/Kg	8082A	0.0094***	0.243	1.000	---	---	---	<0.0090	---	<0.0096	<0.0085	<0.0088	<0.0085	<0.0094	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
RCRA Metals																							
Arsenic	mg/Kg	6010B	0.584	0.677	3	8.3	---	---	---	---	5.5	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/Kg	6010B	164.8	15,300	100,000	364	---	---	---	---	69	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/Kg	6010B	0.752	71.1	985	1	---	---	---	---	0.31	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	mg/Kg	6010B	360,000*	---	---	44	---	---	---	---	15	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/Kg	6010B	27	400	800	51.6	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---
Mercury	mg/Kg	7471A	0.208	3.13	3.13	---	---	---	---	---	0.049	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	mg/Kg	6010B	0.52	391	5840	---	---	---	---	---	<0.68	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/Kg	6010B	0.8491	391	5840	---	---	---	---	---	0.27 J	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

(1) From WDNR RCLs Worksheet dated December 2016

BOLD values exceed Groundwater Protection, Non-Industrial Direct Contact, or 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

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits

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

B = Compound was found in the blank and sample

* = Laboratory control sample and/or laboratory control sample duplicate is outside acceptance limits

** = Combined established standard of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene; and 3 & 4 Methylphenol

*** = Combined established standard of PCBs

*+ = Laboratory Control Sample or Laboratory Control Sample Duplicate is outside acceptance limits, high biased

TABLE 2
PFAS ANALYTICAL RESULTS
COMMUNITY WITHIN THE CORRIDOR - WEST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40443

Sample				B-13	B-14	B-15
Depth (feet)				1 - 2	1 - 2	1 - 2
Soil Type	Units	NR 720 Non-Industrial Direct Contact RCL	NR 720 Industrial Direct Contact RCL	Clayey SAND	Clayey SAND	Clayey SAND
Soil Conditions				Unsaturated	Unsaturated	Unsaturated
Sampling Date				4/7/2020	4/7/2020	4/7/2020
Physical Characteristics						
Percent Moisture	%	---	---	12.2	17.7	13.5
Percent Solids	%	---	---	87.8	82.3	86.5
Method 537 (modified) - Fluorinated Alkyl Substances						
Perfluorobutanoic acid (PFBA)	ug/Kg	---	---	0.040 J B	0.041 J B	0.21 J B
Perfluoropentanoic acid (PFPeA)	ug/Kg	---	---	<0.087	<0.093	<0.088
Perfluorohexanoic acid (PFHxA)	ug/Kg	---	---	<0.047	<0.051	<0.048
Perfluoroheptanoic acid (PFHpA)	ug/Kg	---	---	<0.033	<0.035	<0.033
Perfluorooctanoic acid (PFOA)	ug/Kg	1260	16,400	<0.097	<0.10	<0.098
Perfluorononanoic acid (PFNA)	ug/Kg	---	---	<0.041	<0.043	<0.041
Perfluorodecanoic acid (PFDA)	ug/Kg	---	---	<0.025	<0.027	<0.025
Perfluoroundecanoic acid (PFUnA)	ug/Kg	---	---	<0.041	<0.043	<0.041
Perfluorododecanoic acid (PFDoA)	ug/Kg	---	---	<0.076	<0.081	<0.076
Perfluorotridecanoic acid (PFTriA)	ug/Kg	---	---	<0.057	<0.062	<0.058
Perfluorotetradecanoic acid (PFTeA)	ug/Kg	---	---	<0.061	<0.065	<0.062
Perfluoro-n-hexadecanoic acid (PFHxDA)	ug/Kg	---	---	<0.050	<0.053	<0.050
Perfluoro-n-octadecanoic acid (PFODA)	ug/Kg	---	---	<0.032	<0.034	<0.032
Perfluorobutanesulfonic acid (PFBS)	ug/Kg	---	---	<0.028	<0.030	<0.029
Perfluoropentanesulfonic acid (PFPeS)	ug/Kg	---	---	<0.023	<0.024	<0.023
Perfluorohexanesulfonic acid (PFHxS)	ug/Kg	---	---	<0.035	<0.037	<0.035
Perfluoroheptanesulfonic Acid (PFHpS)	ug/Kg	---	---	<0.039	<0.042	<0.040
Perfluorooctanesulfonic acid (PFOS)	ug/Kg	1260	16,400	<0.23	<0.24	<0.23
Perfluorononanesulfonic acid (PFNS)	ug/Kg	---	---	<0.023	<0.024	<0.023
Perfluorodecanesulfonic acid (PFDS)	ug/Kg	---	---	<0.044	<0.047	<0.044
Perfluorododecanesulfonic acid (PFDoS)	ug/Kg	---	---	<0.068	<0.072	<0.068
Perfluorooctanesulfonamide (FOSA)	ug/Kg	---	---	<0.092	<0.099	<0.094
NEtFOSA	ug/Kg	---	---	<0.027	<0.029	<0.027
NMeFOSA	ug/Kg	---	---	<0.046	<0.050	<0.047
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/Kg	---	---	<0.44	<0.47	<0.44
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/Kg	---	---	<0.42	<0.45	<0.42
NMeFOSE	ug/Kg	---	---	<0.080	<0.086	<0.081
NEtFOSE	ug/Kg	---	---	<0.041	<0.043	<0.041
4:2 FTS	ug/Kg	---	---	<0.42	<0.45	<0.42
6:2 FTS	ug/Kg	---	---	<0.17	<0.18	<0.17
8:2 FTS	ug/Kg	---	---	<0.28	<0.30	<0.29
10:2 FTS	ug/Kg	---	---	<0.056	<0.060	<0.057
DONA	ug/Kg	---	---	<0.020	<0.022	<0.021
HFPO-DA (GenX)	ug/Kg	---	---	<0.12	<0.13	<0.13
F-53B Major	ug/Kg	---	---	<0.030	<0.033	<0.031
F-53B Minor	ug/Kg	---	---	<0.25	<0.027	<0.025

NOTES:

All results in micrograms per kilogram (ug/Kg)

B = Compound was found in the blank and sample

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

RL = Reporting Limit or Requested Limit (Radiochemistry)

MDL = Method Detection Limit

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name		DNR ID # (BRRTS #)	
Community Within the Corridor - West Block		02-41-587376	
Address	City	State	ZIP Code
3212 W. Center St., 2727 N. 32nd St. & 2758 N. 33rd St.	Milwaukee	WI	53210

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Community within the Corridor Limited Partnership, LLC			
Address	City	State	ZIP Code
110 Cheshire Lane, Suite 120	Minnetonka	MN	55305
Contact Person	Phone Number (include area code)		
Mr. Shane LaFave	(763) 285-8795		

Person or company that collected samples

KSingh & Associates, Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Ongoing Site Investigation (groundwater not sampled yet)

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: <u>PCBs, & Benzene</u>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

Contaminants in Vapor

	Contaminants in Vapor	
	Yes	No
Indoor Air	<input type="radio"/>	<input checked="" type="radio"/>
Sub-slab	<input checked="" type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input checked="" type="radio"/>

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name		Contact Person Last Name	First Name	
KSingh & Associates, Inc.		Pelczar	Daniel	
Address		City	State	ZIP Code
3636 N. 124th St.		Wauwatosa	WI	53222
Phone # (inc. area code)	Email			
(262) 821-1171	dpelczar@ksinghengineering.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)		
Pfeiffer	Jane	(414) 435-8021		
Address		City	State	ZIP Code
2300 N. Martin Luther King Dr.		Milwaukee	WI	53212
Email				
jane.pfeiffer@wisconsin.gov				

ANALYTICAL REPORT

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

Laboratory Job ID: 500-180587-1

Client Project/Site: Community Within the Corridor - 40392

For:

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

Attn: Mr. Robert Reineke



Authorized for release by:
4/27/2020 2:33:34 PM

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

LINKS

Review your project
results through
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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	8
Sample Summary	9
Client Sample Results	10
Definitions	34
QC Association	35
Surrogate Summary	39
QC Sample Results	41
Chronicle	58
Certification Summary	63
Chain of Custody	64
Receipt Checklists	65

Case Narrative

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Job ID: 500-180587-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-180587-1

Comments

No additional comments.

Receipt

The samples were received on 4/14/2020 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9° C.

GC/MS VOA

Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. 40392-B-1 (5.5'-7.5') (500-180587-1), 40392-B-2 (4'-6') (500-180587-2), 40392-B-3 (4'-6') (500-180587-3), 40392-B-4 (4'-6') (500-180587-4), 40392-B-5 (3'-5') (500-180587-5), 40392-B-6 (3'-5') (500-180587-6), 40392-B-7 (3'-5') (500-180587-7), 40392-B-8 (9'-11') (500-180587-8), 40392-B-9 (4'-6') (500-180587-9) and 40392-B-12 (3.5'-5.5') (500-180587-10)

Method 8260B: The laboratory control sample (LCS) for 538558 recovered outside control limits for Bromomethane. This is a prepped 5035 LCS. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. 40392-B-1 (5.5'-7.5') (500-180587-1), 40392-B-2 (4'-6') (500-180587-2), 40392-B-3 (4'-6') (500-180587-3), 40392-B-4 (4'-6') (500-180587-4), 40392-B-5 (3'-5') (500-180587-5), 40392-B-6 (3'-5') (500-180587-6), 40392-B-7 (3'-5') (500-180587-7), 40392-B-8 (9'-11') (500-180587-8), 40392-B-9 (4'-6') (500-180587-9) and 40392-B-12 (3.5'-5.5') (500-180587-10)

Method 8260B: The laboratory control sample (LCS) for 539012 recovered outside control limits for Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. 40392-B-1 (5.5'-7.5') (500-180587-1), 40392-B-2 (4'-6') (500-180587-2) and 40392-B-3 (4'-6') (500-180587-3)

Method 8260B: The following analyte(s) recovered outside control limits for the LCS associated with 539158: Bromomethane and 1,2-Dibromom-3-Chloropropane. These were marginal exceedances. Qualified results have been reported. 40392-B-4 (4'-6') (500-180587-4), 40392-B-5 (3'-5') (500-180587-5), 40392-B-6 (3'-5') (500-180587-6), 40392-B-7 (3'-5') (500-180587-7), 40392-B-8 (9'-11') (500-180587-8), 40392-B-9 (4'-6') (500-180587-9) and 40392-B-12 (3.5'-5.5') (500-180587-10)

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

GC/MS Semi VOA

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

GC Semi VOA

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1254: 40392-B-8 (9'-11') (500-180587-8).

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

Metals

Method 6010B: The following sample was diluted due to the abundance of non-target analytes: 40392-B-9 (4'-6') (500-180587-9). Elevated reporting limits (RLs) are provided.

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

Organic Prep

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

Detection Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-1 (5.5'-7.5')

Lab Sample ID: 500-180587-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		0.97	0.33	mg/Kg	1	☼	6010B	Total/NA
Barium	42	V	0.97	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.19	B	0.19	0.035	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		0.97	0.48	mg/Kg	1	☼	6010B	Total/NA
Lead	9.3		0.49	0.22	mg/Kg	1	☼	6010B	Total/NA
Silver	0.27	J	0.49	0.13	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.019		0.018	0.0060	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-2 (4'-6')

Lab Sample ID: 500-180587-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.7		1.1	0.37	mg/Kg	1	☼	6010B	Total/NA
Barium	50		1.1	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.40	B	0.22	0.039	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Lead	22		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Silver	0.24	J	0.55	0.14	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.018		0.017	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-3 (4'-6')

Lab Sample ID: 500-180587-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		1.0	0.35	mg/Kg	1	☼	6010B	Total/NA
Barium	29		1.0	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.28	B	0.20	0.037	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		1.0	0.51	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.51	0.24	mg/Kg	1	☼	6010B	Total/NA
Silver	0.23	J	0.51	0.13	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.015	J	0.018	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-4 (4'-6')

Lab Sample ID: 500-180587-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.0090	J	0.037	0.0081	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.0061	J	0.037	0.0058	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.0089	J	0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.0092	J	0.037	0.0074	mg/Kg	1	☼	8270D	Total/NA
Arsenic	3.5		1.0	0.35	mg/Kg	1	☼	6010B	Total/NA
Barium	32		1.0	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23	B	0.21	0.037	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		1.0	0.51	mg/Kg	1	☼	6010B	Total/NA
Lead	8.2		0.51	0.24	mg/Kg	1	☼	6010B	Total/NA
Silver	0.19	J	0.51	0.13	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.012	J	0.017	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		1.0	0.35	mg/Kg	1	☼	6010B	Total/NA
Barium	39		1.0	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.25	B	0.20	0.036	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.0	0.50	mg/Kg	1	☼	6010B	Total/NA
Lead	9.7		0.51	0.23	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-5 (3'-5') (Continued)

Lab Sample ID: 500-180587-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.24	J	0.51	0.13	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.013	J	0.018	0.0060	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-6 (3'-5')

Lab Sample ID: 500-180587-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.4		0.99	0.34	mg/Kg	1	☼	6010B	Total/NA
Barium	36		0.99	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.26	B	0.20	0.035	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		0.99	0.49	mg/Kg	1	☼	6010B	Total/NA
Lead	9.0		0.49	0.23	mg/Kg	1	☼	6010B	Total/NA
Silver	0.23	J	0.49	0.13	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.011	J	0.018	0.0060	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.11		0.10	0.037	mg/Kg	50	☼	8260B	Total/NA
Benzene	0.077		0.026	0.015	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.051		0.026	0.019	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	0.15		0.10	0.034	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.28		0.026	0.015	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	0.37		0.051	0.023	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	0.066	J	0.079	0.0095	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.074	J	0.079	0.0072	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.10		0.039	0.0070	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.023	J	0.039	0.0052	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.19		0.039	0.0065	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.91		0.039	0.0053	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1.1		0.039	0.0076	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1.5		0.039	0.0084	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.40		0.039	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.49		0.039	0.012	mg/Kg	1	☼	8270D	Total/NA
Chrysene	1.1		0.039	0.011	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.13		0.039	0.0076	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	2.2		0.039	0.0072	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.083		0.039	0.0055	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.37		0.039	0.010	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.064		0.039	0.0060	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	1.4		0.039	0.0054	mg/Kg	1	☼	8270D	Total/NA
Pyrene	2.1		0.039	0.0078	mg/Kg	1	☼	8270D	Total/NA
Arsenic	5.8		1.1	0.38	mg/Kg	1	☼	6010B	Total/NA
Barium	69		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.41	B	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Lead	140		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Silver	0.28	J	0.55	0.14	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.066		0.019	0.0064	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-8 (9'-11')

Lab Sample ID: 500-180587-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.18		0.088	0.033	mg/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	14		0.088	0.033	mg/Kg	50	☼	8260B	Total/NA
Benzene	0.13		0.022	0.013	mg/Kg	50	☼	8260B	Total/NA
cis-1,2-Dichloroethene	0.052	J	0.088	0.036	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	5.6		0.022	0.016	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	1.8		0.088	0.034	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	3.9		0.088	0.029	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	10		0.088	0.034	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	4.2		0.088	0.036	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	5.1		0.088	0.032	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	3.8		0.088	0.035	mg/Kg	50	☼	8260B	Total/NA
tert-Butylbenzene	0.38		0.088	0.035	mg/Kg	50	☼	8260B	Total/NA
Tetrachloroethene	0.15		0.088	0.032	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.23		0.022	0.013	mg/Kg	50	☼	8260B	Total/NA
Trichloroethene	2.2		0.044	0.014	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	15		0.044	0.019	mg/Kg	50	☼	8260B	Total/NA
1,2,4-Trimethylbenzene - DL	34		0.88	0.31	mg/Kg	500	☼	8260B	Total/NA
1-Methylnaphthalene	0.77		0.074	0.0090	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1.1		0.074	0.0068	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.47		0.037	0.0066	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.052		0.037	0.0049	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.55		0.037	0.0062	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.83		0.037	0.0050	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.87		0.037	0.0071	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.95		0.037	0.0079	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.28		0.037	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.32		0.037	0.011	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.84		0.037	0.010	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.097		0.037	0.0071	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	2.2		0.037	0.0068	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.48		0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.27		0.037	0.0095	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	2.1		0.037	0.0057	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	2.4		0.037	0.0051	mg/Kg	1	☼	8270D	Total/NA
Pyrene	1.8		0.037	0.0073	mg/Kg	1	☼	8270D	Total/NA
PCB-1254	0.13		0.018	0.0038	mg/Kg	1	☼	8082A	Total/NA
Arsenic	6.2		0.99	0.34	mg/Kg	1	☼	6010B	Total/NA
Barium	34		0.99	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.38	B	0.20	0.036	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		0.99	0.49	mg/Kg	1	☼	6010B	Total/NA
Lead	22		0.49	0.23	mg/Kg	1	☼	6010B	Total/NA
Silver	0.18	J	0.49	0.13	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.091		0.017	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.077	J	0.11	0.042	mg/Kg	50	☼	8260B	Total/NA
1,2,4-Trimethylbenzene	0.35		0.11	0.039	mg/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.080	J	0.11	0.042	mg/Kg	50	☼	8260B	Total/NA
Benzene	0.046		0.028	0.016	mg/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-9 (4'-6') (Continued)

Lab Sample ID: 500-180587-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.13		0.028	0.020	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.11		0.11	0.042	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	0.70		0.11	0.037	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.059	J	0.11	0.043	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.13		0.11	0.046	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.045	J	0.11	0.044	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.29		0.028	0.016	mg/Kg	50	☼	8260B	Total/NA
Trichloroethene	0.16		0.055	0.018	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	1.0		0.055	0.024	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	0.69		0.076	0.0092	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.84		0.076	0.0070	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.041		0.038	0.0068	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.074		0.038	0.0063	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.30		0.038	0.0051	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.32		0.038	0.0073	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.57		0.038	0.0082	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.13		0.038	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.14		0.038	0.011	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.45		0.038	0.010	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.053		0.038	0.0073	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.55		0.038	0.0070	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.031	J	0.038	0.0053	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.12		0.038	0.0098	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.67		0.038	0.0058	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.67		0.038	0.0053	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.50		0.038	0.0075	mg/Kg	1	☼	8270D	Total/NA
Arsenic	18		5.7	2.0	mg/Kg	5	☼	6010B	Total/NA
Barium	53		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Chromium	35		1.1	0.57	mg/Kg	1	☼	6010B	Total/NA
Lead	56		2.9	1.3	mg/Kg	5	☼	6010B	Total/NA
Silver	0.72		0.57	0.15	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.070		0.019	0.0062	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.012	J	0.035	0.0048	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.011	J	0.035	0.0071	mg/Kg	1	☼	8270D	Total/NA
Arsenic	7.9		0.95	0.33	mg/Kg	1	☼	6010B	Total/NA
Barium	23		0.95	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.57	B	0.19	0.034	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		0.95	0.47	mg/Kg	1	☼	6010B	Total/NA
Lead	9.5		0.48	0.22	mg/Kg	1	☼	6010B	Total/NA
Silver	0.21	J	0.48	0.12	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0078	J	0.016	0.0054	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7471A	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471A	Preparation, Mercury	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 - 40392

Job ID: 500-180587-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-180587-1	40392-B-1 (5.5'-7.5')	Solid	04/10/20 11:10	04/14/20 09:40	
500-180587-2	40392-B-2 (4'-6')	Solid	04/10/20 10:40	04/14/20 09:40	
500-180587-3	40392-B-3 (4'-6')	Solid	04/10/20 09:50	04/14/20 09:40	
500-180587-4	40392-B-4 (4'-6')	Solid	04/10/20 14:40	04/14/20 09:40	
500-180587-5	40392-B-5 (3'-5')	Solid	04/10/20 15:05	04/14/20 09:40	
500-180587-6	40392-B-6 (3'-5')	Solid	04/10/20 15:25	04/14/20 09:40	
500-180587-7	40392-B-7 (3'-5')	Solid	04/10/20 13:10	04/14/20 09:40	
500-180587-8	40392-B-8 (9'-11')	Solid	04/10/20 14:20	04/14/20 09:40	
500-180587-9	40392-B-9 (4'-6')	Solid	04/10/20 16:00	04/14/20 09:40	
500-180587-10	40392-B-12 (3.5'-5.5')	Solid	04/10/20 16:50	04/14/20 09:40	



Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-1 (5.5'-7.5')

Lab Sample ID: 500-180587-1

Date Collected: 04/10/20 11:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.040		0.087	0.040	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,1,1-Trichloroethane	<0.033		0.087	0.033	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,1,2,2-Tetrachloroethane	<0.035		0.087	0.035	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,1,2-Trichloroethane	<0.031		0.087	0.031	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,1-Dichloroethane	<0.036		0.087	0.036	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,1-Dichloroethene	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,1-Dichloropropene	<0.026		0.087	0.026	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2,3-Trichlorobenzene	<0.040		0.087	0.040	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2,3-Trichloropropane	<0.036		0.17	0.036	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2,4-Trichlorobenzene	<0.030		0.087	0.030	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2,4-Trimethylbenzene	<0.031		0.087	0.031	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2-Dibromo-3-Chloropropane	<0.17		0.44	0.17	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2-Dibromoethane	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2-Dichlorobenzene	<0.029		0.087	0.029	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2-Dichloroethane	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,2-Dichloropropane	<0.037		0.087	0.037	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,3,5-Trimethylbenzene	<0.033		0.087	0.033	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,3-Dichlorobenzene	<0.035		0.087	0.035	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,3-Dichloropropane	<0.032		0.087	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
1,4-Dichlorobenzene	<0.032		0.087	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
2,2-Dichloropropane	<0.039		0.087	0.039	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
2-Chlorotoluene	<0.027		0.087	0.027	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
4-Chlorotoluene	<0.030		0.087	0.030	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Benzene	<0.013		0.022	0.013	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Bromobenzene	<0.031		0.087	0.031	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Bromochloromethane	<0.037		0.087	0.037	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Bromodichloromethane	<0.032		0.087	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Bromoform	<0.042		0.087	0.042	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Bromomethane	<0.069 *		0.26	0.069	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Carbon tetrachloride	<0.033		0.087	0.033	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Chlorobenzene	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Chloroethane	<0.044		0.087	0.044	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Chloroform	<0.032		0.17	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Chloromethane	<0.028		0.087	0.028	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
cis-1,2-Dichloroethene	<0.036		0.087	0.036	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
cis-1,3-Dichloropropene	<0.036		0.087	0.036	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Dibromochloromethane	<0.042		0.087	0.042	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Dibromomethane	<0.023		0.087	0.023	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Dichlorodifluoromethane	<0.059		0.26	0.059	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Ethylbenzene	<0.016		0.022	0.016	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Hexachlorobutadiene	<0.039		0.087	0.039	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Isopropyl ether	<0.024		0.087	0.024	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Isopropylbenzene	<0.033		0.087	0.033	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Methyl tert-butyl ether	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Methylene Chloride	<0.14		0.44	0.14	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Naphthalene	<0.029		0.087	0.029	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
n-Butylbenzene	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
N-Propylbenzene	<0.036		0.087	0.036	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
p-Isopropyltoluene	<0.032		0.087	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-1 (5.5'-7.5')

Lab Sample ID: 500-180587-1

Date Collected: 04/10/20 11:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.035		0.087	0.035	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Styrene	<0.034		0.087	0.034	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
tert-Butylbenzene	<0.035		0.087	0.035	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Tetrachloroethene	<0.032		0.087	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Toluene	<0.013		0.022	0.013	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
trans-1,2-Dichloroethene	<0.030		0.087	0.030	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
trans-1,3-Dichloropropene	<0.032		0.087	0.032	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Trichloroethene	<0.014		0.044	0.014	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Trichlorofluoromethane	<0.037		0.087	0.037	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Vinyl chloride	<0.023		0.087	0.023	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50
Xylenes, Total	<0.019		0.044	0.019	mg/Kg	☼	04/10/20 11:10	04/21/20 16:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126	04/10/20 11:10	04/21/20 16:53	50
4-Bromofluorobenzene (Surr)	91		72 - 124	04/10/20 11:10	04/21/20 16:53	50
Dibromofluoromethane (Surr)	102		75 - 120	04/10/20 11:10	04/21/20 16:53	50
Toluene-d8 (Surr)	102		75 - 120	04/10/20 11:10	04/21/20 16:53	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0091		0.076	0.0091	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
2-Methylnaphthalene	<0.0069		0.076	0.0069	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Acenaphthene	<0.0067		0.037	0.0067	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Acenaphthylene	<0.0049		0.037	0.0049	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Anthracene	<0.0063		0.037	0.0063	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Benzo[a]anthracene	<0.0050		0.037	0.0050	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Benzo[a]pyrene	<0.0072		0.037	0.0072	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Benzo[b]fluoranthene	<0.0081		0.037	0.0081	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Chrysene	<0.010		0.037	0.010	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Dibenz(a,h)anthracene	<0.0072		0.037	0.0072	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Fluoranthene	<0.0069		0.037	0.0069	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Fluorene	<0.0053		0.037	0.0053	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Indeno[1,2,3-cd]pyrene	<0.0097		0.037	0.0097	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Naphthalene	<0.0058		0.037	0.0058	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Phenanthrene	<0.0052		0.037	0.0052	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1
Pyrene	<0.0074		0.037	0.0074	mg/Kg	☼	04/22/20 16:18	04/23/20 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		43 - 145	04/22/20 16:18	04/23/20 18:44	1
Nitrobenzene-d5 (Surr)	71		37 - 147	04/22/20 16:18	04/23/20 18:44	1
Terphenyl-d14 (Surr)	127		42 - 157	04/22/20 16:18	04/23/20 18:44	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		0.97	0.33	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1
Barium	42	V	0.97	0.11	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1
Cadmium	0.19	B	0.19	0.035	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1
Chromium	15		0.97	0.48	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-1 (5.5'-7.5')

Lab Sample ID: 500-180587-1

Date Collected: 04/10/20 11:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.1

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.3		0.49	0.22	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1
Selenium	<0.57		0.97	0.57	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1
Silver	0.27	J	0.49	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 08:53	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0060	mg/Kg	☼	04/20/20 13:55	04/21/20 08:31	1

Client Sample ID: 40392-B-2 (4'-6')

Lab Sample ID: 500-180587-2

Date Collected: 04/10/20 10:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.036		0.079	0.036	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,1,1-Trichloroethane	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,1,2,2-Tetrachloroethane	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,1,2-Trichloroethane	<0.028		0.079	0.028	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,1-Dichloroethane	<0.032		0.079	0.032	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,1-Dichloroethene	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,1-Dichloropropene	<0.024		0.079	0.024	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2,3-Trichlorobenzene	<0.036		0.079	0.036	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2,3-Trichloropropane	<0.033		0.16	0.033	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2,4-Trichlorobenzene	<0.027		0.079	0.027	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2,4-Trimethylbenzene	<0.028		0.079	0.028	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2-Dibromo-3-Chloropropane	<0.16		0.39	0.16	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2-Dibromoethane	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2-Dichlorobenzene	<0.026		0.079	0.026	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2-Dichloroethane	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,2-Dichloropropane	<0.034		0.079	0.034	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,3,5-Trimethylbenzene	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,3-Dichlorobenzene	<0.032		0.079	0.032	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,3-Dichloropropane	<0.029		0.079	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
1,4-Dichlorobenzene	<0.029		0.079	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
2,2-Dichloropropane	<0.035		0.079	0.035	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
2-Chlorotoluene	<0.025		0.079	0.025	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
4-Chlorotoluene	<0.028		0.079	0.028	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Benzene	<0.012		0.020	0.012	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Bromobenzene	<0.028		0.079	0.028	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Bromochloromethane	<0.034		0.079	0.034	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Bromodichloromethane	<0.029		0.079	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Bromoform	<0.038		0.079	0.038	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Bromomethane	<0.063	*	0.24	0.063	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Carbon tetrachloride	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Chlorobenzene	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Chloroethane	<0.040		0.079	0.040	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Chloroform	<0.029		0.16	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Chloromethane	<0.025		0.079	0.025	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
cis-1,2-Dichloroethene	<0.032		0.079	0.032	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
cis-1,3-Dichloropropene	<0.033		0.079	0.033	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-2 (4'-6')

Lab Sample ID: 500-180587-2

Date Collected: 04/10/20 10:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<0.039		0.079	0.039	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Dibromomethane	<0.021		0.079	0.021	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Dichlorodifluoromethane	<0.053		0.24	0.053	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Ethylbenzene	<0.014		0.020	0.014	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Hexachlorobutadiene	<0.035		0.079	0.035	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Isopropyl ether	<0.022		0.079	0.022	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Isopropylbenzene	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Methyl tert-butyl ether	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Methylene Chloride	<0.13		0.39	0.13	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Naphthalene	<0.026		0.079	0.026	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
n-Butylbenzene	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
N-Propylbenzene	<0.033		0.079	0.033	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
p-Isopropyltoluene	<0.029		0.079	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
sec-Butylbenzene	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Styrene	<0.030		0.079	0.030	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
tert-Butylbenzene	<0.031		0.079	0.031	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Tetrachloroethene	<0.029		0.079	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Toluene	<0.012		0.020	0.012	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
trans-1,2-Dichloroethene	<0.028		0.079	0.028	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
trans-1,3-Dichloropropene	<0.029		0.079	0.029	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Trichloroethene	<0.013		0.039	0.013	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Trichlorofluoromethane	<0.034		0.079	0.034	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Vinyl chloride	<0.021		0.079	0.021	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50
Xylenes, Total	<0.017		0.039	0.017	mg/Kg	☼	04/10/20 10:40	04/21/20 17:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126	04/10/20 10:40	04/21/20 17:17	50
4-Bromofluorobenzene (Surr)	90		72 - 124	04/10/20 10:40	04/21/20 17:17	50
Dibromofluoromethane (Surr)	102		75 - 120	04/10/20 10:40	04/21/20 17:17	50
Toluene-d8 (Surr)	102		75 - 120	04/10/20 10:40	04/21/20 17:17	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0092		0.076	0.0092	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
2-Methylnaphthalene	<0.0069		0.076	0.0069	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Acenaphthene	<0.0068		0.037	0.0068	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Acenaphthylene	<0.0050		0.037	0.0050	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Anthracene	<0.0063		0.037	0.0063	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Benzo[a]anthracene	<0.0051		0.037	0.0051	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Benzo[a]pyrene	<0.0073		0.037	0.0073	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Benzo[b]fluoranthene	<0.0081		0.037	0.0081	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Chrysene	<0.010		0.037	0.010	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Dibenz(a,h)anthracene	<0.0073		0.037	0.0073	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Fluoranthene	<0.0070		0.037	0.0070	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Fluorene	<0.0053		0.037	0.0053	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Indeno[1,2,3-cd]pyrene	<0.0097		0.037	0.0097	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Naphthalene	<0.0058		0.037	0.0058	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Phenanthrene	<0.0052		0.037	0.0052	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-2 (4'-6')

Lab Sample ID: 500-180587-2

Date Collected: 04/10/20 10:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0075		0.037	0.0075	mg/Kg	☼	04/22/20 16:18	04/23/20 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		43 - 145				04/22/20 16:18	04/23/20 19:13	1
Nitrobenzene-d5 (Surr)	82		37 - 147				04/22/20 16:18	04/23/20 19:13	1
Terphenyl-d14 (Surr)	133		42 - 157				04/22/20 16:18	04/23/20 19:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.7		1.1	0.37	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1
Barium	50		1.1	0.12	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1
Cadmium	0.40	B	0.22	0.039	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1
Chromium	18		1.1	0.54	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1
Lead	22		0.55	0.25	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1
Silver	0.24	J	0.55	0.14	mg/Kg	☼	04/15/20 17:29	04/16/20 09:25	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.017	0.0055	mg/Kg	☼	04/20/20 13:55	04/21/20 08:33	1

Client Sample ID: 40392-B-3 (4'-6')

Lab Sample ID: 500-180587-3

Date Collected: 04/10/20 09:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.039		0.084	0.039	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,1,1-Trichloroethane	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,1,2,2-Tetrachloroethane	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,1,2-Trichloroethane	<0.029		0.084	0.029	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,1-Dichloroethane	<0.034		0.084	0.034	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,1-Dichloroethene	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,1-Dichloropropene	<0.025		0.084	0.025	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2,3-Trichlorobenzene	<0.038		0.084	0.038	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2,3-Trichloropropane	<0.035		0.17	0.035	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2,4-Trichlorobenzene	<0.029		0.084	0.029	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2,4-Trimethylbenzene	<0.030		0.084	0.030	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2-Dibromo-3-Chloropropane	<0.17		0.42	0.17	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2-Dibromoethane	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2-Dichlorobenzene	<0.028		0.084	0.028	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2-Dichloroethane	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,2-Dichloropropane	<0.036		0.084	0.036	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,3,5-Trimethylbenzene	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,3-Dichlorobenzene	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,3-Dichloropropane	<0.030		0.084	0.030	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
1,4-Dichlorobenzene	<0.030		0.084	0.030	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
2,2-Dichloropropane	<0.037		0.084	0.037	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
2-Chlorotoluene	<0.026		0.084	0.026	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
4-Chlorotoluene	<0.029		0.084	0.029	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Benzene	<0.012		0.021	0.012	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-3 (4'-6')

Lab Sample ID: 500-180587-3

Date Collected: 04/10/20 09:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.030		0.084	0.030	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Bromochloromethane	<0.036		0.084	0.036	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Bromodichloromethane	<0.031		0.084	0.031	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Bromoform	<0.040		0.084	0.040	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Bromomethane	<0.067	*	0.25	0.067	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Carbon tetrachloride	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Chlorobenzene	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Chloroethane	<0.042		0.084	0.042	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Chloroform	<0.031		0.17	0.031	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Chloromethane	<0.027		0.084	0.027	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
cis-1,2-Dichloroethene	<0.034		0.084	0.034	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
cis-1,3-Dichloropropene	<0.035		0.084	0.035	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Dibromochloromethane	<0.041		0.084	0.041	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Dibromomethane	<0.023		0.084	0.023	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Dichlorodifluoromethane	<0.056		0.25	0.056	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Ethylbenzene	<0.015		0.021	0.015	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Hexachlorobutadiene	<0.037		0.084	0.037	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Isopropyl ether	<0.023		0.084	0.023	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Isopropylbenzene	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Methyl tert-butyl ether	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Methylene Chloride	<0.14		0.42	0.14	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Naphthalene	<0.028		0.084	0.028	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
n-Butylbenzene	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
N-Propylbenzene	<0.035		0.084	0.035	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
p-Isopropyltoluene	<0.030		0.084	0.030	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
sec-Butylbenzene	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Styrene	<0.032		0.084	0.032	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
tert-Butylbenzene	<0.033		0.084	0.033	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Tetrachloroethene	<0.031		0.084	0.031	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Toluene	<0.012		0.021	0.012	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
trans-1,2-Dichloroethene	<0.029		0.084	0.029	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
trans-1,3-Dichloropropene	<0.030		0.084	0.030	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Trichloroethene	<0.014		0.042	0.014	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Trichlorofluoromethane	<0.036		0.084	0.036	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Vinyl chloride	<0.022		0.084	0.022	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50
Xylenes, Total	<0.018		0.042	0.018	mg/Kg	☼	04/10/20 09:50	04/21/20 17:41	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 126	04/10/20 09:50	04/21/20 17:41	50
4-Bromofluorobenzene (Surr)	90		72 - 124	04/10/20 09:50	04/21/20 17:41	50
Dibromofluoromethane (Surr)	101		75 - 120	04/10/20 09:50	04/21/20 17:41	50
Toluene-d8 (Surr)	103		75 - 120	04/10/20 09:50	04/21/20 17:41	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0092		0.076	0.0092	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
2-Methylnaphthalene	<0.0069		0.076	0.0069	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Acenaphthene	<0.0068		0.037	0.0068	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Acenaphthylene	<0.0050		0.037	0.0050	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Anthracene	<0.0063		0.037	0.0063	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-3 (4'-6')

Lab Sample ID: 500-180587-3

Date Collected: 04/10/20 09:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.0051		0.037	0.0051	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Benzo[a]pyrene	<0.0073		0.037	0.0073	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Benzo[b]fluoranthene	<0.0081		0.037	0.0081	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Chrysene	<0.010		0.037	0.010	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Dibenz(a,h)anthracene	<0.0073		0.037	0.0073	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Fluoranthene	<0.0070		0.037	0.0070	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Fluorene	<0.0053		0.037	0.0053	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Indeno[1,2,3-cd]pyrene	<0.0097		0.037	0.0097	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Naphthalene	<0.0058		0.037	0.0058	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Phenanthrene	<0.0052		0.037	0.0052	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Pyrene	<0.0075		0.037	0.0075	mg/Kg	☼	04/24/20 07:35	04/24/20 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		43 - 145				04/24/20 07:35	04/24/20 22:12	1
Nitrobenzene-d5 (Surr)	73		37 - 147				04/24/20 07:35	04/24/20 22:12	1
Terphenyl-d14 (Surr)	123		42 - 157				04/24/20 07:35	04/24/20 22:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		1.0	0.35	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1
Barium	29		1.0	0.12	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1
Cadmium	0.28	B	0.20	0.037	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1
Chromium	13		1.0	0.51	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1
Lead	12		0.51	0.24	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1
Silver	0.23	J	0.51	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:29	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0059	mg/Kg	☼	04/20/20 13:55	04/21/20 08:35	1

Client Sample ID: 40392-B-4 (4'-6')

Lab Sample ID: 500-180587-4

Date Collected: 04/10/20 14:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.043		0.092	0.043	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,1,1-Trichloroethane	<0.035		0.092	0.035	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,1,2,2-Tetrachloroethane	<0.037		0.092	0.037	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,1,2-Trichloroethane	<0.032		0.092	0.032	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,1-Dichloroethane	<0.038		0.092	0.038	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,1-Dichloroethene	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,1-Dichloropropene	<0.027		0.092	0.027	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2,3-Trichlorobenzene	<0.042		0.092	0.042	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2,3-Trichloropropane	<0.038		0.18	0.038	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2,4-Trichlorobenzene	<0.032		0.092	0.032	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2,4-Trimethylbenzene	<0.033		0.092	0.033	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2-Dibromo-3-Chloropropane	<0.18	*	0.46	0.18	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-4 (4'-6')

Lab Sample ID: 500-180587-4

Date Collected: 04/10/20 14:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2-Dichlorobenzene	<0.031		0.092	0.031	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2-Dichloroethane	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,2-Dichloropropane	<0.039		0.092	0.039	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,3,5-Trimethylbenzene	<0.035		0.092	0.035	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,3-Dichlorobenzene	<0.037		0.092	0.037	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,3-Dichloropropane	<0.033		0.092	0.033	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
1,4-Dichlorobenzene	<0.034		0.092	0.034	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
2,2-Dichloropropane	<0.041		0.092	0.041	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
2-Chlorotoluene	<0.029		0.092	0.029	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
4-Chlorotoluene	<0.032		0.092	0.032	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Benzene	<0.013		0.023	0.013	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Bromobenzene	<0.033		0.092	0.033	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Bromochloromethane	<0.039		0.092	0.039	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Bromodichloromethane	<0.034		0.092	0.034	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Bromoform	<0.045		0.092	0.045	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Bromomethane	<0.073 *		0.28	0.073	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Carbon tetrachloride	<0.035		0.092	0.035	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Chlorobenzene	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Chloroethane	<0.046		0.092	0.046	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Chloroform	<0.034		0.18	0.034	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Chloromethane	<0.029		0.092	0.029	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
cis-1,2-Dichloroethene	<0.038		0.092	0.038	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
cis-1,3-Dichloropropene	<0.038		0.092	0.038	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Dibromochloromethane	<0.045		0.092	0.045	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Dibromomethane	<0.025		0.092	0.025	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Dichlorodifluoromethane	<0.062		0.28	0.062	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Ethylbenzene	<0.017		0.023	0.017	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Hexachlorobutadiene	<0.041		0.092	0.041	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Isopropyl ether	<0.025		0.092	0.025	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Isopropylbenzene	<0.035		0.092	0.035	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Methyl tert-butyl ether	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Methylene Chloride	<0.15		0.46	0.15	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Naphthalene	<0.031		0.092	0.031	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
n-Butylbenzene	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
N-Propylbenzene	<0.038		0.092	0.038	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
p-Isopropyltoluene	<0.033		0.092	0.033	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
sec-Butylbenzene	<0.037		0.092	0.037	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Styrene	<0.036		0.092	0.036	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
tert-Butylbenzene	<0.037		0.092	0.037	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Tetrachloroethene	<0.034		0.092	0.034	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Toluene	<0.014		0.023	0.014	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
trans-1,2-Dichloroethene	<0.032		0.092	0.032	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
trans-1,3-Dichloropropene	<0.033		0.092	0.033	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Trichloroethene	<0.015		0.046	0.015	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Trichlorofluoromethane	<0.039		0.092	0.039	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Vinyl chloride	<0.024		0.092	0.024	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50
Xylenes, Total	<0.020		0.046	0.020	mg/Kg	☼	04/10/20 14:40	04/22/20 01:10	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-4 (4'-6')

Lab Sample ID: 500-180587-4

Date Collected: 04/10/20 14:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		75 - 126	04/10/20 14:40	04/22/20 01:10	50
4-Bromofluorobenzene (Surr)	101		72 - 124	04/10/20 14:40	04/22/20 01:10	50
Dibromofluoromethane (Surr)	99		75 - 120	04/10/20 14:40	04/22/20 01:10	50
Toluene-d8 (Surr)	92		75 - 120	04/10/20 14:40	04/22/20 01:10	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0091		0.076	0.0091	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
2-Methylnaphthalene	<0.0069		0.076	0.0069	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Acenaphthene	<0.0067		0.037	0.0067	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Acenaphthylene	<0.0049		0.037	0.0049	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Anthracene	<0.0063		0.037	0.0063	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Benzo[a]anthracene	<0.0050		0.037	0.0050	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Benzo[a]pyrene	<0.0072		0.037	0.0072	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Benzo[b]fluoranthene	0.0090	J	0.037	0.0081	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Chrysene	<0.010		0.037	0.010	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Dibenz(a,h)anthracene	<0.0072		0.037	0.0072	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Fluoranthene	<0.0069		0.037	0.0069	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Fluorene	<0.0053		0.037	0.0053	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Indeno[1,2,3-cd]pyrene	<0.0097		0.037	0.0097	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Naphthalene	0.0061	J	0.037	0.0058	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Phenanthrene	0.0089	J	0.037	0.0052	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1
Pyrene	0.0092	J	0.037	0.0074	mg/Kg	☼	04/24/20 07:35	04/24/20 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	78		43 - 145	04/24/20 07:35	04/24/20 22:42	1
Nitrobenzene-d5 (Surr)	77		37 - 147	04/24/20 07:35	04/24/20 22:42	1
Terphenyl-d14 (Surr)	117		42 - 157	04/24/20 07:35	04/24/20 22:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		1.0	0.35	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1
Barium	32		1.0	0.12	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1
Cadmium	0.23	B	0.21	0.037	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1
Chromium	12		1.0	0.51	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1
Lead	8.2		0.51	0.24	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1
Silver	0.19	J	0.51	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:33	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.017	0.0055	mg/Kg	☼	04/20/20 13:55	04/21/20 08:37	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Date Collected: 04/10/20 15:05

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.046		0.10	0.046	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,1,1-Trichloroethane	<0.038		0.10	0.038	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,1,2,2-Tetrachloroethane	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,1,2-Trichloroethane	<0.035		0.10	0.035	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,1-Dichloroethane	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,1-Dichloroethene	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,1-Dichloropropene	<0.030		0.10	0.030	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2,3-Trichlorobenzene	<0.046		0.10	0.046	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2,3-Trichloropropane	<0.041		0.20	0.041	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2,4-Trichlorobenzene	<0.034		0.10	0.034	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2,4-Trimethylbenzene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2-Dibromo-3-Chloropropane	<0.20	*	0.50	0.20	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2-Dibromoethane	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2-Dichlorobenzene	<0.033		0.10	0.033	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2-Dichloroethane	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,2-Dichloropropane	<0.043		0.10	0.043	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,3,5-Trimethylbenzene	<0.038		0.10	0.038	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,3-Dichlorobenzene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,3-Dichloropropane	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
1,4-Dichlorobenzene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
2,2-Dichloropropane	<0.044		0.10	0.044	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
2-Chlorotoluene	<0.031		0.10	0.031	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
4-Chlorotoluene	<0.035		0.10	0.035	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Benzene	<0.015		0.025	0.015	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Bromobenzene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Bromochloromethane	<0.043		0.10	0.043	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Bromodichloromethane	<0.037		0.10	0.037	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Bromoform	<0.048		0.10	0.048	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Bromomethane	<0.080	*	0.30	0.080	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Carbon tetrachloride	<0.038		0.10	0.038	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Chlorobenzene	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Chloroethane	<0.050		0.10	0.050	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Chloroform	<0.037		0.20	0.037	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Chloromethane	<0.032		0.10	0.032	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
cis-1,2-Dichloroethene	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
cis-1,3-Dichloropropene	<0.042		0.10	0.042	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Dibromochloromethane	<0.049		0.10	0.049	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Dibromomethane	<0.027		0.10	0.027	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Dichlorodifluoromethane	<0.067		0.30	0.067	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Ethylbenzene	<0.018		0.025	0.018	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Hexachlorobutadiene	<0.045		0.10	0.045	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Isopropyl ether	<0.028		0.10	0.028	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Isopropylbenzene	<0.038		0.10	0.038	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Methyl tert-butyl ether	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Methylene Chloride	<0.16		0.50	0.16	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Naphthalene	<0.033		0.10	0.033	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
n-Butylbenzene	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
N-Propylbenzene	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
p-Isopropyltoluene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Date Collected: 04/10/20 15:05

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Styrene	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
tert-Butylbenzene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Tetrachloroethene	<0.037		0.10	0.037	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Toluene	<0.015		0.025	0.015	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
trans-1,2-Dichloroethene	<0.035		0.10	0.035	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
trans-1,3-Dichloropropene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Trichloroethene	<0.016		0.050	0.016	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Trichlorofluoromethane	<0.043		0.10	0.043	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Vinyl chloride	<0.026		0.10	0.026	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50
Xylenes, Total	<0.022		0.050	0.022	mg/Kg	☼	04/10/20 15:05	04/22/20 01:35	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75 - 126	04/10/20 15:05	04/22/20 01:35	50
4-Bromofluorobenzene (Surr)	101		72 - 124	04/10/20 15:05	04/22/20 01:35	50
Dibromofluoromethane (Surr)	97		75 - 120	04/10/20 15:05	04/22/20 01:35	50
Toluene-d8 (Surr)	92		75 - 120	04/10/20 15:05	04/22/20 01:35	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0093		0.077	0.0093	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
2-Methylnaphthalene	<0.0070		0.077	0.0070	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Acenaphthene	<0.0068		0.038	0.0068	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Acenaphthylene	<0.0050		0.038	0.0050	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Anthracene	<0.0064		0.038	0.0064	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Benzo[a]anthracene	<0.0051		0.038	0.0051	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Benzo[a]pyrene	<0.0074		0.038	0.0074	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Benzo[b]fluoranthene	<0.0082		0.038	0.0082	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Benzo[g,h,i]perylene	<0.012		0.038	0.012	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Benzo[k]fluoranthene	<0.011		0.038	0.011	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Chrysene	<0.010		0.038	0.010	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Dibenz(a,h)anthracene	<0.0074		0.038	0.0074	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Fluoranthene	<0.0071		0.038	0.0071	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Fluorene	<0.0053		0.038	0.0053	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Indeno[1,2,3-cd]pyrene	<0.0099		0.038	0.0099	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Naphthalene	<0.0059		0.038	0.0059	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Phenanthrene	<0.0053		0.038	0.0053	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1
Pyrene	<0.0076		0.038	0.0076	mg/Kg	☼	04/24/20 07:35	04/24/20 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		43 - 145	04/24/20 07:35	04/24/20 23:12	1
Nitrobenzene-d5 (Surr)	82		37 - 147	04/24/20 07:35	04/24/20 23:12	1
Terphenyl-d14 (Surr)	123		42 - 157	04/24/20 07:35	04/24/20 23:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1
PCB-1232	<0.0083		0.019	0.0083	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Date Collected: 04/10/20 15:05

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0075		0.019	0.0075	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1
PCB-1254	<0.0041		0.019	0.0041	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1
PCB-1260	<0.0093		0.019	0.0093	mg/Kg	☼	04/24/20 08:14	04/24/20 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		49 - 129				04/24/20 08:14	04/24/20 18:39	1
DCB Decachlorobiphenyl	113		37 - 121				04/24/20 08:14	04/24/20 18:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		1.0	0.35	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1
Barium	39		1.0	0.12	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1
Cadmium	0.25	B	0.20	0.036	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1
Chromium	15		1.0	0.50	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1
Lead	9.7		0.51	0.23	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1
Selenium	<0.59		1.0	0.59	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1
Silver	0.24	J	0.51	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.018	0.0060	mg/Kg	☼	04/20/20 13:55	04/21/20 08:39	1

Client Sample ID: 40392-B-6 (3'-5')

Lab Sample ID: 500-180587-6

Date Collected: 04/10/20 15:25

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.059		0.13	0.059	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,1,1-Trichloroethane	<0.048		0.13	0.048	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,1,2,2-Tetrachloroethane	<0.051		0.13	0.051	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,1,2-Trichloroethane	<0.045		0.13	0.045	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,1-Dichloroethane	<0.052		0.13	0.052	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,1-Dichloroethene	<0.050		0.13	0.050	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,1-Dichloropropene	<0.038		0.13	0.038	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2,3-Trichlorobenzene	<0.058		0.13	0.058	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2,3-Trichloropropane	<0.053		0.25	0.053	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2,4-Trichlorobenzene	<0.044		0.13	0.044	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2,4-Trimethylbenzene	<0.046		0.13	0.046	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2-Dibromo-3-Chloropropane	<0.25	*	0.64	0.25	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2-Dibromoethane	<0.049		0.13	0.049	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2-Dichlorobenzene	<0.043		0.13	0.043	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2-Dichloroethane	<0.050		0.13	0.050	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,2-Dichloropropane	<0.055		0.13	0.055	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,3,5-Trimethylbenzene	<0.048		0.13	0.048	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,3-Dichlorobenzene	<0.051		0.13	0.051	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,3-Dichloropropane	<0.046		0.13	0.046	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
1,4-Dichlorobenzene	<0.046		0.13	0.046	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
2,2-Dichloropropane	<0.057		0.13	0.057	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
2-Chlorotoluene	<0.040		0.13	0.040	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
4-Chlorotoluene	<0.045		0.13	0.045	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50

Eurolins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-6 (3'-5')

Lab Sample ID: 500-180587-6

Date Collected: 04/10/20 15:25

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.019		0.032	0.019	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Bromobenzene	<0.045		0.13	0.045	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Bromochloromethane	<0.055		0.13	0.055	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Bromodichloromethane	<0.047		0.13	0.047	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Bromoform	<0.062		0.13	0.062	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Bromomethane	<0.10	*	0.38	0.10	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Carbon tetrachloride	<0.049		0.13	0.049	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Chlorobenzene	<0.049		0.13	0.049	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Chloroethane	<0.064		0.13	0.064	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Chloroform	<0.047		0.25	0.047	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Chloromethane	<0.041		0.13	0.041	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
cis-1,2-Dichloroethene	<0.052		0.13	0.052	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
cis-1,3-Dichloropropene	<0.053		0.13	0.053	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Dibromochloromethane	<0.062		0.13	0.062	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Dibromomethane	<0.034		0.13	0.034	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Dichlorodifluoromethane	<0.086		0.38	0.086	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Ethylbenzene	<0.023		0.032	0.023	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Hexachlorobutadiene	<0.057		0.13	0.057	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Isopropyl ether	<0.035		0.13	0.035	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Isopropylbenzene	<0.049		0.13	0.049	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Methyl tert-butyl ether	<0.050		0.13	0.050	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Methylene Chloride	<0.21		0.64	0.21	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Naphthalene	<0.043		0.13	0.043	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
n-Butylbenzene	<0.049		0.13	0.049	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
N-Propylbenzene	<0.053		0.13	0.053	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
p-Isopropyltoluene	<0.046		0.13	0.046	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
sec-Butylbenzene	<0.051		0.13	0.051	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Styrene	<0.049		0.13	0.049	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
tert-Butylbenzene	<0.051		0.13	0.051	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Tetrachloroethene	<0.047		0.13	0.047	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Toluene	<0.019		0.032	0.019	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
trans-1,2-Dichloroethene	<0.045		0.13	0.045	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
trans-1,3-Dichloropropene	<0.046		0.13	0.046	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Trichloroethene	<0.021		0.064	0.021	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Trichlorofluoromethane	<0.055		0.13	0.055	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Vinyl chloride	<0.033		0.13	0.033	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50
Xylenes, Total	<0.028		0.064	0.028	mg/Kg	☼	04/10/20 15:25	04/22/20 02:01	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75 - 126	04/10/20 15:25	04/22/20 02:01	50
4-Bromofluorobenzene (Surr)	99		72 - 124	04/10/20 15:25	04/22/20 02:01	50
Dibromofluoromethane (Surr)	93		75 - 120	04/10/20 15:25	04/22/20 02:01	50
Toluene-d8 (Surr)	93		75 - 120	04/10/20 15:25	04/22/20 02:01	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0090		0.074	0.0090	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
2-Methylnaphthalene	<0.0068		0.074	0.0068	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Acenaphthene	<0.0066		0.037	0.0066	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Acenaphthylene	<0.0048		0.037	0.0048	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-6 (3'-5')

Lab Sample ID: 500-180587-6

Date Collected: 04/10/20 15:25

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<0.0061		0.037	0.0061	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Benzo[a]anthracene	<0.0049		0.037	0.0049	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Benzo[a]pyrene	<0.0071		0.037	0.0071	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Benzo[b]fluoranthene	<0.0079		0.037	0.0079	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Chrysene	<0.010		0.037	0.010	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Dibenz(a,h)anthracene	<0.0071		0.037	0.0071	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Fluoranthene	<0.0068		0.037	0.0068	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Fluorene	<0.0052		0.037	0.0052	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Indeno[1,2,3-cd]pyrene	<0.0095		0.037	0.0095	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Naphthalene	<0.0057		0.037	0.0057	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Phenanthrene	<0.0051		0.037	0.0051	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Pyrene	<0.0073		0.037	0.0073	mg/Kg	☼	04/24/20 07:35	04/24/20 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		43 - 145				04/24/20 07:35	04/24/20 23:41	1
Nitrobenzene-d5 (Surr)	85		37 - 147				04/24/20 07:35	04/24/20 23:41	1
Terphenyl-d14 (Surr)	126		42 - 157				04/24/20 07:35	04/24/20 23:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		0.99	0.34	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1
Barium	36		0.99	0.11	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1
Cadmium	0.26	B	0.20	0.035	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1
Chromium	15		0.99	0.49	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1
Lead	9.0		0.49	0.23	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1
Selenium	<0.58		0.99	0.58	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1
Silver	0.23	J	0.49	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:42	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.018	0.0060	mg/Kg	☼	04/20/20 13:55	04/21/20 08:42	1

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Date Collected: 04/10/20 13:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.047		0.10	0.047	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,1,1-Trichloroethane	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,1,2,2-Tetrachloroethane	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,1,2-Trichloroethane	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,1-Dichloroethane	<0.042		0.10	0.042	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,1-Dichloroethene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,1-Dichloropropene	<0.031		0.10	0.031	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2,3-Trichlorobenzene	<0.047		0.10	0.047	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2,3-Trichloropropane	<0.042		0.20	0.042	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2,4-Trichlorobenzene	<0.035		0.10	0.035	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2,4-Trimethylbenzene	0.11		0.10	0.037	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Date Collected: 04/10/20 13:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.20	*	0.51	0.20	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2-Dibromoethane	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2-Dichlorobenzene	<0.034		0.10	0.034	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2-Dichloroethane	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,2-Dichloropropane	<0.044		0.10	0.044	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,3,5-Trimethylbenzene	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,3-Dichlorobenzene	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,3-Dichloropropane	<0.037		0.10	0.037	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
1,4-Dichlorobenzene	<0.037		0.10	0.037	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
2,2-Dichloropropane	<0.045		0.10	0.045	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
2-Chlorotoluene	<0.032		0.10	0.032	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
4-Chlorotoluene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Benzene	0.077		0.026	0.015	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Bromobenzene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Bromochloromethane	<0.044		0.10	0.044	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Bromodichloromethane	<0.038		0.10	0.038	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Bromoform	<0.050		0.10	0.050	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Bromomethane	<0.081	*	0.31	0.081	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Carbon tetrachloride	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Chlorobenzene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Chloroethane	<0.052		0.10	0.052	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Chloroform	<0.038		0.20	0.038	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Chloromethane	<0.033		0.10	0.033	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
cis-1,2-Dichloroethene	<0.042		0.10	0.042	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
cis-1,3-Dichloropropene	<0.043		0.10	0.043	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Dibromochloromethane	<0.050		0.10	0.050	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Dibromomethane	<0.028		0.10	0.028	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Dichlorodifluoromethane	<0.069		0.31	0.069	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Ethylbenzene	0.051		0.026	0.019	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Hexachlorobutadiene	<0.046		0.10	0.046	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Isopropyl ether	<0.028		0.10	0.028	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Isopropylbenzene	<0.039		0.10	0.039	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Methyl tert-butyl ether	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Methylene Chloride	<0.17		0.51	0.17	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Naphthalene	0.15		0.10	0.034	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
n-Butylbenzene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
N-Propylbenzene	<0.042		0.10	0.042	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
p-Isopropyltoluene	<0.037		0.10	0.037	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
sec-Butylbenzene	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Styrene	<0.040		0.10	0.040	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
tert-Butylbenzene	<0.041		0.10	0.041	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Tetrachloroethene	<0.038		0.10	0.038	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Toluene	0.28		0.026	0.015	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
trans-1,2-Dichloroethene	<0.036		0.10	0.036	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
trans-1,3-Dichloropropene	<0.037		0.10	0.037	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Trichloroethene	<0.017		0.051	0.017	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Trichlorofluoromethane	<0.044		0.10	0.044	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Vinyl chloride	<0.027		0.10	0.027	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50
Xylenes, Total	0.37		0.051	0.023	mg/Kg	☼	04/10/20 13:10	04/22/20 02:26	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Date Collected: 04/10/20 13:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 84.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		75 - 126	04/10/20 13:10	04/22/20 02:26	50
4-Bromofluorobenzene (Surr)	99		72 - 124	04/10/20 13:10	04/22/20 02:26	50
Dibromofluoromethane (Surr)	95		75 - 120	04/10/20 13:10	04/22/20 02:26	50
Toluene-d8 (Surr)	91		75 - 120	04/10/20 13:10	04/22/20 02:26	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.066	J	0.079	0.0095	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
2-Methylnaphthalene	0.074	J	0.079	0.0072	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Acenaphthene	0.10		0.039	0.0070	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Acenaphthylene	0.023	J	0.039	0.0052	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Anthracene	0.19		0.039	0.0065	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Benzo[a]anthracene	0.91		0.039	0.0053	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Benzo[a]pyrene	1.1		0.039	0.0076	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Benzo[b]fluoranthene	1.5		0.039	0.0084	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Benzo[g,h,i]perylene	0.40		0.039	0.013	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Benzo[k]fluoranthene	0.49		0.039	0.012	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Chrysene	1.1		0.039	0.011	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Dibenz(a,h)anthracene	0.13		0.039	0.0076	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Fluoranthene	2.2		0.039	0.0072	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Fluorene	0.083		0.039	0.0055	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Indeno[1,2,3-cd]pyrene	0.37		0.039	0.010	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Naphthalene	0.064		0.039	0.0060	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Phenanthrene	1.4		0.039	0.0054	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1
Pyrene	2.1		0.039	0.0078	mg/Kg	☼	04/24/20 07:35	04/25/20 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		43 - 145	04/24/20 07:35	04/25/20 02:39	1
Nitrobenzene-d5 (Surr)	75		37 - 147	04/24/20 07:35	04/25/20 02:39	1
Terphenyl-d14 (Surr)	104		42 - 157	04/24/20 07:35	04/25/20 02:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		1.1	0.38	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1
Barium	69		1.1	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1
Cadmium	0.41	B	0.22	0.040	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1
Chromium	17		1.1	0.54	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1
Lead	140		0.55	0.25	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1
Selenium	<0.65		1.1	0.65	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1
Silver	0.28	J	0.55	0.14	mg/Kg	☼	04/15/20 17:29	04/16/20 09:46	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.066		0.019	0.0064	mg/Kg	☼	04/20/20 13:55	04/21/20 08:44	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-8 (9'-11')

Lab Sample ID: 500-180587-8

Date Collected: 04/10/20 14:20

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.041		0.088	0.041	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,1,1-Trichloroethane	0.18		0.088	0.033	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,1,2,2-Tetrachloroethane	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,1,2-Trichloroethane	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,1-Dichloroethane	<0.036		0.088	0.036	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,1-Dichloroethene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,1-Dichloropropene	<0.026		0.088	0.026	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2,3-Trichlorobenzene	<0.040		0.088	0.040	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2,3-Trichloropropane	<0.036		0.18	0.036	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2,4-Trichlorobenzene	<0.030		0.088	0.030	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2-Dibromo-3-Chloropropane	<0.17	*	0.44	0.17	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2-Dibromoethane	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2-Dichlorobenzene	<0.029		0.088	0.029	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2-Dichloroethane	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,2-Dichloropropane	<0.038		0.088	0.038	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,3,5-Trimethylbenzene	14		0.088	0.033	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,3-Dichlorobenzene	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,3-Dichloropropane	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
1,4-Dichlorobenzene	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
2,2-Dichloropropane	<0.039		0.088	0.039	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
2-Chlorotoluene	<0.028		0.088	0.028	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
4-Chlorotoluene	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Benzene	0.13		0.022	0.013	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Bromobenzene	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Bromochloromethane	<0.038		0.088	0.038	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Bromodichloromethane	<0.033		0.088	0.033	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Bromoform	<0.043		0.088	0.043	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Bromomethane	<0.070	*	0.26	0.070	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Carbon tetrachloride	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Chlorobenzene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Chloroethane	<0.044		0.088	0.044	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Chloroform	<0.032		0.18	0.032	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Chloromethane	<0.028		0.088	0.028	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
cis-1,2-Dichloroethene	0.052	J	0.088	0.036	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
cis-1,3-Dichloropropane	<0.037		0.088	0.037	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Dibromochloromethane	<0.043		0.088	0.043	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Dibromomethane	<0.024		0.088	0.024	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Dichlorodifluoromethane	<0.059		0.26	0.059	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Ethylbenzene	5.6		0.022	0.016	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Hexachlorobutadiene	<0.039		0.088	0.039	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Isopropyl ether	<0.024		0.088	0.024	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Isopropylbenzene	1.8		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Methyl tert-butyl ether	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Methylene Chloride	<0.14		0.44	0.14	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Naphthalene	3.9		0.088	0.029	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
n-Butylbenzene	10		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
N-Propylbenzene	4.2		0.088	0.036	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
p-Isopropyltoluene	5.1		0.088	0.032	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
sec-Butylbenzene	3.8		0.088	0.035	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-8 (9'-11')

Lab Sample ID: 500-180587-8

Date Collected: 04/10/20 14:20

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
tert-Butylbenzene	0.38		0.088	0.035	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Tetrachloroethene	0.15		0.088	0.032	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Toluene	0.23		0.022	0.013	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
trans-1,2-Dichloroethene	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
trans-1,3-Dichloropropene	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Trichloroethene	2.2		0.044	0.014	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Trichlorofluoromethane	<0.038		0.088	0.038	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Vinyl chloride	<0.023		0.088	0.023	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50
Xylenes, Total	15		0.044	0.019	mg/Kg	☼	04/10/20 14:20	04/22/20 03:42	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		75 - 126	04/10/20 14:20	04/22/20 03:42	50
4-Bromofluorobenzene (Surr)	112		72 - 124	04/10/20 14:20	04/22/20 03:42	50
Dibromofluoromethane (Surr)	92		75 - 120	04/10/20 14:20	04/22/20 03:42	50
Toluene-d8 (Surr)	98		75 - 120	04/10/20 14:20	04/22/20 03:42	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	34		0.88	0.31	mg/Kg	☼	04/10/20 14:20	04/22/20 17:27	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 126	04/10/20 14:20	04/22/20 17:27	500
4-Bromofluorobenzene (Surr)	84		72 - 124	04/10/20 14:20	04/22/20 17:27	500
Dibromofluoromethane (Surr)	108		75 - 120	04/10/20 14:20	04/22/20 17:27	500
Toluene-d8 (Surr)	101		75 - 120	04/10/20 14:20	04/22/20 17:27	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.77		0.074	0.0090	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
2-Methylnaphthalene	1.1		0.074	0.0068	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Acenaphthene	0.47		0.037	0.0066	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Acenaphthylene	0.052		0.037	0.0049	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Anthracene	0.55		0.037	0.0062	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Benzo[a]anthracene	0.83		0.037	0.0050	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Benzo[a]pyrene	0.87		0.037	0.0071	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Benzo[b]fluoranthene	0.95		0.037	0.0079	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Benzo[g,h,i]perylene	0.28		0.037	0.012	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Benzo[k]fluoranthene	0.32		0.037	0.011	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Chrysene	0.84		0.037	0.010	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Dibenz(a,h)anthracene	0.097		0.037	0.0071	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Fluoranthene	2.2		0.037	0.0068	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Fluorene	0.48		0.037	0.0052	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Indeno[1,2,3-cd]pyrene	0.27		0.037	0.0095	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Naphthalene	2.1		0.037	0.0057	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Phenanthrene	2.4		0.037	0.0051	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1
Pyrene	1.8		0.037	0.0073	mg/Kg	☼	04/24/20 07:35	04/25/20 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		43 - 145	04/24/20 07:35	04/25/20 00:11	1
Nitrobenzene-d5 (Surr)	48		37 - 147	04/24/20 07:35	04/25/20 00:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-8 (9'-11')

Lab Sample ID: 500-180587-8

Date Collected: 04/10/20 14:20

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 89.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	92		42 - 157	04/24/20 07:35	04/25/20 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0063		0.018	0.0063	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1
PCB-1221	<0.0078		0.018	0.0078	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1
PCB-1232	<0.0078		0.018	0.0078	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1
PCB-1242	<0.0059		0.018	0.0059	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1
PCB-1248	<0.0070		0.018	0.0070	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1
PCB-1254	0.13		0.018	0.0038	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1
PCB-1260	<0.0088		0.018	0.0088	mg/Kg	☼	04/24/20 08:14	04/24/20 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		49 - 129	04/24/20 08:14	04/24/20 19:25	1
DCB Decachlorobiphenyl	84		37 - 121	04/24/20 08:14	04/24/20 19:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		0.99	0.34	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1
Barium	34		0.99	0.11	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1
Cadmium	0.38	B	0.20	0.036	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1
Chromium	15		0.99	0.49	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1
Lead	22		0.49	0.23	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1
Selenium	<0.58		0.99	0.58	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1
Silver	0.18	J	0.49	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091		0.017	0.0056	mg/Kg	☼	04/20/20 13:55	04/21/20 08:50	1

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Date Collected: 04/10/20 16:00

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.051		0.11	0.051	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,1,1-Trichloroethane	0.077	J	0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,1,1,2-Tetrachloroethane	<0.044		0.11	0.044	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,1,2-Trichloroethane	<0.039		0.11	0.039	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,1-Dichloroethane	<0.045		0.11	0.045	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,1-Dichloroethene	<0.043		0.11	0.043	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,1-Dichloropropene	<0.033		0.11	0.033	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2,3-Trichlorobenzene	<0.050		0.11	0.050	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2,3-Trichloropropane	<0.046		0.22	0.046	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2,4-Trichlorobenzene	<0.038		0.11	0.038	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2,4-Trimethylbenzene	0.35		0.11	0.039	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2-Dibromo-3-Chloropropane	<0.22	*	0.55	0.22	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2-Dibromoethane	<0.042		0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2-Dichlorobenzene	<0.037		0.11	0.037	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Date Collected: 04/10/20 16:00

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.043		0.11	0.043	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,2-Dichloropropane	<0.047		0.11	0.047	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,3,5-Trimethylbenzene	0.080	J	0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,3-Dichlorobenzene	<0.044		0.11	0.044	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,3-Dichloropropane	<0.040		0.11	0.040	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
1,4-Dichlorobenzene	<0.040		0.11	0.040	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
2,2-Dichloropropane	<0.049		0.11	0.049	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
2-Chlorotoluene	<0.035		0.11	0.035	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
4-Chlorotoluene	<0.039		0.11	0.039	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Benzene	0.046		0.028	0.016	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Bromobenzene	<0.039		0.11	0.039	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Bromochloromethane	<0.047		0.11	0.047	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Bromodichloromethane	<0.041		0.11	0.041	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Bromoform	<0.053		0.11	0.053	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Bromomethane	<0.088	*	0.33	0.088	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Carbon tetrachloride	<0.042		0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Chlorobenzene	<0.042		0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Chloroethane	<0.055		0.11	0.055	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Chloroform	<0.041		0.22	0.041	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Chloromethane	<0.035		0.11	0.035	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
cis-1,2-Dichloroethene	<0.045		0.11	0.045	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
cis-1,3-Dichloropropene	<0.046		0.11	0.046	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Dibromochloromethane	<0.054		0.11	0.054	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Dibromomethane	<0.030		0.11	0.030	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Dichlorodifluoromethane	<0.074		0.33	0.074	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Ethylbenzene	0.13		0.028	0.020	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Hexachlorobutadiene	<0.049		0.11	0.049	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Isopropyl ether	<0.030		0.11	0.030	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Isopropylbenzene	0.11		0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Methyl tert-butyl ether	<0.043		0.11	0.043	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Methylene Chloride	<0.18		0.55	0.18	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Naphthalene	0.70		0.11	0.037	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
n-Butylbenzene	0.059	J	0.11	0.043	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
N-Propylbenzene	0.13		0.11	0.046	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
p-Isopropyltoluene	<0.040		0.11	0.040	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
sec-Butylbenzene	0.045	J	0.11	0.044	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Styrene	<0.042		0.11	0.042	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
tert-Butylbenzene	<0.044		0.11	0.044	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Tetrachloroethene	<0.041		0.11	0.041	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Toluene	0.29		0.028	0.016	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
trans-1,2-Dichloroethene	<0.039		0.11	0.039	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
trans-1,3-Dichloropropene	<0.040		0.11	0.040	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Trichloroethene	0.16		0.055	0.018	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Trichlorofluoromethane	<0.047		0.11	0.047	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Vinyl chloride	<0.029		0.11	0.029	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50
Xylenes, Total	1.0		0.055	0.024	mg/Kg	☼	04/10/20 16:00	04/22/20 03:16	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75 - 126	04/10/20 16:00	04/22/20 03:16	50
4-Bromofluorobenzene (Surr)	99		72 - 124	04/10/20 16:00	04/22/20 03:16	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Date Collected: 04/10/20 16:00

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	94		75 - 120	04/10/20 16:00	04/22/20 03:16	50
Toluene-d8 (Surr)	92		75 - 120	04/10/20 16:00	04/22/20 03:16	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.69		0.076	0.0092	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
2-Methylnaphthalene	0.84		0.076	0.0070	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Acenaphthene	0.041		0.038	0.0068	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Acenaphthylene	<0.0050		0.038	0.0050	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Anthracene	0.074		0.038	0.0063	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Benzo[a]anthracene	0.30		0.038	0.0051	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Benzo[a]pyrene	0.32		0.038	0.0073	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Benzo[b]fluoranthene	0.57		0.038	0.0082	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Benzo[g,h,i]perylene	0.13		0.038	0.012	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Benzo[k]fluoranthene	0.14		0.038	0.011	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Chrysene	0.45		0.038	0.010	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Dibenz(a,h)anthracene	0.053		0.038	0.0073	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Fluoranthene	0.55		0.038	0.0070	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Fluorene	0.031	J	0.038	0.0053	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Indeno[1,2,3-cd]pyrene	0.12		0.038	0.0098	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Naphthalene	0.67		0.038	0.0058	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Phenanthrene	0.67		0.038	0.0053	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1
Pyrene	0.50		0.038	0.0075	mg/Kg	☼	04/24/20 07:35	04/25/20 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	98		43 - 145	04/24/20 07:35	04/25/20 00:41	1
Nitrobenzene-d5 (Surr)	84		37 - 147	04/24/20 07:35	04/25/20 00:41	1
Terphenyl-d14 (Surr)	107		42 - 157	04/24/20 07:35	04/25/20 00:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		5.7	2.0	mg/Kg	☼	04/15/20 17:29	04/16/20 10:09	5
Barium	53		1.1	0.13	mg/Kg	☼	04/15/20 17:29	04/16/20 09:53	1
Cadmium	<0.21		1.1	0.21	mg/Kg	☼	04/15/20 17:29	04/16/20 10:09	5
Chromium	35		1.1	0.57	mg/Kg	☼	04/15/20 17:29	04/16/20 09:53	1
Lead	56		2.9	1.3	mg/Kg	☼	04/15/20 17:29	04/16/20 10:09	5
Selenium	<0.67		1.1	0.67	mg/Kg	☼	04/15/20 17:29	04/16/20 09:53	1
Silver	0.72		0.57	0.15	mg/Kg	☼	04/15/20 17:29	04/16/20 09:53	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070		0.019	0.0062	mg/Kg	☼	04/20/20 13:55	04/21/20 08:52	1

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Date Collected: 04/10/20 16:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.041		0.088	0.041	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50

Eurolins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Date Collected: 04/10/20 16:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,1,2,2-Tetrachloroethane	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,1,2-Trichloroethane	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,1-Dichloroethane	<0.036		0.088	0.036	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,1-Dichloroethene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,1-Dichloropropene	<0.026		0.088	0.026	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2,3-Trichlorobenzene	<0.040		0.088	0.040	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2,3-Trichloropropane	<0.037		0.18	0.037	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2,4-Trichlorobenzene	<0.030		0.088	0.030	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2,4-Trimethylbenzene	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2-Dibromo-3-Chloropropane	<0.18	*	0.44	0.18	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2-Dibromoethane	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2-Dichlorobenzene	<0.030		0.088	0.030	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2-Dichloroethane	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,2-Dichloropropane	<0.038		0.088	0.038	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,3,5-Trimethylbenzene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,3-Dichlorobenzene	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,3-Dichloropropane	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
1,4-Dichlorobenzene	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
2,2-Dichloropropane	<0.039		0.088	0.039	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
2-Chlorotoluene	<0.028		0.088	0.028	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
4-Chlorotoluene	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Benzene	<0.013		0.022	0.013	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Bromobenzene	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Bromochloromethane	<0.038		0.088	0.038	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Bromodichloromethane	<0.033		0.088	0.033	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Bromoform	<0.043		0.088	0.043	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Bromomethane	<0.070	*	0.27	0.070	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Carbon tetrachloride	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Chlorobenzene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Chloroethane	<0.045		0.088	0.045	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Chloroform	<0.033		0.18	0.033	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Chloromethane	<0.028		0.088	0.028	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
cis-1,2-Dichloroethene	<0.036		0.088	0.036	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
cis-1,3-Dichloropropene	<0.037		0.088	0.037	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Dibromochloromethane	<0.043		0.088	0.043	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Dibromomethane	<0.024		0.088	0.024	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Dichlorodifluoromethane	<0.060		0.27	0.060	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Ethylbenzene	<0.016		0.022	0.016	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Hexachlorobutadiene	<0.039		0.088	0.039	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Isopropyl ether	<0.024		0.088	0.024	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Isopropylbenzene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Methyl tert-butyl ether	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Methylene Chloride	<0.14		0.44	0.14	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Naphthalene	<0.030		0.088	0.030	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
n-Butylbenzene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
N-Propylbenzene	<0.037		0.088	0.037	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
p-Isopropyltoluene	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
sec-Butylbenzene	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Date Collected: 04/10/20 16:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.034		0.088	0.034	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
tert-Butylbenzene	<0.035		0.088	0.035	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Tetrachloroethene	<0.033		0.088	0.033	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Toluene	<0.013		0.022	0.013	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
trans-1,2-Dichloroethene	<0.031		0.088	0.031	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
trans-1,3-Dichloropropene	<0.032		0.088	0.032	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Trichloroethene	<0.014		0.044	0.014	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Trichlorofluoromethane	<0.038		0.088	0.038	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Vinyl chloride	<0.023		0.088	0.023	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50
Xylenes, Total	<0.019		0.044	0.019	mg/Kg	☼	04/10/20 16:50	04/22/20 02:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75 - 126	04/10/20 16:50	04/22/20 02:51	50
4-Bromofluorobenzene (Surr)	98		72 - 124	04/10/20 16:50	04/22/20 02:51	50
Dibromofluoromethane (Surr)	95		75 - 120	04/10/20 16:50	04/22/20 02:51	50
Toluene-d8 (Surr)	90		75 - 120	04/10/20 16:50	04/22/20 02:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0087		0.072	0.0087	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
2-Methylnaphthalene	<0.0066		0.072	0.0066	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Acenaphthene	<0.0064		0.035	0.0064	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Acenaphthylene	<0.0047		0.035	0.0047	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Anthracene	<0.0060		0.035	0.0060	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Benzo[a]anthracene	0.012	J	0.035	0.0048	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Benzo[a]pyrene	<0.0069		0.035	0.0069	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Benzo[b]fluoranthene	<0.0077		0.035	0.0077	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Benzo[g,h,i]perylene	<0.012		0.035	0.012	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Benzo[k]fluoranthene	<0.011		0.035	0.011	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Chrysene	<0.0097		0.035	0.0097	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Dibenz(a,h)anthracene	<0.0069		0.035	0.0069	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Fluoranthene	<0.0066		0.035	0.0066	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Fluorene	<0.0050		0.035	0.0050	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Indeno[1,2,3-cd]pyrene	<0.0093		0.035	0.0093	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Naphthalene	<0.0055		0.035	0.0055	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Phenanthrene	<0.0050		0.035	0.0050	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1
Pyrene	0.011	J	0.035	0.0071	mg/Kg	☼	04/24/20 07:35	04/25/20 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	97		43 - 145	04/24/20 07:35	04/25/20 01:11	1
Nitrobenzene-d5 (Surr)	86		37 - 147	04/24/20 07:35	04/25/20 01:11	1
Terphenyl-d14 (Surr)	111		42 - 157	04/24/20 07:35	04/25/20 01:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		0.95	0.33	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1
Barium	23		0.95	0.11	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1
Cadmium	0.57	B	0.19	0.034	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1
Chromium	12		0.95	0.47	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1
Lead	9.5		0.48	0.22	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Date Collected: 04/10/20 16:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 90.8

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.56		0.95	0.56	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1
Silver	0.21	J	0.48	0.12	mg/Kg	☼	04/15/20 17:29	04/16/20 09:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0078	J	0.016	0.0054	mg/Kg	☼	04/20/20 13:55	04/21/20 08:54	1



Definitions/Glossary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
V	Serial Dilution exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

GC/MS VOA

Prep Batch: 538558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	5035	
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	5035	
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	5035	
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	5035	
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	5035	
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	5035	
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	5035	
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	5035	
500-180587-8 - DL	40392-B-8 (9'-11')	Total/NA	Solid	5035	
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	5035	
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	5035	
LB3 500-538558/11-A	Method Blank	Total/NA	Solid	5035	
LCS 500-538558/12-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 539012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	8260B	538558
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	8260B	538558
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	8260B	538558
LB3 500-538558/11-A	Method Blank	Total/NA	Solid	8260B	538558
MB 500-539012/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-538558/12-A	Lab Control Sample	Total/NA	Solid	8260B	538558
LCS 500-539012/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 539158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	8260B	538558
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	8260B	538558
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	8260B	538558
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	8260B	538558
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	8260B	538558
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	8260B	538558
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	8260B	538558
MB 500-539158/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-539158/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 539221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-8 - DL	40392-B-8 (9'-11')	Total/NA	Solid	8260B	538558
MB 500-539221/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-539221/4	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 539345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	3541	
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	3541	
MB 500-539345/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-539345/2-A	Lab Control Sample	Total/NA	Solid	3541	

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

GC/MS Semi VOA

Analysis Batch: 539494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	8270D	539345
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	8270D	539345
MB 500-539345/1-A	Method Blank	Total/NA	Solid	8270D	539345
LCS 500-539345/2-A	Lab Control Sample	Total/NA	Solid	8270D	539345

Prep Batch: 539625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	3541	
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	3541	
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	3541	
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	3541	
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	3541	
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	3541	
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	3541	
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	3541	
MB 500-539625/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-539625/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 539715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	8270D	539625
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	8270D	539625
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	8270D	539625
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	8270D	539625
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	8270D	539625
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	8270D	539625
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	8270D	539625
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	8270D	539625
MB 500-539625/1-A	Method Blank	Total/NA	Solid	8270D	539625
LCS 500-539625/2-A	Lab Control Sample	Total/NA	Solid	8270D	539625

GC Semi VOA

Prep Batch: 539634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	3541	
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	3541	
MB 500-539634/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-539634/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-180587-5 MS	40392-B-5 (3'-5')	Total/NA	Solid	3541	
500-180587-5 MSD	40392-B-5 (3'-5')	Total/NA	Solid	3541	

Analysis Batch: 539664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	8082A	539634
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	8082A	539634
MB 500-539634/1-A	Method Blank	Total/NA	Solid	8082A	539634
LCS 500-539634/2-A	Lab Control Sample	Total/NA	Solid	8082A	539634
500-180587-5 MS	40392-B-5 (3'-5')	Total/NA	Solid	8082A	539634
500-180587-5 MSD	40392-B-5 (3'-5')	Total/NA	Solid	8082A	539634

Eurofins TestAmerica, Chicago

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Metals

Prep Batch: 538296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	3050B	
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	3050B	
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	3050B	
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	3050B	
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	3050B	
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	3050B	
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	3050B	
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	3050B	
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	3050B	
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	3050B	
MB 500-538296/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-538296/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-180587-1 MS	40392-B-1 (5.5'-7.5')	Total/NA	Solid	3050B	
500-180587-1 MSD	40392-B-1 (5.5'-7.5')	Total/NA	Solid	3050B	
500-180587-1 DU	40392-B-1 (5.5'-7.5')	Total/NA	Solid	3050B	

Analysis Batch: 538485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	6010B	538296
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	6010B	538296
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	6010B	538296
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	6010B	538296
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	6010B	538296
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	6010B	538296
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	6010B	538296
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	6010B	538296
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	6010B	538296
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	6010B	538296
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	6010B	538296
MB 500-538296/1-A	Method Blank	Total/NA	Solid	6010B	538296
LCS 500-538296/2-A	Lab Control Sample	Total/NA	Solid	6010B	538296
500-180587-1 MS	40392-B-1 (5.5'-7.5')	Total/NA	Solid	6010B	538296
500-180587-1 MSD	40392-B-1 (5.5'-7.5')	Total/NA	Solid	6010B	538296
500-180587-1 DU	40392-B-1 (5.5'-7.5')	Total/NA	Solid	6010B	538296

Prep Batch: 538861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	7471A	
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	7471A	
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	7471A	
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	7471A	
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	7471A	
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	7471A	
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	7471A	
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	7471A	
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	7471A	
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	7471A	
MB 500-538861/12-A	Method Blank	Total/NA	Solid	7471A	
LCS 500-538861/13-A	Lab Control Sample	Total/NA	Solid	7471A	

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Metals

Analysis Batch: 539069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	7471A	538861
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	7471A	538861
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	7471A	538861
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	7471A	538861
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	7471A	538861
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	7471A	538861
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	7471A	538861
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	7471A	538861
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	7471A	538861
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	7471A	538861
MB 500-538861/12-A	Method Blank	Total/NA	Solid	7471A	538861
LCS 500-538861/13-A	Lab Control Sample	Total/NA	Solid	7471A	538861

General Chemistry

Analysis Batch: 538055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180587-1	40392-B-1 (5.5'-7.5')	Total/NA	Solid	Moisture	
500-180587-2	40392-B-2 (4'-6')	Total/NA	Solid	Moisture	
500-180587-3	40392-B-3 (4'-6')	Total/NA	Solid	Moisture	
500-180587-4	40392-B-4 (4'-6')	Total/NA	Solid	Moisture	
500-180587-5	40392-B-5 (3'-5')	Total/NA	Solid	Moisture	
500-180587-6	40392-B-6 (3'-5')	Total/NA	Solid	Moisture	
500-180587-7	40392-B-7 (3'-5')	Total/NA	Solid	Moisture	
500-180587-8	40392-B-8 (9'-11')	Total/NA	Solid	Moisture	
500-180587-9	40392-B-9 (4'-6')	Total/NA	Solid	Moisture	
500-180587-10	40392-B-12 (3.5'-5.5')	Total/NA	Solid	Moisture	
500-180587-1 DU	40392-B-1 (5.5'-7.5')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-180587-1	40392-B-1 (5.5'-7.5')	101	91	102	102
500-180587-2	40392-B-2 (4'-6')	101	90	102	102
500-180587-3	40392-B-3 (4'-6')	102	90	101	103
500-180587-4	40392-B-4 (4'-6')	86	101	99	92
500-180587-5	40392-B-5 (3'-5')	88	101	97	92
500-180587-6	40392-B-6 (3'-5')	88	99	93	93
500-180587-7	40392-B-7 (3'-5')	87	99	95	91
500-180587-8	40392-B-8 (9'-11')	84	112	92	98
500-180587-8 - DL	40392-B-8 (9'-11')	105	84	108	101
500-180587-9	40392-B-9 (4'-6')	88	99	94	92
500-180587-10	40392-B-12 (3.5'-5.5')	88	98	95	90
LB3 500-538558/11-A	Method Blank	105	91	105	101
LCS 500-538558/12-A	Lab Control Sample	103	90	107	100
LCS 500-539012/4	Lab Control Sample	96	91	101	105
LCS 500-539158/4	Lab Control Sample	85	88	102	89
LCS 500-539221/4	Lab Control Sample	96	90	102	103
MB 500-539012/6	Method Blank	101	91	102	103
MB 500-539158/6	Method Blank	89	105	100	93
MB 500-539221/6	Method Blank	98	90	100	101

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-180587-1	40392-B-1 (5.5'-7.5')	79	71	127
500-180587-2	40392-B-2 (4'-6')	92	82	133
500-180587-3	40392-B-3 (4'-6')	83	73	123
500-180587-4	40392-B-4 (4'-6')	78	77	117
500-180587-5	40392-B-5 (3'-5')	86	82	123
500-180587-6	40392-B-6 (3'-5')	92	85	126
500-180587-7	40392-B-7 (3'-5')	87	75	104
500-180587-8	40392-B-8 (9'-11')	90	48	92
500-180587-9	40392-B-9 (4'-6')	98	84	107
500-180587-10	40392-B-12 (3.5'-5.5')	97	86	111
LCS 500-539345/2-A	Lab Control Sample	104	95	122
LCS 500-539625/2-A	Lab Control Sample	104	100	129
MB 500-539345/1-A	Method Blank	108	96	138
MB 500-539625/1-A	Method Blank	102	88	135

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Eurofins TestAmerica, Chicago

Surrogate Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2	DCBP2
		(49-129)	(37-121)
500-180587-5	40392-B-5 (3'-5')	94	113
500-180587-5 MS	40392-B-5 (3'-5')	98	113
500-180587-5 MSD	40392-B-5 (3'-5')	89	108
500-180587-8	40392-B-8 (9'-11')	85	84
LCS 500-539634/2-A	Lab Control Sample	100	115
MB 500-539634/1-A	Method Blank	91	111

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LB3 500-538558/11-A
Matrix: Solid
Analysis Batch: 539012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538558

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Bromoform	<0.024		0.050	0.024	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Chloroform	<0.019		0.10	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LB3 500-538558/11-A
Matrix: Solid
Analysis Batch: 539012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538558

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Styrene	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		04/17/20 00:20	04/21/20 18:05	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		04/17/20 00:20	04/21/20 18:05	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	105		75 - 126	04/17/20 00:20	04/21/20 18:05	50
4-Bromofluorobenzene (Surr)	91		72 - 124	04/17/20 00:20	04/21/20 18:05	50
Dibromofluoromethane (Surr)	105		75 - 120	04/17/20 00:20	04/21/20 18:05	50
Toluene-d8 (Surr)	101		75 - 120	04/17/20 00:20	04/21/20 18:05	50

Lab Sample ID: LCS 500-538558/12-A
Matrix: Solid
Analysis Batch: 539012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	2.50	2.59		mg/Kg		104	70 - 125
1,1,1,2-Tetrachloroethane	2.50	2.85		mg/Kg		114	62 - 140
1,1,2-Trichloroethane	2.50	2.82		mg/Kg		113	71 - 130
1,1-Dichloroethane	2.50	2.55		mg/Kg		102	70 - 125
1,1-Dichloroethene	2.50	2.47		mg/Kg		99	67 - 122
1,1-Dichloropropene	2.50	2.52		mg/Kg		101	70 - 121
1,2,3-Trichlorobenzene	2.50	2.82		mg/Kg		113	51 - 145
1,2,3-Trichloropropane	2.50	2.73		mg/Kg		109	50 - 133
1,2,4-Trichlorobenzene	2.50	2.66		mg/Kg		106	57 - 137
1,2,4-Trimethylbenzene	2.50	2.61		mg/Kg		104	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	2.47		mg/Kg		99	56 - 123
1,2-Dibromoethane	2.50	3.00		mg/Kg		120	70 - 125
1,2-Dichlorobenzene	2.50	2.82		mg/Kg		113	70 - 125
1,2-Dichloroethane	2.50	2.77		mg/Kg		111	68 - 127
1,2-Dichloropropane	2.50	2.62		mg/Kg		105	67 - 130
1,3,5-Trimethylbenzene	2.50	2.58		mg/Kg		103	70 - 123
1,3-Dichlorobenzene	2.50	2.71		mg/Kg		108	70 - 125
1,3-Dichloropropane	2.50	2.79		mg/Kg		112	62 - 136
1,4-Dichlorobenzene	2.50	2.70		mg/Kg		108	70 - 120
2,2-Dichloropropane	2.50	2.50		mg/Kg		100	58 - 139
2-Chlorotoluene	2.50	2.61		mg/Kg		104	70 - 125
4-Chlorotoluene	2.50	2.58		mg/Kg		103	68 - 124
Benzene	2.50	2.88		mg/Kg		115	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LCS 500-538558/12-A
Matrix: Solid
Analysis Batch: 539012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.71		mg/Kg		108	70 - 122
Bromochloromethane	2.50	2.88		mg/Kg		115	65 - 122
Bromodichloromethane	2.50	2.80		mg/Kg		112	69 - 120
Bromoform	2.50	2.87		mg/Kg		115	56 - 132
Bromomethane	2.50	4.28	*	mg/Kg		171	40 - 152
Carbon tetrachloride	2.50	2.42		mg/Kg		97	59 - 133
Chlorobenzene	2.50	2.84		mg/Kg		113	70 - 120
Chloroethane	2.50	3.30		mg/Kg		132	48 - 136
Chloroform	2.50	2.80		mg/Kg		112	70 - 120
Chloromethane	2.50	1.46		mg/Kg		58	56 - 152
cis-1,2-Dichloroethene	2.50	2.91		mg/Kg		116	70 - 125
cis-1,3-Dichloropropene	2.50	2.76		mg/Kg		110	64 - 127
Dibromochloromethane	2.50	2.78		mg/Kg		111	68 - 125
Dibromomethane	2.50	3.01		mg/Kg		120	70 - 120
Dichlorodifluoromethane	2.50	1.19		mg/Kg		48	40 - 159
Ethylbenzene	2.50	2.73		mg/Kg		109	70 - 123
Hexachlorobutadiene	2.50	2.33		mg/Kg		93	51 - 150
Isopropylbenzene	2.50	2.53		mg/Kg		101	70 - 126
Methyl tert-butyl ether	2.50	2.95		mg/Kg		118	55 - 123
Methylene Chloride	2.50	2.99		mg/Kg		119	69 - 125
Naphthalene	2.50	2.80		mg/Kg		112	53 - 144
n-Butylbenzene	2.50	2.53		mg/Kg		101	68 - 125
N-Propylbenzene	2.50	2.57		mg/Kg		103	69 - 127
p-Isopropyltoluene	2.50	2.46		mg/Kg		98	70 - 125
sec-Butylbenzene	2.50	2.51		mg/Kg		101	70 - 123
Styrene	2.50	2.82		mg/Kg		113	70 - 120
tert-Butylbenzene	2.50	2.44		mg/Kg		98	70 - 121
Tetrachloroethene	2.50	2.60		mg/Kg		104	70 - 128
Toluene	2.50	2.74		mg/Kg		110	70 - 125
trans-1,2-Dichloroethene	2.50	2.77		mg/Kg		111	70 - 125
trans-1,3-Dichloropropene	2.50	2.69		mg/Kg		107	62 - 128
Trichloroethene	2.50	2.70		mg/Kg		108	70 - 125
Trichlorofluoromethane	2.50	2.28		mg/Kg		91	55 - 128
Vinyl chloride	2.50	1.84		mg/Kg		74	64 - 126
Xylenes, Total	5.00	5.49		mg/Kg		110	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		75 - 126
4-Bromofluorobenzene (Surr)	90		72 - 124
Dibromofluoromethane (Surr)	107		75 - 120
Toluene-d8 (Surr)	100		75 - 120

Lab Sample ID: MB 500-539012/6
Matrix: Solid
Analysis Batch: 539012

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			04/21/20 09:42	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539012/6
Matrix: Solid
Analysis Batch: 539012

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 09:42	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 09:42	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			04/21/20 09:42	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			04/21/20 09:42	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			04/21/20 09:42	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			04/21/20 09:42	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			04/21/20 09:42	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			04/21/20 09:42	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 09:42	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			04/21/20 09:42	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			04/21/20 09:42	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			04/21/20 09:42	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 09:42	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 09:42	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 09:42	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 09:42	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			04/21/20 09:42	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			04/21/20 09:42	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			04/21/20 09:42	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			04/21/20 09:42	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 09:42	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			04/21/20 09:42	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			04/21/20 09:42	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			04/21/20 09:42	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			04/21/20 09:42	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 09:42	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			04/21/20 09:42	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			04/21/20 09:42	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			04/21/20 09:42	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			04/21/20 09:42	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			04/21/20 09:42	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			04/21/20 09:42	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			04/21/20 09:42	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			04/21/20 09:42	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			04/21/20 09:42	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			04/21/20 09:42	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			04/21/20 09:42	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 09:42	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			04/21/20 09:42	1
Naphthalene	0.000415	J	0.0010	0.00033	mg/Kg			04/21/20 09:42	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			04/21/20 09:42	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 09:42	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 09:42	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539012/6
Matrix: Solid
Analysis Batch: 539012

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 09:42	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 09:42	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			04/21/20 09:42	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			04/21/20 09:42	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			04/21/20 09:42	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 09:42	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			04/21/20 09:42	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			04/21/20 09:42	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			04/21/20 09:42	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			04/21/20 09:42	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		04/21/20 09:42	1
4-Bromofluorobenzene (Surr)	91		72 - 124		04/21/20 09:42	1
Dibromofluoromethane (Surr)	102		75 - 120		04/21/20 09:42	1
Toluene-d8 (Surr)	103		75 - 120		04/21/20 09:42	1

Lab Sample ID: LCS 500-539012/4
Matrix: Solid
Analysis Batch: 539012

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,1,1-Trichloroethane	0.0500	0.0496		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0450		mg/Kg		90	62 - 140
1,1,2-Trichloroethane	0.0500	0.0466		mg/Kg		93	71 - 130
1,1-Dichloroethane	0.0500	0.0451		mg/Kg		90	70 - 125
1,1-Dichloroethene	0.0500	0.0522		mg/Kg		104	67 - 122
1,1-Dichloropropene	0.0500	0.0483		mg/Kg		97	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0468		mg/Kg		94	51 - 145
1,2,3-Trichloropropane	0.0500	0.0430		mg/Kg		86	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0466		mg/Kg		93	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0464		mg/Kg		93	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0407		mg/Kg		81	56 - 123
1,2-Dibromoethane	0.0500	0.0472		mg/Kg		94	70 - 125
1,2-Dichlorobenzene	0.0500	0.0471		mg/Kg		94	70 - 125
1,2-Dichloroethane	0.0500	0.0445		mg/Kg		89	68 - 127
1,2-Dichloropropane	0.0500	0.0435		mg/Kg		87	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0473		mg/Kg		95	70 - 123
1,3-Dichlorobenzene	0.0500	0.0476		mg/Kg		95	70 - 125
1,3-Dichloropropane	0.0500	0.0463		mg/Kg		93	62 - 136
1,4-Dichlorobenzene	0.0500	0.0463		mg/Kg		93	70 - 120
2,2-Dichloropropane	0.0500	0.0492		mg/Kg		98	58 - 139
2-Chlorotoluene	0.0500	0.0459		mg/Kg		92	70 - 125
4-Chlorotoluene	0.0500	0.0464		mg/Kg		93	68 - 124
Benzene	0.0500	0.0489		mg/Kg		98	70 - 120
Bromobenzene	0.0500	0.0449		mg/Kg		90	70 - 122
Bromochloromethane	0.0500	0.0468		mg/Kg		94	65 - 122

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LCS 500-539012/4
Matrix: Solid
Analysis Batch: 539012

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	0.0500	0.0456		mg/Kg		91	69 - 120
Bromoform	0.0500	0.0485		mg/Kg		97	56 - 132
Bromomethane	0.0500	0.0795	*	mg/Kg		159	40 - 152
Carbon tetrachloride	0.0500	0.0492		mg/Kg		98	59 - 133
Chlorobenzene	0.0500	0.0488		mg/Kg		98	70 - 120
Chloroethane	0.0500	0.0617		mg/Kg		123	48 - 136
Chloroform	0.0500	0.0467		mg/Kg		93	70 - 120
Chloromethane	0.0500	0.0317		mg/Kg		63	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0498		mg/Kg		100	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0475		mg/Kg		95	64 - 127
Dibromochloromethane	0.0500	0.0456		mg/Kg		91	68 - 125
Dibromomethane	0.0500	0.0479		mg/Kg		96	70 - 120
Dichlorodifluoromethane	0.0500	0.0352		mg/Kg		70	40 - 159
Ethylbenzene	0.0500	0.0515		mg/Kg		103	70 - 123
Hexachlorobutadiene	0.0500	0.0463		mg/Kg		93	51 - 150
Isopropylbenzene	0.0500	0.0481		mg/Kg		96	70 - 126
Methyl tert-butyl ether	0.0500	0.0471		mg/Kg		94	55 - 123
Methylene Chloride	0.0500	0.0495		mg/Kg		99	69 - 125
Naphthalene	0.0500	0.0442		mg/Kg		88	53 - 144
n-Butylbenzene	0.0500	0.0501		mg/Kg		100	68 - 125
N-Propylbenzene	0.0500	0.0486		mg/Kg		97	69 - 127
p-Isopropyltoluene	0.0500	0.0470		mg/Kg		94	70 - 125
sec-Butylbenzene	0.0500	0.0487		mg/Kg		97	70 - 123
Styrene	0.0500	0.0477		mg/Kg		95	70 - 120
tert-Butylbenzene	0.0500	0.0465		mg/Kg		93	70 - 121
Tetrachloroethene	0.0500	0.0529		mg/Kg		106	70 - 128
Toluene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0509		mg/Kg		102	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0451		mg/Kg		90	62 - 128
Trichloroethene	0.0500	0.0479		mg/Kg		96	70 - 125
Trichlorofluoromethane	0.0500	0.0509		mg/Kg		102	55 - 128
Vinyl chloride	0.0500	0.0407		mg/Kg		81	64 - 126
Xylenes, Total	0.100	0.0987		mg/Kg		99	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
4-Bromofluorobenzene (Surr)	91		72 - 124
Dibromofluoromethane (Surr)	101		75 - 120
Toluene-d8 (Surr)	105		75 - 120

Lab Sample ID: MB 500-539158/6
Matrix: Solid
Analysis Batch: 539158

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			04/21/20 22:39	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 22:39	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 22:39	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539158/6

Matrix: Solid

Analysis Batch: 539158

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			04/21/20 22:39	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			04/21/20 22:39	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			04/21/20 22:39	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			04/21/20 22:39	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			04/21/20 22:39	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			04/21/20 22:39	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 22:39	1
1,2-Dibromo-3-Chloropropane	<0.00020		0.0050	0.0020	mg/Kg			04/21/20 22:39	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			04/21/20 22:39	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			04/21/20 22:39	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 22:39	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 22:39	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 22:39	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 22:39	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			04/21/20 22:39	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			04/21/20 22:39	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			04/21/20 22:39	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			04/21/20 22:39	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 22:39	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			04/21/20 22:39	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			04/21/20 22:39	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			04/21/20 22:39	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			04/21/20 22:39	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 22:39	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			04/21/20 22:39	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			04/21/20 22:39	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			04/21/20 22:39	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			04/21/20 22:39	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			04/21/20 22:39	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			04/21/20 22:39	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			04/21/20 22:39	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			04/21/20 22:39	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			04/21/20 22:39	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			04/21/20 22:39	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			04/21/20 22:39	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/21/20 22:39	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			04/21/20 22:39	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			04/21/20 22:39	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			04/21/20 22:39	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 22:39	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 22:39	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			04/21/20 22:39	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/21/20 22:39	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539158/6
Matrix: Solid
Analysis Batch: 539158

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			04/21/20 22:39	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			04/21/20 22:39	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			04/21/20 22:39	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			04/21/20 22:39	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			04/21/20 22:39	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			04/21/20 22:39	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			04/21/20 22:39	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			04/21/20 22:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		04/21/20 22:39	1
4-Bromofluorobenzene (Surr)	105		72 - 124		04/21/20 22:39	1
Dibromofluoromethane (Surr)	100		75 - 120		04/21/20 22:39	1
Toluene-d8 (Surr)	93		75 - 120		04/21/20 22:39	1

Lab Sample ID: LCS 500-539158/4
Matrix: Solid
Analysis Batch: 539158

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	0.0436		mg/Kg		87	70 - 125
1,1,1-Trichloroethane	0.0500	0.0509		mg/Kg		102	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0382		mg/Kg		76	62 - 140
1,1,2-Trichloroethane	0.0500	0.0389		mg/Kg		78	71 - 130
1,1-Dichloroethane	0.0500	0.0456		mg/Kg		91	70 - 125
1,1-Dichloroethene	0.0500	0.0497		mg/Kg		99	67 - 122
1,1-Dichloropropene	0.0500	0.0458		mg/Kg		92	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0405		mg/Kg		81	51 - 145
1,2,3-Trichloropropane	0.0500	0.0393		mg/Kg		79	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0417		mg/Kg		83	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0422		mg/Kg		84	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0250	*	mg/Kg		50	56 - 123
1,2-Dibromoethane	0.0500	0.0435		mg/Kg		87	70 - 125
1,2-Dichlorobenzene	0.0500	0.0443		mg/Kg		89	70 - 125
1,2-Dichloroethane	0.0500	0.0400		mg/Kg		80	68 - 127
1,2-Dichloropropane	0.0500	0.0425		mg/Kg		85	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0426		mg/Kg		85	70 - 123
1,3-Dichlorobenzene	0.0500	0.0455		mg/Kg		91	70 - 125
1,3-Dichloropropane	0.0500	0.0395		mg/Kg		79	62 - 136
1,4-Dichlorobenzene	0.0500	0.0449		mg/Kg		90	70 - 120
2,2-Dichloropropane	0.0500	0.0463		mg/Kg		93	58 - 139
2-Chlorotoluene	0.0500	0.0407		mg/Kg		81	70 - 125
4-Chlorotoluene	0.0500	0.0413		mg/Kg		83	68 - 124
Benzene	0.0500	0.0457		mg/Kg		91	70 - 120
Bromobenzene	0.0500	0.0447		mg/Kg		89	70 - 122
Bromochloromethane	0.0500	0.0540		mg/Kg		108	65 - 122
Bromodichloromethane	0.0500	0.0399		mg/Kg		80	69 - 120
Bromoform	0.0500	0.0383		mg/Kg		77	56 - 132

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LCS 500-539158/4
Matrix: Solid
Analysis Batch: 539158

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	0.0500	0.0862	*	mg/Kg		172	40 - 152
Carbon tetrachloride	0.0500	0.0480		mg/Kg		96	59 - 133
Chlorobenzene	0.0500	0.0470		mg/Kg		94	70 - 120
Chloroethane	0.0500	0.0608		mg/Kg		122	48 - 136
Chloroform	0.0500	0.0474		mg/Kg		95	70 - 120
Chloromethane	0.0500	0.0483		mg/Kg		97	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0520		mg/Kg		104	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0349		mg/Kg		70	64 - 127
Dibromochloromethane	0.0500	0.0393		mg/Kg		79	68 - 125
Dibromomethane	0.0500	0.0445		mg/Kg		89	70 - 120
Dichlorodifluoromethane	0.0500	0.0392		mg/Kg		78	40 - 159
Ethylbenzene	0.0500	0.0482		mg/Kg		96	70 - 123
Hexachlorobutadiene	0.0500	0.0454		mg/Kg		91	51 - 150
Isopropylbenzene	0.0500	0.0419		mg/Kg		84	70 - 126
Methyl tert-butyl ether	0.0500	0.0407		mg/Kg		81	55 - 123
Methylene Chloride	0.0500	0.0485		mg/Kg		97	69 - 125
Naphthalene	0.0500	0.0372		mg/Kg		74	53 - 144
n-Butylbenzene	0.0500	0.0427		mg/Kg		85	68 - 125
N-Propylbenzene	0.0500	0.0428		mg/Kg		86	69 - 127
p-Isopropyltoluene	0.0500	0.0452		mg/Kg		90	70 - 125
sec-Butylbenzene	0.0500	0.0439		mg/Kg		88	70 - 123
Styrene	0.0500	0.0464		mg/Kg		93	70 - 120
tert-Butylbenzene	0.0500	0.0425		mg/Kg		85	70 - 121
Tetrachloroethene	0.0500	0.0464		mg/Kg		93	70 - 128
Toluene	0.0500	0.0404		mg/Kg		81	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0526		mg/Kg		105	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0349		mg/Kg		70	62 - 128
Trichloroethene	0.0500	0.0492		mg/Kg		98	70 - 125
Trichlorofluoromethane	0.0500	0.0492		mg/Kg		98	55 - 128
Vinyl chloride	0.0500	0.0525		mg/Kg		105	64 - 126
Xylenes, Total	0.100	0.0880		mg/Kg		88	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		75 - 126
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	102		75 - 120
Toluene-d8 (Surr)	89		75 - 120

Lab Sample ID: MB 500-539221/6
Matrix: Solid
Analysis Batch: 539221

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			04/22/20 10:14	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			04/22/20 10:14	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			04/22/20 10:14	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			04/22/20 10:14	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			04/22/20 10:14	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539221/6
Matrix: Solid
Analysis Batch: 539221

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			04/22/20 10:14	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			04/22/20 10:14	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			04/22/20 10:14	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			04/22/20 10:14	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			04/22/20 10:14	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			04/22/20 10:14	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			04/22/20 10:14	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			04/22/20 10:14	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/22/20 10:14	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			04/22/20 10:14	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			04/22/20 10:14	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/22/20 10:14	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			04/22/20 10:14	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			04/22/20 10:14	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			04/22/20 10:14	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			04/22/20 10:14	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/22/20 10:14	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			04/22/20 10:14	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			04/22/20 10:14	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			04/22/20 10:14	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			04/22/20 10:14	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			04/22/20 10:14	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			04/22/20 10:14	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			04/22/20 10:14	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			04/22/20 10:14	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			04/22/20 10:14	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			04/22/20 10:14	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			04/22/20 10:14	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			04/22/20 10:14	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			04/22/20 10:14	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			04/22/20 10:14	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			04/22/20 10:14	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			04/22/20 10:14	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/22/20 10:14	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			04/22/20 10:14	1
Naphthalene	0.000441	J	0.0010	0.00033	mg/Kg			04/22/20 10:14	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			04/22/20 10:14	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			04/22/20 10:14	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/22/20 10:14	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			04/22/20 10:14	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/22/20 10:14	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			04/22/20 10:14	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			04/22/20 10:14	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539221/6
Matrix: Solid
Analysis Batch: 539221

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			04/22/20 10:14	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			04/22/20 10:14	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			04/22/20 10:14	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			04/22/20 10:14	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			04/22/20 10:14	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			04/22/20 10:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		04/22/20 10:14	1
4-Bromofluorobenzene (Surr)	90		72 - 124		04/22/20 10:14	1
Dibromofluoromethane (Surr)	100		75 - 120		04/22/20 10:14	1
Toluene-d8 (Surr)	101		75 - 120		04/22/20 10:14	1

Lab Sample ID: LCS 500-539221/4
Matrix: Solid
Analysis Batch: 539221

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	0.0478		mg/Kg		96	70 - 125
1,1,1-Trichloroethane	0.0500	0.0484		mg/Kg		97	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0449		mg/Kg		90	62 - 140
1,1,2-Trichloroethane	0.0500	0.0464		mg/Kg		93	71 - 130
1,1-Dichloroethane	0.0500	0.0447		mg/Kg		89	70 - 125
1,1-Dichloroethene	0.0500	0.0508		mg/Kg		102	67 - 122
1,1-Dichloropropene	0.0500	0.0480		mg/Kg		96	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0449		mg/Kg		90	51 - 145
1,2,3-Trichloropropane	0.0500	0.0442		mg/Kg		88	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0460		mg/Kg		92	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0454		mg/Kg		91	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0377		mg/Kg		75	56 - 123
1,2-Dibromoethane	0.0500	0.0481		mg/Kg		96	70 - 125
1,2-Dichlorobenzene	0.0500	0.0465		mg/Kg		93	70 - 125
1,2-Dichloroethane	0.0500	0.0448		mg/Kg		90	68 - 127
1,2-Dichloropropane	0.0500	0.0431		mg/Kg		86	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0456		mg/Kg		91	70 - 123
1,3-Dichlorobenzene	0.0500	0.0460		mg/Kg		92	70 - 125
1,3-Dichloropropane	0.0500	0.0452		mg/Kg		90	62 - 136
1,4-Dichlorobenzene	0.0500	0.0455		mg/Kg		91	70 - 120
2,2-Dichloropropane	0.0500	0.0470		mg/Kg		94	58 - 139
2-Chlorotoluene	0.0500	0.0449		mg/Kg		90	70 - 125
4-Chlorotoluene	0.0500	0.0447		mg/Kg		89	68 - 124
Benzene	0.0500	0.0489		mg/Kg		98	70 - 120
Bromobenzene	0.0500	0.0452		mg/Kg		90	70 - 122
Bromochloromethane	0.0500	0.0460		mg/Kg		92	65 - 122
Bromodichloromethane	0.0500	0.0451		mg/Kg		90	69 - 120
Bromoform	0.0500	0.0467		mg/Kg		93	56 - 132
Bromomethane	0.0500	0.0618		mg/Kg		124	40 - 152
Carbon tetrachloride	0.0500	0.0476		mg/Kg		95	59 - 133

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LCS 500-539221/4
 Matrix: Solid
 Analysis Batch: 539221

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	0.0500	0.0477		mg/Kg		95	70 - 120
Chloroethane	0.0500	0.0570		mg/Kg		114	48 - 136
Chloroform	0.0500	0.0467		mg/Kg		93	70 - 120
Chloromethane	0.0500	0.0280		mg/Kg		56	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0497		mg/Kg		99	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0458		mg/Kg		92	64 - 127
Dibromochloromethane	0.0500	0.0449		mg/Kg		90	68 - 125
Dibromomethane	0.0500	0.0481		mg/Kg		96	70 - 120
Dichlorodifluoromethane	0.0500	0.0297		mg/Kg		59	40 - 159
Ethylbenzene	0.0500	0.0492		mg/Kg		98	70 - 123
Hexachlorobutadiene	0.0500	0.0443		mg/Kg		89	51 - 150
Isopropylbenzene	0.0500	0.0463		mg/Kg		93	70 - 126
Methyl tert-butyl ether	0.0500	0.0469		mg/Kg		94	55 - 123
Methylene Chloride	0.0500	0.0494		mg/Kg		99	69 - 125
Naphthalene	0.0500	0.0425		mg/Kg		85	53 - 144
n-Butylbenzene	0.0500	0.0484		mg/Kg		97	68 - 125
N-Propylbenzene	0.0500	0.0470		mg/Kg		94	69 - 127
p-Isopropyltoluene	0.0500	0.0450		mg/Kg		90	70 - 125
sec-Butylbenzene	0.0500	0.0477		mg/Kg		95	70 - 123
Styrene	0.0500	0.0474		mg/Kg		95	70 - 120
tert-Butylbenzene	0.0500	0.0452		mg/Kg		90	70 - 121
Tetrachloroethene	0.0500	0.0508		mg/Kg		102	70 - 128
Toluene	0.0500	0.0487		mg/Kg		97	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0509		mg/Kg		102	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0449		mg/Kg		90	62 - 128
Trichloroethene	0.0500	0.0474		mg/Kg		95	70 - 125
Trichlorofluoromethane	0.0500	0.0471		mg/Kg		94	55 - 128
Vinyl chloride	0.0500	0.0384		mg/Kg		77	64 - 126
Xylenes, Total	0.100	0.0958		mg/Kg		96	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
4-Bromofluorobenzene (Surr)	90		72 - 124
Dibromofluoromethane (Surr)	102		75 - 120
Toluene-d8 (Surr)	103		75 - 120

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

Lab Sample ID: MB 500-539345/1-A
 Matrix: Solid
 Analysis Batch: 539494

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 539345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Anthracene	<0.0056		0.033	0.0056	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		04/22/20 16:18	04/23/20 13:18	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539345/1-A
Matrix: Solid
Analysis Batch: 539494

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 539345

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		04/22/20 16:18	04/23/20 13:18	1
Pyrene	<0.0066		0.033	0.0066	mg/Kg		04/22/20 16:18	04/23/20 13:18	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	108		43 - 145	04/22/20 16:18	04/23/20 13:18	1
Nitrobenzene-d5 (Surr)	96		37 - 147	04/22/20 16:18	04/23/20 13:18	1
Terphenyl-d14 (Surr)	138		42 - 157	04/22/20 16:18	04/23/20 13:18	1

Lab Sample ID: LCS 500-539345/2-A
Matrix: Solid
Analysis Batch: 539494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 539345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2-Methylnaphthalene	1.33	1.30		mg/Kg		97	69 - 112
Acenaphthene	1.33	1.44		mg/Kg		108	65 - 124
Acenaphthylene	1.33	1.41		mg/Kg		106	68 - 120
Anthracene	1.33	1.50		mg/Kg		112	70 - 114
Benzo[a]anthracene	1.33	1.48		mg/Kg		111	67 - 122
Benzo[a]pyrene	1.33	1.43		mg/Kg		107	65 - 133
Benzo[b]fluoranthene	1.33	1.35		mg/Kg		101	69 - 129
Benzo[g,h,i]perylene	1.33	1.61		mg/Kg		121	72 - 131
Benzo[k]fluoranthene	1.33	1.38		mg/Kg		104	68 - 127
Chrysene	1.33	1.41		mg/Kg		106	63 - 120
Dibenz(a,h)anthracene	1.33	1.46		mg/Kg		109	64 - 131
Fluoranthene	1.33	1.43		mg/Kg		108	62 - 120
Fluorene	1.33	1.42		mg/Kg		106	62 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.44		mg/Kg		108	68 - 130
Naphthalene	1.33	1.33		mg/Kg		100	63 - 110
Phenanthrene	1.33	1.47		mg/Kg		111	62 - 120
Pyrene	1.33	1.67		mg/Kg		125	61 - 128

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	104		43 - 145
Nitrobenzene-d5 (Surr)	95		37 - 147
Terphenyl-d14 (Surr)	122		42 - 157

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: MB 500-539625/1-A
Matrix: Solid
Analysis Batch: 539715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 539625

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Anthracene	<0.0056		0.033	0.0056	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		04/24/20 07:35	04/24/20 20:13	1
Pyrene	<0.0066		0.033	0.0066	mg/Kg		04/24/20 07:35	04/24/20 20:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	102		43 - 145	04/24/20 07:35	04/24/20 20:13	1
Nitrobenzene-d5 (Surr)	88		37 - 147	04/24/20 07:35	04/24/20 20:13	1
Terphenyl-d14 (Surr)	135		42 - 157	04/24/20 07:35	04/24/20 20:13	1

Lab Sample ID: LCS 500-539625/2-A
Matrix: Solid
Analysis Batch: 539715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 539625

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
1-Methylnaphthalene	1.33	1.29		mg/Kg		96	68 - 111
2-Methylnaphthalene	1.33	1.29		mg/Kg		97	69 - 112
Acenaphthene	1.33	1.39		mg/Kg		104	65 - 124
Acenaphthylene	1.33	1.36		mg/Kg		102	68 - 120
Anthracene	1.33	1.36		mg/Kg		102	70 - 114
Benzo[a]anthracene	1.33	1.41		mg/Kg		106	67 - 122
Benzo[a]pyrene	1.33	1.44		mg/Kg		108	65 - 133
Benzo[b]fluoranthene	1.33	1.41		mg/Kg		106	69 - 129
Benzo[g,h,i]perylene	1.33	1.71		mg/Kg		128	72 - 131
Benzo[k]fluoranthene	1.33	1.45		mg/Kg		109	68 - 127
Chrysene	1.33	1.34		mg/Kg		101	63 - 120
Dibenz(a,h)anthracene	1.33	1.48		mg/Kg		111	64 - 131
Fluoranthene	1.33	1.35		mg/Kg		101	62 - 120
Fluorene	1.33	1.37		mg/Kg		102	62 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.48		mg/Kg		111	68 - 130
Naphthalene	1.33	1.31		mg/Kg		98	63 - 110
Phenanthrene	1.33	1.47		mg/Kg		110	62 - 120
Pyrene	1.33	1.67		mg/Kg		125	61 - 128

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: LCS 500-539625/2-A
Matrix: Solid
Analysis Batch: 539715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 539625

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	104		43 - 145
Nitrobenzene-d5 (Surr)	100		37 - 147
Terphenyl-d14 (Surr)	129		42 - 157

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

Lab Sample ID: MB 500-539634/1-A
Matrix: Solid
Analysis Batch: 539664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 539634

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		04/24/20 08:14	04/24/20 18:08	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		04/24/20 08:14	04/24/20 18:08	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		04/24/20 08:14	04/24/20 18:08	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		04/24/20 08:14	04/24/20 18:08	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		04/24/20 08:14	04/24/20 18:08	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		04/24/20 08:14	04/24/20 18:08	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		04/24/20 08:14	04/24/20 18:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	91		49 - 129	04/24/20 08:14	04/24/20 18:08	1
DCB Decachlorobiphenyl	111		37 - 121	04/24/20 08:14	04/24/20 18:08	1

Lab Sample ID: LCS 500-539634/2-A
Matrix: Solid
Analysis Batch: 539664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 539634

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.178		mg/Kg		107	57 - 120
PCB-1260	0.167	0.180		mg/Kg		108	61 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	100		49 - 129
DCB Decachlorobiphenyl	115		37 - 121

Lab Sample ID: 500-180587-5 MS
Matrix: Solid
Analysis Batch: 539664

Client Sample ID: 40392-B-5 (3'-5')
Prep Type: Total/NA
Prep Batch: 539634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
PCB-1016	<0.0067		0.190	0.201		mg/Kg	☼	106	57 - 120
PCB-1260	<0.0093		0.190	0.200		mg/Kg	☼	105	61 - 125

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	98		49 - 129
DCB Decachlorobiphenyl	113		37 - 121

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

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

Lab Sample ID: 500-180587-5 MSD
Matrix: Solid
Analysis Batch: 539664

Client Sample ID: 40392-B-5 (3'-5')
Prep Type: Total/NA
Prep Batch: 539634

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
PCB-1016	<0.0067		0.192	0.193		mg/Kg	☼	101	57 - 120	4	30
PCB-1260	<0.0093		0.192	0.190		mg/Kg	☼	99	61 - 125	5	30
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	89		49 - 129								
DCB Decachlorobiphenyl	108		37 - 121								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-538296/1-A
Matrix: Solid
Analysis Batch: 538485

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538296

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.34		1.0	0.34	mg/Kg		04/15/20 17:29	04/16/20 08:29	1
Barium	<0.11		1.0	0.11	mg/Kg		04/15/20 17:29	04/16/20 08:29	1
Cadmium	0.0373	J	0.20	0.036	mg/Kg		04/15/20 17:29	04/16/20 08:29	1
Chromium	<0.50		1.0	0.50	mg/Kg		04/15/20 17:29	04/16/20 08:29	1
Lead	<0.23		0.50	0.23	mg/Kg		04/15/20 17:29	04/16/20 08:29	1
Selenium	<0.59		1.0	0.59	mg/Kg		04/15/20 17:29	04/16/20 08:29	1
Silver	<0.13		0.50	0.13	mg/Kg		04/15/20 17:29	04/16/20 08:29	1

Lab Sample ID: LCS 500-538296/2-A
Matrix: Solid
Analysis Batch: 538485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Barium	200	186		mg/Kg		93	80 - 120	
Cadmium	5.00	4.60		mg/Kg		92	80 - 120	
Chromium	20.0	19.2		mg/Kg		96	80 - 120	
Lead	10.0	9.18		mg/Kg		92	80 - 120	
Selenium	10.0	8.22		mg/Kg		82	80 - 120	
Silver	5.00	4.46		mg/Kg		89	80 - 120	

Lab Sample ID: 500-180587-1 MS
Matrix: Solid
Analysis Batch: 538485

Client Sample ID: 40392-B-1 (5.5'-7.5')
Prep Type: Total/NA
Prep Batch: 538296

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Arsenic	5.0		9.87	15.0		mg/Kg	☼	101	75 - 125	
Barium	42	V	197	219		mg/Kg	☼	90	75 - 125	
Cadmium	0.19	B	4.94	4.77		mg/Kg	☼	93	75 - 125	
Chromium	15		19.7	34.7		mg/Kg	☼	101	75 - 125	
Lead	9.3		9.87	19.2		mg/Kg	☼	100	75 - 125	
Selenium	<0.57		9.87	8.15		mg/Kg	☼	83	75 - 125	
Silver	0.27	J	4.94	4.92		mg/Kg	☼	94	75 - 125	

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-180587-1 MSD
Matrix: Solid
Analysis Batch: 538485

Client Sample ID: 40392-B-1 (5.5'-7.5')
Prep Type: Total/NA
Prep Batch: 538296

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Arsenic	5.0		9.66	15.5		mg/Kg	☼	108	75 - 125	3	20
Barium	42	V	193	218		mg/Kg	☼	91	75 - 125	0	20
Cadmium	0.19	B	4.83	4.69		mg/Kg	☼	93	75 - 125	2	20
Chromium	15		19.3	34.6		mg/Kg	☼	102	75 - 125	0	20
Lead	9.3		9.66	20.7		mg/Kg	☼	118	75 - 125	8	20
Selenium	<0.57		9.66	7.92		mg/Kg	☼	82	75 - 125	3	20
Silver	0.27	J	4.83	4.65		mg/Kg	☼	91	75 - 125	6	20

Lab Sample ID: 500-180587-1 DU
Matrix: Solid
Analysis Batch: 538485

Client Sample ID: 40392-B-1 (5.5'-7.5')
Prep Type: Total/NA
Prep Batch: 538296

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier		Result				
Arsenic	5.0		4.77		mg/Kg	☼	5	20
Barium	42	V	40.9		mg/Kg	☼	3	20
Cadmium	0.19	B	0.227		mg/Kg	☼	20	20
Chromium	15		15.8		mg/Kg	☼	6	20
Lead	9.3		9.79		mg/Kg	☼	5	20
Selenium	<0.57		<0.59		mg/Kg	☼	NC	20
Silver	0.27	J	0.319	J	mg/Kg	☼	16	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-538861/12-A
Matrix: Solid
Analysis Batch: 539069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538861

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.0056		0.017	0.0056	mg/Kg		04/20/20 13:55	04/21/20 08:27	1

Lab Sample ID: LCS 500-538861/13-A
Matrix: Solid
Analysis Batch: 539069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538861

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
Mercury	0.167	0.172		mg/Kg		103	80 - 120

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-1 (5.5'-7.5')

Lab Sample ID: 500-180587-1

Date Collected: 04/10/20 11:10

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-1 (5.5'-7.5')

Lab Sample ID: 500-180587-1

Date Collected: 04/10/20 11:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539012	04/21/20 16:53	JDD	TAL CHI
Total/NA	Prep	3541			539345	04/22/20 16:18	ACK	TAL CHI
Total/NA	Analysis	8270D		1	539494	04/23/20 18:44	AJD	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 08:53	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:31	MJG	TAL CHI

Client Sample ID: 40392-B-2 (4'-6')

Lab Sample ID: 500-180587-2

Date Collected: 04/10/20 10:40

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-2 (4'-6')

Lab Sample ID: 500-180587-2

Date Collected: 04/10/20 10:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 10:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539012	04/21/20 17:17	JDD	TAL CHI
Total/NA	Prep	3541			539345	04/22/20 16:18	ACK	TAL CHI
Total/NA	Analysis	8270D		1	539494	04/23/20 19:13	AJD	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:25	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:33	MJG	TAL CHI

Client Sample ID: 40392-B-3 (4'-6')

Lab Sample ID: 500-180587-3

Date Collected: 04/10/20 09:50

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-3 (4'-6')

Lab Sample ID: 500-180587-3

Date Collected: 04/10/20 09:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 09:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539012	04/21/20 17:41	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/24/20 22:12	SS	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:29	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:35	MJG	TAL CHI

Client Sample ID: 40392-B-4 (4'-6')

Lab Sample ID: 500-180587-4

Date Collected: 04/10/20 14:40

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-4 (4'-6')

Lab Sample ID: 500-180587-4

Date Collected: 04/10/20 14:40

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 14:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 01:10	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/24/20 22:42	SS	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:33	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:37	MJG	TAL CHI

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Date Collected: 04/10/20 15:05

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Date Collected: 04/10/20 15:05

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 15:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 01:35	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/24/20 23:12	SS	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-5 (3'-5')

Lab Sample ID: 500-180587-5

Date Collected: 04/10/20 15:05

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			539634	04/24/20 08:14	BSO	TAL CHI
Total/NA	Analysis	8082A		1	539664	04/24/20 18:39	BJH	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:38	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:39	MJG	TAL CHI

Client Sample ID: 40392-B-6 (3'-5')

Lab Sample ID: 500-180587-6

Date Collected: 04/10/20 15:25

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-6 (3'-5')

Lab Sample ID: 500-180587-6

Date Collected: 04/10/20 15:25

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 15:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 02:01	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/24/20 23:41	SS	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:42	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:42	MJG	TAL CHI

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Date Collected: 04/10/20 13:10

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Date Collected: 04/10/20 13:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 13:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 02:26	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/25/20 02:39	SS	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:46	JEF	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-7 (3'-5')

Lab Sample ID: 500-180587-7

Date Collected: 04/10/20 13:10

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:44	MJG	TAL CHI

Client Sample ID: 40392-B-8 (9'-11')

Lab Sample ID: 500-180587-8

Date Collected: 04/10/20 14:20

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-8 (9'-11')

Lab Sample ID: 500-180587-8

Date Collected: 04/10/20 14:20

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 14:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 03:42	JDD	TAL CHI
Total/NA	Prep	5035	DL		538558	04/10/20 14:20	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	539221	04/22/20 17:27	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/25/20 00:11	SS	TAL CHI
Total/NA	Prep	3541			539634	04/24/20 08:14	BSO	TAL CHI
Total/NA	Analysis	8082A		1	539664	04/24/20 19:25	BJH	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:49	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:50	MJG	TAL CHI

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Date Collected: 04/10/20 16:00

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Date Collected: 04/10/20 16:00

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 16:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 03:16	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/25/20 00:41	SS	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:53	JEF	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Client Sample ID: 40392-B-9 (4'-6')

Lab Sample ID: 500-180587-9

Date Collected: 04/10/20 16:00

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		5	538485	04/16/20 10:09	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:52	MJG	TAL CHI

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Date Collected: 04/10/20 16:50

Matrix: Solid

Date Received: 04/14/20 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	538055	04/14/20 14:38	LWN	TAL CHI

Client Sample ID: 40392-B-12 (3.5'-5.5')

Lab Sample ID: 500-180587-10

Date Collected: 04/10/20 16:50

Matrix: Solid

Date Received: 04/14/20 09:40

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			538558	04/10/20 16:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	539158	04/22/20 02:51	JDD	TAL CHI
Total/NA	Prep	3541			539625	04/24/20 07:35	BSO	TAL CHI
Total/NA	Analysis	8270D		1	539715	04/25/20 01:11	SS	TAL CHI
Total/NA	Prep	3050B			538296	04/15/20 17:29	BDE	TAL CHI
Total/NA	Analysis	6010B		1	538485	04/16/20 09:57	JEF	TAL CHI
Total/NA	Prep	7471A			538861	04/20/20 13:55	MJG	TAL CHI
Total/NA	Analysis	7471A		1	539069	04/21/20 08:54	MJG	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
Project/Site: Community Within the Corridor - 40392

Job ID: 500-180587-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-20

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



500-180587 COC

500-180587

Sample Collector(s) Kyle Vander Heiden		Staff Geologist		Telephone # (incl. area code) (262) 821-1171		Report To Robert Reineke											
Property Owner		Property Address West Center Street & North 32nd Street, Milwaukee, WI		Telephone # (incl. area code) N/A		KSingh Project # 40392											
I hereby certify that I received, properly, and disposed of the samples as noted below				Laboratory Name TestAmerica													
Relinquished By (Signature) <i>[Signature]</i>		Date/Time 4/13/20 12:00		Received By (Signature) <i>[Signature]</i>		Temperature Blank: 5.9											
Relinquished By (Signature) <i>[Signature]</i>		Date/Time 4-13-20 1700		Received By (Signature) <i>[Signature]</i> 4/14/20 0940		If samples were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for the temperature blank.											
1 Specify groundwater (GW), soil (S), air (A), sludge (SL), surface water (SW), etc.				Sample Condition													
2 Sample description must clearly correlate the sample I.D. to the sampling location				# / Type of Container													
Date Collected	Time Collected	Samples		Location/Description (2)	VOCs	PAHs	PCRA Metals	PCPs	SVOCs/PAHs	Pesticides	Herbicides	Sample Condition					
		Type (1)	Device									MeOH	HCL	H2SO4	Unpres.	Other Comment	
1 4/10/20	1110	Soil	GP	40392-B-1 (5.5'-7.5')	X	X	X										2
2 4/10/20	1040	Soil	GP	40392-B-2 (4'-6')	X	X	X										2
3 4/10/20	0950	Soil	GP	40392-B-3 (4'-6')	X	X	X										2
4 4/10/20	1440	Soil	GP	40392-B-4 (4'-6')	X	X	X										2
5 4/10/20	1505	Soil	GP	40392-B-5 (3'-5')	X	X	X	X									2
6 4/10/20	1525	Soil	GP	40392-B-6 (3'-5')	X	X	X										2
7 4/10/20	1310	Soil	GP	40392-B-7 (3'-5')	X	X	X										2
8 4/10/20	1420	Soil	GP	40392-B-8 (9'-11')	X	X	X	X									2
9 4/10/20	1600	Soil	GP	40392-B-9 (4'-6')	X	X	X										2
10 4/10/20	1650	Soil	GP	40392-B-12 (3.5'-5.5')	X	X	X										2
DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES				DEPARTMENT USE ONLY													
Disposition of unused portion of sample Laboratory should (check): <input checked="" type="checkbox"/> Dispose <input type="checkbox"/> Return <input type="checkbox"/> Retain for _____ (days) <input type="checkbox"/> Other				Split Samples Offered <input type="checkbox"/> Y <input type="checkbox"/> N Accepted By: Accepted <input type="checkbox"/> Y <input type="checkbox"/> N Signature _____													

Soil at B-8(9'-11') registered over 500 PPM on PID.



Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-180587-1

Login Number: 180587

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-62194-1

Client Project/Site: Community Within the Corridor - 40405

For:

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

Attn: Mr. Robert Reineke



Authorized for release by:
7/8/2020 2:50:37 PM

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

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Isotope Dilution Summary	14
QC Sample Results	16
QC Association Summary	23
Lab Chronicle	24
Certification Summary	26
Method Summary	27
Sample Summary	28
Chain of Custody	29
Receipt Checklists	31

Definitions/Glossary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5	Isotope dilution analyte is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	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

Case Narrative

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Job ID: 320-62194-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-62194-1

Comments

No additional comments.

Receipt

The samples were received on 6/26/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.7° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): B-13 (1'-2') (320-62194-1). The container labels list 9:30 am, while the COC lists 9:15 am. Samples were labeled according to the COC.

LCMS

Method 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples are below the method recommended limits for d7-N-MeFOSE-M and d9-N-EtFOSE-M: B-13 (1'-2') (320-62194-1), B-14 (1'-2') (320-62194-2), B-15 (1'-2') (320-62194-3), B-16 (1'-2') (320-62194-4), (320-62194-A-1-B MS) and (320-62194-A-1-C MSD). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

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

General Chemistry

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

Organic Prep

Method SHAKE: The following sample was light yellow after extraction: B-16 (1'-2') (320-62194-4). 320-390751 Solid PFC_IDA

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

Detection Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-13 (1'-2')

Lab Sample ID: 320-62194-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.040	J B	0.23	0.032	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: B-14 (1'-2')

Lab Sample ID: 320-62194-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.041	J B	0.24	0.034	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: B-15 (1'-2')

Lab Sample ID: 320-62194-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.21	J B	0.23	0.032	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: B-16 (1'-2')

Lab Sample ID: 320-62194-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.16	J B	0.24	0.034	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.51	J B	0.61	0.24	ug/Kg	1	☼	537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-13 (1'-2')

Lab Sample ID: 320-62194-1

Date Collected: 06/25/20 09:15

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 87.8

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.040	J B	0.23	0.032	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoropentanoic acid (PFPeA)	<0.087		0.23	0.087	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorohexanoic acid (PFHxA)	<0.047		0.23	0.047	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorooctanoic acid (PFOA)	<0.097		0.23	0.097	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorotridecanoic acid (PFTriA)	<0.057		0.23	0.057	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorotetradecanoic acid (PFTeA)	<0.061		0.23	0.061	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.050		0.23	0.050	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.032		0.23	0.032	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.23	0.028	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.23	0.039	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.56	0.23	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Perfluorooctanesulfonamide (FOSA)	<0.092		0.23	0.092	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
NMeFOSA	<0.046		0.23	0.046	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.44		2.3	0.44	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.42		2.3	0.42	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
NMeFOSE	<0.080		0.23	0.080	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
8:2 FTS	<0.28		2.3	0.28	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
10:2 FTS	<0.056		0.23	0.056	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
DONA	<0.020		0.23	0.020	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
F-53B Major	<0.030		0.23	0.030	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
F-53B Minor	<0.025		0.23	0.025	ug/Kg	☼	06/30/20 04:43	07/02/20 03:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150				06/30/20 04:43	07/02/20 03:49	1
13C5 PFPeA	95		25 - 150				06/30/20 04:43	07/02/20 03:49	1
13C2 PFHxA	94		25 - 150				06/30/20 04:43	07/02/20 03:49	1
13C4 PFHpA	92		25 - 150				06/30/20 04:43	07/02/20 03:49	1
13C4 PFOA	92		25 - 150				06/30/20 04:43	07/02/20 03:49	1
13C5 PFNA	93		25 - 150				06/30/20 04:43	07/02/20 03:49	1
13C2 PFDA	92		25 - 150				06/30/20 04:43	07/02/20 03:49	1

Eurolins TestAmerica, Sacramento

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-13 (1'-2')

Lab Sample ID: 320-62194-1

Date Collected: 06/25/20 09:15

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 87.8

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	91		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C2 PFDoA	94		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C2 PFTeDA	90		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C2 PFHxDA	95		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C3 PFBS	87		25 - 150	06/30/20 04:43	07/02/20 03:49	1
18O2 PFHxS	87		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C4 PFOS	82		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C8 FOSA	80		25 - 150	06/30/20 04:43	07/02/20 03:49	1
d3-NMeFOSAA	76		25 - 150	06/30/20 04:43	07/02/20 03:49	1
d5-NEtFOSAA	84		25 - 150	06/30/20 04:43	07/02/20 03:49	1
d-N-MeFOSA-M	43		25 - 150	06/30/20 04:43	07/02/20 03:49	1
d-N-EtFOSA-M	43		25 - 150	06/30/20 04:43	07/02/20 03:49	1
d7-N-MeFOSE-M	7 *5		10 - 120	06/30/20 04:43	07/02/20 03:49	1
d9-N-EtFOSE-M	8 *5		10 - 120	06/30/20 04:43	07/02/20 03:49	1
M2-4:2 FTS	76		25 - 150	06/30/20 04:43	07/02/20 03:49	1
M2-6:2 FTS	84		25 - 150	06/30/20 04:43	07/02/20 03:49	1
M2-8:2 FTS	76		25 - 150	06/30/20 04:43	07/02/20 03:49	1
13C3 HFPO-DA	92		25 - 150	06/30/20 04:43	07/02/20 03:49	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	12.2		0.1	0.1	%			07/02/20 14:29	1
Percent Solids	87.8		0.1	0.1	%			07/02/20 14:29	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-14 (1'-2')

Lab Sample ID: 320-62194-2

Date Collected: 06/25/20 10:05

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 82.3

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.041	J B	0.24	0.034	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoropentanoic acid (PFPeA)	<0.093		0.24	0.093	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorohexanoic acid (PFHxA)	<0.051		0.24	0.051	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoroheptanoic acid (PFHpA)	<0.035		0.24	0.035	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorooctanoic acid (PFOA)	<0.10		0.24	0.10	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorodecanoic acid (PFDA)	<0.027		0.24	0.027	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorododecanoic acid (PFDoA)	<0.081		0.24	0.081	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorotridecanoic acid (PFTriA)	<0.062		0.24	0.062	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorotetradecanoic acid (PFTeA)	<0.065		0.24	0.065	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.053		0.24	0.053	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.034		0.24	0.034	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.60	0.24	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.047		0.24	0.047	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.072		0.24	0.072	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
Perfluorooctanesulfonamide (FOSA)	<0.099		0.24	0.099	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
NMeFOSA	<0.050		0.24	0.050	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.47		2.4	0.47	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.45		2.4	0.45	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
NMeFOSE	<0.086		0.24	0.086	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
4:2 FTS	<0.45		2.4	0.45	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
10:2 FTS	<0.060		0.24	0.060	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
DONA	<0.022		0.24	0.022	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
F-53B Major	<0.033		0.24	0.033	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1
F-53B Minor	<0.027		0.24	0.027	ug/Kg	☼	06/30/20 04:43	07/02/20 04:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C5 PFPeA	89		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C2 PFHxA	92		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C4 PFHpA	92		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C4 PFOA	88		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C5 PFNA	91		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C2 PFDA	89		25 - 150	06/30/20 04:43	07/02/20 04:17	1

Eurolins TestAmerica, Sacramento

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-14 (1'-2')

Lab Sample ID: 320-62194-2

Date Collected: 06/25/20 10:05

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 82.3

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	85		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C2 PFDoA	89		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C2 PFTeDA	88		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C2 PFHxDA	90		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C3 PFBS	81		25 - 150	06/30/20 04:43	07/02/20 04:17	1
18O2 PFHxS	83		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C4 PFOS	80		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C8 FOSA	78		25 - 150	06/30/20 04:43	07/02/20 04:17	1
d3-NMeFOSAA	70		25 - 150	06/30/20 04:43	07/02/20 04:17	1
d5-NEtFOSAA	79		25 - 150	06/30/20 04:43	07/02/20 04:17	1
d-N-MeFOSA-M	51		25 - 150	06/30/20 04:43	07/02/20 04:17	1
d-N-EtFOSA-M	46		25 - 150	06/30/20 04:43	07/02/20 04:17	1
d7-N-MeFOSE-M	6 *5		10 - 120	06/30/20 04:43	07/02/20 04:17	1
d9-N-EtFOSE-M	6 *5		10 - 120	06/30/20 04:43	07/02/20 04:17	1
M2-4:2 FTS	75		25 - 150	06/30/20 04:43	07/02/20 04:17	1
M2-6:2 FTS	79		25 - 150	06/30/20 04:43	07/02/20 04:17	1
M2-8:2 FTS	74		25 - 150	06/30/20 04:43	07/02/20 04:17	1
13C3 HFPO-DA	90		25 - 150	06/30/20 04:43	07/02/20 04:17	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	17.7		0.1	0.1	%			07/02/20 14:29	1
Percent Solids	82.3		0.1	0.1	%			07/02/20 14:29	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-15 (1'-2')

Lab Sample ID: 320-62194-3

Date Collected: 06/25/20 10:30

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 86.5

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.21	J B	0.23	0.032	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoropentanoic acid (PFPeA)	<0.088		0.23	0.088	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorooctanoic acid (PFOA)	<0.098		0.23	0.098	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorotridecanoic acid (PFTriA)	<0.058		0.23	0.058	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.062		0.23	0.062	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.050		0.23	0.050	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.032		0.23	0.032	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.57	0.23	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
Perfluorooctanesulfonamide (FOSA)	<0.094		0.23	0.094	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.44		2.3	0.44	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.42		2.3	0.42	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
NMeFOSE	<0.081		0.23	0.081	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
10:2 FTS	<0.057		0.23	0.057	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
DONA	<0.021		0.23	0.021	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
F-53B Major	<0.031		0.23	0.031	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1
F-53B Minor	<0.025		0.23	0.025	ug/Kg	☼	06/30/20 04:43	07/02/20 04:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	92		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C5 PFPeA	92		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C2 PFHxA	96		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C4 PFHpA	94		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C4 PFOA	95		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C5 PFNA	96		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C2 PFDA	94		25 - 150	06/30/20 04:43	07/02/20 04:27	1

Eurolins TestAmerica, Sacramento

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-15 (1'-2')

Lab Sample ID: 320-62194-3

Date Collected: 06/25/20 10:30

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 86.5

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	96		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C2 PFDoA	100		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C2 PFTeDA	89		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C2 PFHxDA	96		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C3 PFBS	75		25 - 150	06/30/20 04:43	07/02/20 04:27	1
18O2 PFHxS	79		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C4 PFOS	77		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C8 FOSA	79		25 - 150	06/30/20 04:43	07/02/20 04:27	1
d3-NMeFOSAA	77		25 - 150	06/30/20 04:43	07/02/20 04:27	1
d5-NEtFOSAA	86		25 - 150	06/30/20 04:43	07/02/20 04:27	1
d-N-MeFOSA-M	45		25 - 150	06/30/20 04:43	07/02/20 04:27	1
d-N-EtFOSA-M	43		25 - 150	06/30/20 04:43	07/02/20 04:27	1
d7-N-MeFOSE-M	6 *5		10 - 120	06/30/20 04:43	07/02/20 04:27	1
d9-N-EtFOSE-M	7 *5		10 - 120	06/30/20 04:43	07/02/20 04:27	1
M2-4:2 FTS	93		25 - 150	06/30/20 04:43	07/02/20 04:27	1
M2-6:2 FTS	81		25 - 150	06/30/20 04:43	07/02/20 04:27	1
M2-8:2 FTS	73		25 - 150	06/30/20 04:43	07/02/20 04:27	1
13C3 HFPO-DA	94		25 - 150	06/30/20 04:43	07/02/20 04:27	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	13.5		0.1	0.1	%			07/02/20 14:29	1
Percent Solids	86.5		0.1	0.1	%			07/02/20 14:29	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-16 (1'-2')

Lab Sample ID: 320-62194-4

Date Collected: 06/25/20 11:10

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 82.0

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.16	J B	0.24	0.034	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoropentanoic acid (PFPeA)	<0.094		0.24	0.094	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorohexanoic acid (PFHxA)	<0.051		0.24	0.051	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoroheptanoic acid (PFHpA)	<0.035		0.24	0.035	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorooctanoic acid (PFOA)	<0.10		0.24	0.10	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorononanoic acid (PFNA)	<0.044		0.24	0.044	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorodecanoic acid (PFDA)	<0.027		0.24	0.027	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoroundecanoic acid (PFUnA)	<0.044		0.24	0.044	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorododecanoic acid (PFDoA)	<0.082		0.24	0.082	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorotridecanoic acid (PFTriA)	<0.062		0.24	0.062	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorotetradecanoic acid (PFTeA)	<0.066		0.24	0.066	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.054		0.24	0.054	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.034		0.24	0.034	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorobutanesulfonic acid (PFBS)	<0.031		0.24	0.031	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorohexanesulfonic acid (PFHxS)	<0.038		0.24	0.038	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.043		0.24	0.043	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorooctanesulfonic acid (PFOS)	0.51	J B	0.61	0.24	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorodecanesulfonic acid (PFDS)	<0.048		0.24	0.048	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorododecanesulfonic acid (PFDoS)	<0.073		0.24	0.073	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Perfluorooctanesulfonamide (FOSA)	<0.10		0.24	0.10	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
NMeFOSA	<0.050		0.24	0.050	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.48		2.4	0.48	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.45		2.4	0.45	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
NMeFOSE	<0.087		0.24	0.087	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
NEtFOSE	<0.044		0.24	0.044	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
4:2 FTS	<0.45		2.4	0.45	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
8:2 FTS	<0.31		2.4	0.31	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
10:2 FTS	<0.061		0.24	0.061	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
DONA	<0.022		0.24	0.022	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
HFPO-DA (GenX)	<0.13		0.31	0.13	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
F-53B Major	<0.033		0.24	0.033	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
F-53B Minor	<0.027		0.24	0.027	ug/Kg	☼	06/30/20 04:43	07/02/20 04:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150				06/30/20 04:43	07/02/20 04:36	1
13C5 PFPeA	89		25 - 150				06/30/20 04:43	07/02/20 04:36	1
13C2 PFHxA	91		25 - 150				06/30/20 04:43	07/02/20 04:36	1
13C4 PFHpA	89		25 - 150				06/30/20 04:43	07/02/20 04:36	1
13C4 PFOA	90		25 - 150				06/30/20 04:43	07/02/20 04:36	1
13C5 PFNA	92		25 - 150				06/30/20 04:43	07/02/20 04:36	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-16 (1'-2')

Lab Sample ID: 320-62194-4

Date Collected: 06/25/20 11:10

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 82.0

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFDA	89		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C2 PFUnA	89		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C2 PFDoA	89		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C2 PFTeDA	83		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C2 PFHxDA	89		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C3 PFBS	75		25 - 150	06/30/20 04:43	07/02/20 04:36	1
18O2 PFHxS	80		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C4 PFOS	71		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C8 FOSA	71		25 - 150	06/30/20 04:43	07/02/20 04:36	1
d3-NMeFOSAA	84		25 - 150	06/30/20 04:43	07/02/20 04:36	1
d5-NEtFOSAA	78		25 - 150	06/30/20 04:43	07/02/20 04:36	1
d-N-MeFOSA-M	50		25 - 150	06/30/20 04:43	07/02/20 04:36	1
d-N-EtFOSA-M	48		25 - 150	06/30/20 04:43	07/02/20 04:36	1
d7-N-MeFOSE-M	7 *5		10 - 120	06/30/20 04:43	07/02/20 04:36	1
d9-N-EtFOSE-M	7 *5		10 - 120	06/30/20 04:43	07/02/20 04:36	1
M2-4:2 FTS	109		25 - 150	06/30/20 04:43	07/02/20 04:36	1
M2-6:2 FTS	124		25 - 150	06/30/20 04:43	07/02/20 04:36	1
M2-8:2 FTS	102		25 - 150	06/30/20 04:43	07/02/20 04:36	1
13C3 HFPO-DA	90		25 - 150	06/30/20 04:43	07/02/20 04:36	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	18.0		0.1	0.1	%			07/02/20 14:29	1
Percent Solids	82.0		0.1	0.1	%			07/02/20 14:29	1

Isotope Dilution Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-62194-1	B-13 (1'-2')	88	95	94	92	92	93	92	91
320-62194-1 MS	B-13 (1'-2')	95	100	98	98	95	95	93	95
320-62194-1 MSD	B-13 (1'-2')	95	99	93	96	93	97	94	93
320-62194-2	B-14 (1'-2')	87	89	92	92	88	91	89	85
320-62194-3	B-15 (1'-2')	92	92	96	94	95	96	94	96
320-62194-4	B-16 (1'-2')	88	89	91	89	90	92	89	89
LCS 320-390751/2-A	Lab Control Sample	100	102	101	100	101	102	99	95
MB 320-390751/1-A	Method Blank	90	95	92	95	94	93	93	96

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	PFHxDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	d3NMFOS (25-150)
320-62194-1	B-13 (1'-2')	94	90	95	87	87	82	80	76
320-62194-1 MS	B-13 (1'-2')	103	90	98	87	92	89	88	82
320-62194-1 MSD	B-13 (1'-2')	101	89	91	86	89	85	82	77
320-62194-2	B-14 (1'-2')	89	88	90	81	83	80	78	70
320-62194-3	B-15 (1'-2')	100	89	96	75	79	77	79	77
320-62194-4	B-16 (1'-2')	89	83	89	75	80	71	71	84
LCS 320-390751/2-A	Lab Control Sample	101	96	97	101	110	101	89	79
MB 320-390751/1-A	Method Blank	90	88	97	101	103	95	85	66

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	d5NEFOS (25-150)	dMeFOSA (25-150)	dEtFOSA (25-150)	NMFm (10-120)	NEFM (10-120)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)
320-62194-1	B-13 (1'-2')	84	43	43	7 *5	8 *5	76	84	76
320-62194-1 MS	B-13 (1'-2')	82	63	56	9 *5	9 *5	79	87	75
320-62194-1 MSD	B-13 (1'-2')	79	51	48	7 *5	7 *5	83	78	70
320-62194-2	B-14 (1'-2')	79	51	46	6 *5	6 *5	75	79	74
320-62194-3	B-15 (1'-2')	86	45	43	6 *5	7 *5	93	81	73
320-62194-4	B-16 (1'-2')	78	50	48	7 *5	7 *5	109	124	102
LCS 320-390751/2-A	Lab Control Sample	82	38	40	11	10	97	100	88
MB 320-390751/1-A	Method Blank	72	36	37	10	10	93	101	92

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HFPODA (25-150)
320-62194-1	B-13 (1'-2')	92
320-62194-1 MS	B-13 (1'-2')	96
320-62194-1 MSD	B-13 (1'-2')	96
320-62194-2	B-14 (1'-2')	90
320-62194-3	B-15 (1'-2')	94
320-62194-4	B-16 (1'-2')	90
LCS 320-390751/2-A	Lab Control Sample	98
MB 320-390751/1-A	Method Blank	93

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- PFHxA = 13C2 PFHxA
- C4PFHA = 13C4 PFHpA
- PFOA = 13C4 PFOA
- PFNA = 13C5 PFNA

Isotope Dilution Summary

Client: K. Singh & Associates, Inc

Job ID: 320-62194-1

Project/Site: Community Within the Corridor - 40405

PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
PFHxDA = 13C2 PFHxDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
dMeFOSA = d-N-MeFOSA-M
dEtFOSA = d-N-EtFOSA-M
NMFm = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-390751/1-A
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390751

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	0.0326	J	0.20	0.028	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorotridecanoic acid (PFTriA)	<0.051		0.20	0.051	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.044		0.20	0.044	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.028		0.20	0.028	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorooctanesulfonic acid (PFOS)	0.337	J	0.50	0.20	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.39		2.0	0.39	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.37		2.0	0.37	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
10:2 FTS	<0.050		0.20	0.050	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
DONA	<0.018		0.20	0.018	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
F-53B Major	<0.027		0.20	0.027	ug/Kg		06/30/20 04:43	07/02/20 03:30	1
F-53B Minor	<0.022		0.20	0.022	ug/Kg		06/30/20 04:43	07/02/20 03:30	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	90		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C5 PFPeA	95		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C2 PFHxA	92		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C4 PFHpA	95		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C4 PFOA	94		25 - 150	06/30/20 04:43	07/02/20 03:30	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-390751/1-A
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390751

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C5 PFNA	93		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C2 PFDA	93		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C2 PFUnA	96		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C2 PFDoA	90		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C2 PFTeDA	88		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C2 PFHxDA	97		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C3 PFBS	101		25 - 150	06/30/20 04:43	07/02/20 03:30	1
18O2 PFHxS	103		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C4 PFOS	95		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C8 FOSA	85		25 - 150	06/30/20 04:43	07/02/20 03:30	1
d3-NMeFOSAA	66		25 - 150	06/30/20 04:43	07/02/20 03:30	1
d5-NEtFOSAA	72		25 - 150	06/30/20 04:43	07/02/20 03:30	1
d-N-MeFOSA-M	36		25 - 150	06/30/20 04:43	07/02/20 03:30	1
d-N-EtFOSA-M	37		25 - 150	06/30/20 04:43	07/02/20 03:30	1
d7-N-MeFOSE-M	10		10 - 120	06/30/20 04:43	07/02/20 03:30	1
d9-N-EtFOSE-M	10		10 - 120	06/30/20 04:43	07/02/20 03:30	1
M2-4:2 FTS	93		25 - 150	06/30/20 04:43	07/02/20 03:30	1
M2-6:2 FTS	101		25 - 150	06/30/20 04:43	07/02/20 03:30	1
M2-8:2 FTS	92		25 - 150	06/30/20 04:43	07/02/20 03:30	1
13C3 HFPO-DA	93		25 - 150	06/30/20 04:43	07/02/20 03:30	1

Lab Sample ID: LCS 320-390751/2-A
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	2.00	2.18		ug/Kg		109	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	1.74		ug/Kg		87	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	1.91		ug/Kg		96	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	1.91		ug/Kg		96	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	1.77		ug/Kg		88	72 - 132
Perfluorononanoic acid (PFNA)	2.00	1.85		ug/Kg		93	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	1.96		ug/Kg		98	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.07		ug/Kg		104	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	1.67		ug/Kg		83	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	1.82		ug/Kg		91	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	1.88		ug/Kg		94	67 - 127
Perfluoro-n-hexadecanoic acid (PFHxDA)	2.00	1.81		ug/Kg		90	75 - 135
Perfluoro-n-octadecanoic acid (PFODA)	2.00	1.93		ug/Kg		97	53 - 130
Perfluorobutanesulfonic acid (PFBS)	1.77	1.81		ug/Kg		102	69 - 129
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.96		ug/Kg		104	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.60		ug/Kg		88	62 - 122

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-390751/2-A
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	1.92		ug/Kg		101	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.06		ug/Kg		111	68 - 141
Perfluorononanesulfonic acid (PFNS)	1.92	1.89		ug/Kg		99	72 - 132
Perfluorodecanesulfonic acid (PFDS)	1.93	1.97		ug/Kg		102	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.82		ug/Kg		94	70 - 130
Perfluorooctanesulfonamide (FOSA)	2.00	1.98		ug/Kg		99	77 - 137
NMeFOSA	2.00	1.98		ug/Kg		99	63 - 148
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.25		ug/Kg		112	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.17		ug/Kg		108	72 - 132
NMeFOSE	2.00	2.14		ug/Kg		107	43 - 153
NEtFOSE	2.00	2.10		ug/Kg		105	44 - 155
4:2 FTS	1.87	1.90	J	ug/Kg		102	68 - 143
6:2 FTS	1.90	1.90	J	ug/Kg		100	73 - 139
8:2 FTS	1.92	2.09		ug/Kg		109	75 - 135
10:2 FTS	1.93	2.18		ug/Kg		113	69 - 145
DONA	1.88	1.97		ug/Kg		105	79 - 139
HFPO-DA (GenX)	2.00	1.97		ug/Kg		98	53 - 158
F-53B Major	1.86	1.85		ug/Kg		99	74 - 134
F-53B Minor	1.88	1.93		ug/Kg		102	66 - 136

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	100		25 - 150
13C5 PFPeA	102		25 - 150
13C2 PFHxA	101		25 - 150
13C4 PFHpA	100		25 - 150
13C4 PFOA	101		25 - 150
13C5 PFNA	102		25 - 150
13C2 PFDA	99		25 - 150
13C2 PFUnA	95		25 - 150
13C2 PFDoA	101		25 - 150
13C2 PFTeDA	96		25 - 150
13C2 PFHxDA	97		25 - 150
13C3 PFBS	101		25 - 150
18O2 PFHxS	110		25 - 150
13C4 PFOS	101		25 - 150
13C8 FOSA	89		25 - 150
d3-NMeFOSAA	79		25 - 150
d5-NEtFOSAA	82		25 - 150
d-N-MeFOSA-M	38		25 - 150
d-N-EtFOSA-M	40		25 - 150
d7-N-MeFOSE-M	11		10 - 120
d9-N-EtFOSE-M	10		10 - 120
M2-4:2 FTS	97		25 - 150

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-390751/2-A
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390751

<i>Isotope Dilution</i>	<i>LCS %Recovery</i>	<i>LCS Qualifier</i>	<i>Limits</i>
M2-6:2 FTS	100		25 - 150
M2-8:2 FTS	88		25 - 150
13C3 HFPO-DA	98		25 - 150

Lab Sample ID: 320-62194-1 MS
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: B-13 (1'-2')
Prep Type: Total/NA
Prep Batch: 390751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	0.040	J B	2.24	2.56		ug/Kg	☼	113	76 - 136
Perfluoropentanoic acid (PFPeA)	<0.087		2.24	1.86		ug/Kg	☼	83	69 - 129
Perfluorohexanoic acid (PFHxA)	<0.047		2.24	2.17		ug/Kg	☼	97	71 - 131
Perfluoroheptanoic acid (PFHpA)	<0.033		2.24	2.17		ug/Kg	☼	97	71 - 131
Perfluorooctanoic acid (PFOA)	<0.097		2.24	2.13		ug/Kg	☼	95	72 - 132
Perfluorononanoic acid (PFNA)	<0.041		2.24	2.23		ug/Kg	☼	100	73 - 133
Perfluorodecanoic acid (PFDA)	<0.025		2.24	2.24		ug/Kg	☼	100	72 - 132
Perfluoroundecanoic acid (PFUnA)	<0.041		2.24	2.35		ug/Kg	☼	105	66 - 126
Perfluorododecanoic acid (PFDoA)	<0.076		2.24	1.96		ug/Kg	☼	88	71 - 131
Perfluorotridecanoic acid (PFTriA)	<0.057		2.24	2.13		ug/Kg	☼	95	71 - 131
Perfluorotetradecanoic acid (PFTeA)	<0.061		2.24	2.29		ug/Kg	☼	102	67 - 127
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.050		2.24	2.28		ug/Kg	☼	102	75 - 135
Perfluoro-n-octadecanoic acid (PFODA)	<0.032		2.24	2.43		ug/Kg	☼	109	53 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.028		1.98	2.12		ug/Kg	☼	107	69 - 129
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.10	2.07		ug/Kg	☼	99	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	<0.035		2.04	1.82		ug/Kg	☼	89	62 - 122
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		2.13	2.13		ug/Kg	☼	100	76 - 136
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.08	2.22		ug/Kg	☼	107	68 - 141
Perfluorononanesulfonic acid (PFNS)	<0.023		2.15	1.99		ug/Kg	☼	93	72 - 132
Perfluorodecanesulfonic acid (PFDS)	<0.044		2.16	1.97		ug/Kg	☼	91	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	<0.068		2.17	2.01		ug/Kg	☼	93	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.092		2.24	2.20		ug/Kg	☼	98	77 - 137
NMeFOSA	<0.046		2.24	2.14		ug/Kg	☼	96	63 - 148
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.44		2.24	2.54		ug/Kg	☼	114	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.42		2.24	2.56		ug/Kg	☼	114	72 - 132
NMeFOSE	<0.080		2.24	2.24		ug/Kg	☼	100	43 - 153
NEtFOSE	<0.041		2.24	2.06		ug/Kg	☼	92	44 - 155

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-62194-1 MS
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: B-13 (1'-2')
Prep Type: Total/NA
Prep Batch: 390751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
4:2 FTS	<0.42		2.09	2.19	J	ug/Kg	☼	105	68 - 143
6:2 FTS	<0.17		2.12	2.12	J	ug/Kg	☼	100	73 - 139
8:2 FTS	<0.28		2.14	2.22		ug/Kg	☼	104	75 - 135
10:2 FTS	<0.056		2.16	2.53		ug/Kg	☼	117	69 - 145
DONA	<0.020		2.11	2.44		ug/Kg	☼	116	79 - 139
HFPO-DA (GenX)	<0.12		2.24	2.22		ug/Kg	☼	99	53 - 158
F-53B Major	<0.030		2.08	2.12		ug/Kg	☼	102	74 - 134
F-53B Minor	<0.025		2.11	2.08		ug/Kg	☼	99	66 - 136

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	95		25 - 150
13C5 PFPeA	100		25 - 150
13C2 PFHxA	98		25 - 150
13C4 PFHpA	98		25 - 150
13C4 PFOA	95		25 - 150
13C5 PFNA	95		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	95		25 - 150
13C2 PFDoA	103		25 - 150
13C2 PFTeDA	90		25 - 150
13C2 PFHxDA	98		25 - 150
13C3 PFBS	87		25 - 150
18O2 PFHxS	92		25 - 150
13C4 PFOS	89		25 - 150
13C8 FOSA	88		25 - 150
d3-NMeFOSAA	82		25 - 150
d5-NEtFOSAA	82		25 - 150
d-N-MeFOSA-M	63		25 - 150
d-N-EtFOSA-M	56		25 - 150
d7-N-MeFOSE-M	9 *5		10 - 120
d9-N-EtFOSE-M	9 *5		10 - 120
M2-4:2 FTS	79		25 - 150
M2-6:2 FTS	87		25 - 150
M2-8:2 FTS	75		25 - 150
13C3 HFPO-DA	96		25 - 150

Lab Sample ID: 320-62194-1 MSD
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: B-13 (1'-2')
Prep Type: Total/NA
Prep Batch: 390751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Perfluorobutanoic acid (PFBA)	0.040	J B	2.26	2.51		ug/Kg	☼	109	76 - 136	2	30
Perfluoropentanoic acid (PFPeA)	<0.087		2.26	1.85		ug/Kg	☼	82	69 - 129	1	30
Perfluorohexanoic acid (PFHxA)	<0.047		2.26	2.31		ug/Kg	☼	102	71 - 131	6	30
Perfluoroheptanoic acid (PFHpA)	<0.033		2.26	2.25		ug/Kg	☼	99	71 - 131	4	30
Perfluorooctanoic acid (PFOA)	<0.097		2.26	2.13		ug/Kg	☼	94	72 - 132	0	30
Perfluorononanoic acid (PFNA)	<0.041		2.26	2.16		ug/Kg	☼	96	73 - 133	3	30
Perfluorodecanoic acid (PFDA)	<0.025		2.26	2.18		ug/Kg	☼	96	72 - 132	3	30

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-62194-1 MSD
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: B-13 (1'-2')
Prep Type: Total/NA
Prep Batch: 390751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)	<0.041		2.26	2.27		ug/Kg	☼	100	66 - 126	4	30
Perfluorododecanoic acid (PFDoA)	<0.076		2.26	2.09		ug/Kg	☼	92	71 - 131	6	30
Perfluorotridecanoic acid (PFTriA)	<0.057		2.26	2.08		ug/Kg	☼	92	71 - 131	2	30
Perfluorotetradecanoic acid (PFTeA)	<0.061		2.26	2.27		ug/Kg	☼	100	67 - 127	1	30
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.050		2.26	2.23		ug/Kg	☼	99	75 - 135	2	30
Perfluoro-n-octadecanoic acid (PFODA)	<0.032		2.26	2.42		ug/Kg	☼	107	53 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	<0.028		2.00	2.14		ug/Kg	☼	107	69 - 129	1	30
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.12	2.22		ug/Kg	☼	104	66 - 126	7	30
Perfluorohexanesulfonic acid (PFHxS)	<0.035		2.06	1.83		ug/Kg	☼	89	62 - 122	1	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		2.15	2.03		ug/Kg	☼	94	76 - 136	5	30
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.10	2.23		ug/Kg	☼	106	68 - 141	0	30
Perfluorononanesulfonic acid (PFNS)	<0.023		2.17	1.98		ug/Kg	☼	91	72 - 132	1	30
Perfluorodecanesulfonic acid (PFDS)	<0.044		2.18	2.13		ug/Kg	☼	98	71 - 131	8	30
Perfluorododecanesulfonic acid (PFDoS)	<0.068		2.19	2.03		ug/Kg	☼	93	70 - 130	1	30
Perfluorooctanesulfonamide (FOSA)	<0.092		2.26	2.34		ug/Kg	☼	103	77 - 137	6	30
NMeFOSA	<0.046		2.26	2.24		ug/Kg	☼	99	63 - 148	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.44		2.26	2.62		ug/Kg	☼	116	72 - 132	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.42		2.26	2.59		ug/Kg	☼	114	72 - 132	1	30
NMeFOSE	<0.080		2.26	2.10		ug/Kg	☼	93	43 - 153	6	30
NEtFOSE	<0.041		2.26	2.27		ug/Kg	☼	100	44 - 155	9	30
4:2 FTS	<0.42		2.11	2.12	J	ug/Kg	☼	100	68 - 143	3	30
6:2 FTS	<0.17		2.15	2.22	J	ug/Kg	☼	104	73 - 139	5	30
8:2 FTS	<0.28		2.17	2.29	J	ug/Kg	☼	106	75 - 135	3	30
10:2 FTS	<0.056		2.18	2.71		ug/Kg	☼	124	69 - 145	7	30
DONA	<0.020		2.13	2.59		ug/Kg	☼	121	79 - 139	6	30
HFPO-DA (GenX)	<0.12		2.26	2.31		ug/Kg	☼	102	53 - 158	4	30
F-53B Major	<0.030		2.11	2.22		ug/Kg	☼	105	74 - 134	4	30
F-53B Minor	<0.025		2.13	2.26		ug/Kg	☼	106	66 - 136	8	30
		MSD	MSD								
Isotope Dilution	%Recovery	Qualifier	Limits								
13C4 PFBA	95		25 - 150								
13C5 PFPeA	99		25 - 150								
13C2 PFHxA	93		25 - 150								
13C4 PFHpA	96		25 - 150								
13C4 PFOA	93		25 - 150								
13C5 PFNA	97		25 - 150								

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-62194-1 MSD
Matrix: Solid
Analysis Batch: 391493

Client Sample ID: B-13 (1'-2')
Prep Type: Total/NA
Prep Batch: 390751

<i>Isotope Dilution</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
13C2 PFDA	94		25 - 150
13C2 PFUnA	93		25 - 150
13C2 PFDoA	101		25 - 150
13C2 PFTeDA	89		25 - 150
13C2 PFHxDA	91		25 - 150
13C3 PFBS	86		25 - 150
18O2 PFHxS	89		25 - 150
13C4 PFOS	85		25 - 150
13C8 FOSA	82		25 - 150
d3-NMeFOSAA	77		25 - 150
d5-NEtFOSAA	79		25 - 150
d-N-MeFOSA-M	51		25 - 150
d-N-EtFOSA-M	48		25 - 150
d7-N-MeFOSE-M	7	*5	10 - 120
d9-N-EtFOSE-M	7	*5	10 - 120
M2-4:2 FTS	83		25 - 150
M2-6:2 FTS	78		25 - 150
M2-8:2 FTS	70		25 - 150
13C3 HFPO-DA	96		25 - 150

Method: D 2216 - Percent Moisture

Lab Sample ID: 320-62194-1 DU
Matrix: Solid
Analysis Batch: 391734

Client Sample ID: B-13 (1'-2')
Prep Type: Total/NA

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>DU Result</i>	<i>DU Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RPD</i>	<i>RPD Limit</i>
Percent Moisture	12.2		11.9		%		2	20
Percent Solids	87.8		88.1		%		0.3	20

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

LCMS

Prep Batch: 390751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-62194-1	B-13 (1'-2')	Total/NA	Solid	SHAKE	
320-62194-2	B-14 (1'-2')	Total/NA	Solid	SHAKE	
320-62194-3	B-15 (1'-2')	Total/NA	Solid	SHAKE	
320-62194-4	B-16 (1'-2')	Total/NA	Solid	SHAKE	
MB 320-390751/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-390751/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
320-62194-1 MS	B-13 (1'-2')	Total/NA	Solid	SHAKE	
320-62194-1 MSD	B-13 (1'-2')	Total/NA	Solid	SHAKE	

Analysis Batch: 391493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-62194-1	B-13 (1'-2')	Total/NA	Solid	537 (modified)	390751
320-62194-2	B-14 (1'-2')	Total/NA	Solid	537 (modified)	390751
320-62194-3	B-15 (1'-2')	Total/NA	Solid	537 (modified)	390751
320-62194-4	B-16 (1'-2')	Total/NA	Solid	537 (modified)	390751
MB 320-390751/1-A	Method Blank	Total/NA	Solid	537 (modified)	390751
LCS 320-390751/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	390751
320-62194-1 MS	B-13 (1'-2')	Total/NA	Solid	537 (modified)	390751
320-62194-1 MSD	B-13 (1'-2')	Total/NA	Solid	537 (modified)	390751

General Chemistry

Analysis Batch: 391734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-62194-1	B-13 (1'-2')	Total/NA	Solid	D 2216	
320-62194-2	B-14 (1'-2')	Total/NA	Solid	D 2216	
320-62194-3	B-15 (1'-2')	Total/NA	Solid	D 2216	
320-62194-4	B-16 (1'-2')	Total/NA	Solid	D 2216	
320-62194-1 DU	B-13 (1'-2')	Total/NA	Solid	D 2216	

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-13 (1'-2')

Date Collected: 06/25/20 09:15

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			391734	07/02/20 14:29	TCS	TAL SAC

Client Sample ID: B-13 (1'-2')

Date Collected: 06/25/20 09:15

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-1

Matrix: Solid

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.05 g	10.00 mL	390751	06/30/20 04:43	MA	TAL SAC
Total/NA	Analysis	537 (modified)		1			391493	07/02/20 03:49	MNV	TAL SAC

Client Sample ID: B-14 (1'-2')

Date Collected: 06/25/20 10:05

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			391734	07/02/20 14:29	TCS	TAL SAC

Client Sample ID: B-14 (1'-2')

Date Collected: 06/25/20 10:05

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-2

Matrix: Solid

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.03 g	10.00 mL	390751	06/30/20 04:43	MA	TAL SAC
Total/NA	Analysis	537 (modified)		1			391493	07/02/20 04:17	MNV	TAL SAC

Client Sample ID: B-15 (1'-2')

Date Collected: 06/25/20 10:30

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			391734	07/02/20 14:29	TCS	TAL SAC

Client Sample ID: B-15 (1'-2')

Date Collected: 06/25/20 10:30

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-3

Matrix: Solid

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.07 g	10.00 mL	390751	06/30/20 04:43	MA	TAL SAC
Total/NA	Analysis	537 (modified)		1			391493	07/02/20 04:27	MNV	TAL SAC

Client Sample ID: B-16 (1'-2')

Date Collected: 06/25/20 11:10

Date Received: 06/26/20 09:30

Lab Sample ID: 320-62194-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			391734	07/02/20 14:29	TCS	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Client Sample ID: B-16 (1'-2')

Lab Sample ID: 320-62194-4

Date Collected: 06/25/20 11:10

Matrix: Solid

Date Received: 06/26/20 09:30

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.00 g	10.00 mL	390751	06/30/20 04:43	MA	TAL SAC
Total/NA	Analysis	537 (modified)		1			391493	07/02/20 04:36	MNV	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Laboratory: Eurofins TestAmerica, Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	01-20-21
ANAB	Dept. of Defense ELAP	L2468	01-20-21
ANAB	Dept. of Energy	L2468.01	01-20-21
ANAB	ISO/IEC 17025	L2468	01-20-21
Arizona	State	AZ0708	08-11-20
California	State	2897	01-31-22
Colorado	State	CA0004	08-31-20
Connecticut	State	PH-0691	06-30-21
Florida	NELAP	E87570	07-01-21
Georgia	State	4040	01-30-21
Hawaii	State	<cert No.>	01-29-21
Illinois	NELAP	200060	03-17-21
Kansas	NELAP	E-10375	10-31-20
Maine	State	2018009	04-14-22
Michigan	State	9947	01-31-22
Nevada	State	CA000442020-1	07-31-20
New Hampshire	NELAP	2997	04-18-21
New Jersey	NELAP	CA005	06-30-21
New York	NELAP	11666	04-01-21
Oregon	NELAP	4040	01-29-21
Pennsylvania	NELAP	68-01272	03-31-21
Texas	NELAP	T104704399-19-13	06-01-21
US Fish & Wildlife	US Federal Programs	58448	07-31-20
USDA	US Federal Programs	P330-18-00239	07-31-21
Utah	NELAP	CA000442019-01	02-28-21
Vermont	State	VT-4040	04-16-21
Virginia	NELAP	460278	03-14-21
Washington	State	C581	05-05-21
West Virginia (DW)	State	9930C	12-31-20
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
D 2216	Percent Moisture	ASTM	TAL SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL SAC

Protocol References:

ASTM = ASTM International

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 SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600



Sample Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40405

Job ID: 320-62194-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-62194-1	B-13 (1'-2')	Solid	06/25/20 09:15	06/26/20 09:30	
320-62194-2	B-14 (1'-2')	Solid	06/25/20 10:05	06/26/20 09:30	
320-62194-3	B-15 (1'-2')	Solid	06/25/20 10:30	06/26/20 09:30	
320-62194-4	B-16 (1'-2')	Solid	06/25/20 11:10	06/26/20 09:30	

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Sample Collector(s) Kyle Vander Heiden & Daniel Trekas	Title Staff Geologist	Telephone # (incl. area code) (262) 821-1171	Report To Kyle Vander Heiden & Robert Reineke
Property Owner	Property Address 2748 N. 32nd St Milwaukee, WI	Telephone # (incl. area code)	KSingh Project # #40405

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

Relinquished By (Signature) <i>[Signature]</i>	Date/Time 06/25/2020 12:25	Received By (Signature) <i>[Signature]</i>	Temperature Blank: 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) <i>[Signature]</i>	Date/Time 6-25-20 17:00	Received By (Signature) <i>[Signature]</i> ETA - SAC June 26, 20 9:30	

1 Specify groundwater (GW), soil (S), air (A), sludge (SL), surface water (SW), etc.					PFAS - 36	Sample Condition				
2 Sample description must clearly correlate the sample I.D. to the sampling location						# / Type of Container				
Date Collected	Time Collected	Type (1)	Device	Location/Description (2)		HNO3	HCL	H2SO4	Unpres.	Other Comment
6/25/2020	9:15	Soil	Hand Auger	B-13 (1'-2')	x				4oz	
6/25/2020	10:05	Soil	Hand Auger	B-14 (1'-2')	x				4oz	
6/25/2020	10:30	Soil	Hand Auger	B-15 (1'-2')	x				4oz	
6/25/2020	11:10	Soil	Hand Auger	B-16 (1'-2')	x				4oz	



NOTE(S):

<p>DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES</p> <p>Disposition of unused portion of sample</p> <p>Laboratory should (check):</p> <p><input checked="" type="checkbox"/> Dispose <input type="checkbox"/> Return <input type="checkbox"/> Retain for _____ (days) <input type="checkbox"/> Other</p>	<p>DEPARTMENT USE ONLY</p> <p>Split Samples Offered <input type="checkbox"/> Y <input type="checkbox"/> N Accepted By: <i>[Signature]</i> PK 6/26/20</p> <p>Accepted <input type="checkbox"/> Y <input type="checkbox"/> N Signature: <i>[Signature]</i> June 26, 20 PK 6/26/20</p>
---	---

* The container's ID lists 9:30 for time. PK 6/26/20 0.7%

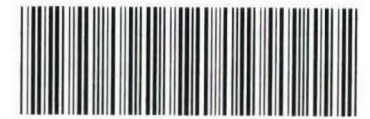


Sample Collector(s) Kyle Vander Heiden & Daniel Trekas	Title Staff Geologist	Telephone # (incl. area code) (262) 821-1171	Report To Kyle Vander Heiden & Robert Reineke
Property Owner Community Within the Corridor	Property Address 2748 N. 32nd St Milwaukee,, WI	Telephone # (incl. area code)	KSingh Project # #40405

I hereby certify that I received, properly, and disposed of the samples as noted below: Laboratory Name **TestAmerica**

Relinquished By (Signature) 	Date/Time 06/25/2020 12:25	Received By (Signature) 	Temperature Blank: 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 6-25-20 17:00	Received By (Signature) 	

1 Specify groundwater (GW), soil (S), air (A), sludge (SL), surface water (SW), etc.																Sample Condition								
2 Sample description must clearly correlate the sample I.D. to the sampling location																# / Type of Container								
Date Collected	Time Collected	Samples		Location/Description (2)	PFAS - 36											HNO3	HCL	H2SO4	Unpres.	Other Comment				
		Type (1)	Device																					
6/25/2020	9:15	Soil	Hand Auger	B-13 (1'-2')	x																		4oz	
6/25/2020	10:05	Soil	Hand Auger	B-14 (1'-2')	x																		4oz	
6/25/2020	10:30	Soil	Hand Auger	B-15 (1'-2')	x																		4oz	
6/25/2020	11:10	Soil	Hand Auger	B-16 (1'-2')	x																		4oz	



320-62194 Chain of Custody

NOTE(S):

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

* The container's ID lists 9:30 for time. PK 6/26/20



Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 320-62194-1

Login Number: 62194

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Oropeza, Salvador

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	1022883
Sample custody seals, if present, are intact.	N/A	
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	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

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

Laboratory Job ID: 500-195469-1

Client Project/Site: Community Within the Corridor - 40420

For:

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

Attn: Mr. Robert Reineke

Jodie Bracken

Authorized for release by:
3/8/2021 11:26:38 AM

Jodie Bracken, Project Management Assistant II
Jodie.Bracken@Eurofinset.com

Designee for

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

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	19
QC Association	20
Surrogate Summary	22
QC Sample Results	23
Chronicle	33
Certification Summary	35
Chain of Custody	36
Receipt Checklists	37

Case Narrative

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Job ID: 500-195469-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-195469-1

Comments

No additional comments.

Receipt

The samples were received on 3/3/2021 10:00 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 1.1° C.

GC/MS VOA

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: WB-SS-2 (0'-1') (500-195469-1). Elevated reporting limits (RLs) are provided.

Method 8260B: The matrix spike (MS) recovery for 587211 was outside control limits for Benzene. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8082A: Surrogate DCB Decachlorobiphenyl for the following method blank (MB) was above the control limits on the secondary column: (MB 500-587113/1-A). The other surrogate was within limits. The primary column had acceptable surrogate recoveries for both analytes. The MB was non-detect for target analytes, therefore the data have been reported.

Method 8082A: The following sample required a dilution due to the nature of the sample matrix: WB-SS-14 (0'-1') (500-195469-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1254: WB-SS-14 (0'-1') (500-195469-5).

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1254: WB-SS-6 (0'-1') (500-195469-2).

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

Metals

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

Organic Prep

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

Detection Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-2 (0'-1')

Lab Sample ID: 500-195469-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	0.58		0.065	0.026	mg/Kg	50	✳	8260B	Total/NA
1,4-Dichlorobenzene	5.3		0.065	0.024	mg/Kg	50	✳	8260B	Total/NA
Chlorobenzene	2.1		0.065	0.025	mg/Kg	50	✳	8260B	Total/NA
n-Butylbenzene	0.050	J	0.065	0.025	mg/Kg	50	✳	8260B	Total/NA
sec-Butylbenzene	0.063	J	0.065	0.026	mg/Kg	50	✳	8260B	Total/NA
Tetrachloroethene	0.12		0.065	0.024	mg/Kg	50	✳	8260B	Total/NA
Trichloroethene	0.013	J	0.033	0.011	mg/Kg	50	✳	8260B	Total/NA
1,2-Dichlorobenzene - DL	38		0.65	0.22	mg/Kg	500	✳	8260B	Total/NA

Client Sample ID: WB-SS-6 (0'-1')

Lab Sample ID: 500-195469-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.064	J	0.065	0.022	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.014	J	0.053	0.011	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-SS-8 (0'-1')

Lab Sample ID: 500-195469-3

No Detections.

Client Sample ID: WB-SS-12 (0'-1')

Lab Sample ID: 500-195469-4

No Detections.

Client Sample ID: WB-SS-14 (0'-1')

Lab Sample ID: 500-195469-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.34		0.060	0.021	mg/Kg	50	✳	8260B	Total/NA
1,3,5-Trimethylbenzene	0.13		0.060	0.023	mg/Kg	50	✳	8260B	Total/NA
Benzene	0.47	F1	0.015	0.0087	mg/Kg	50	✳	8260B	Total/NA
Ethylbenzene	0.18		0.015	0.011	mg/Kg	50	✳	8260B	Total/NA
Naphthalene	0.25		0.060	0.020	mg/Kg	50	✳	8260B	Total/NA
n-Butylbenzene	0.10		0.060	0.023	mg/Kg	50	✳	8260B	Total/NA
N-Propylbenzene	0.050	J	0.060	0.025	mg/Kg	50	✳	8260B	Total/NA
Styrene	0.078		0.060	0.023	mg/Kg	50	✳	8260B	Total/NA
Toluene	0.32		0.015	0.0087	mg/Kg	50	✳	8260B	Total/NA
Xylenes, Total	0.73		0.030	0.013	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	2.7		0.35	0.076	mg/Kg	20	✳	8082A	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-195469-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3541	Automated Soxhlet Extraction	SW846	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 - 40420

Job ID: 500-195469-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-195469-1	WB-SS-2 (0'-1')	Solid	03/01/21 16:20	03/03/21 10:00	
500-195469-2	WB-SS-6 (0'-1')	Solid	03/01/21 16:00	03/03/21 10:00	
500-195469-3	WB-SS-8 (0'-1')	Solid	03/01/21 15:50	03/03/21 10:00	
500-195469-4	WB-SS-12 (0'-1')	Solid	03/01/21 15:25	03/03/21 10:00	
500-195469-5	WB-SS-14 (0'-1')	Solid	03/01/21 15:40	03/03/21 10:00	
500-195469-6	Trip Blank	Solid	03/01/21 00:00	03/03/21 10:00	

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-2 (0'-1')

Lab Sample ID: 500-195469-1

Date Collected: 03/01/21 16:20

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030		0.065	0.030	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,1,2-Trichloroethane	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,1-Dichloroethane	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2-Dibromoethane	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2-Dichloroethane	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,2-Dichloropropane	<0.028		0.065	0.028	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,3-Dichlorobenzene	0.58		0.065	0.026	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,3-Dichloropropane	<0.024		0.065	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
1,4-Dichlorobenzene	5.3		0.065	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Benzene	<0.0095		0.016	0.0095	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Bromobenzene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Bromochloromethane	<0.028		0.065	0.028	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Bromodichloromethane	<0.024		0.065	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Bromoform	<0.032		0.065	0.032	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Bromomethane	<0.052		0.20	0.052	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Chlorobenzene	2.1		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Chloroethane	<0.033		0.065	0.033	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
cis-1,2-Dichloroethene	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Dibromochloromethane	<0.032		0.065	0.032	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Dibromomethane	<0.018		0.065	0.018	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Methyl tert-butyl ether	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Methylene Chloride	<0.11		0.33	0.11	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Naphthalene	<0.022		0.065	0.022	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
n-Butylbenzene	0.050	J	0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
p-Isopropyltoluene	<0.024		0.065	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
sec-Butylbenzene	0.063	J	0.065	0.026	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-2 (0'-1')

Lab Sample ID: 500-195469-1

Date Collected: 03/01/21 16:20

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Tetrachloroethene	0.12		0.065	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Toluene	<0.0096		0.016	0.0096	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
trans-1,3-Dichloropropene	<0.024		0.065	0.024	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Trichloroethene	0.013 J		0.033	0.011	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50
Xylenes, Total	<0.014		0.033	0.014	mg/Kg	✱	03/01/21 16:20	03/04/21 12:18	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		75 - 126	03/01/21 16:20	03/04/21 12:18	50
4-Bromofluorobenzene (Surr)	98		72 - 124	03/01/21 16:20	03/04/21 12:18	50
Dibromofluoromethane (Surr)	89		75 - 120	03/01/21 16:20	03/04/21 12:18	50
Toluene-d8 (Surr)	101		75 - 120	03/01/21 16:20	03/04/21 12:18	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	38		0.65	0.22	mg/Kg	✱	03/01/21 16:20	03/04/21 12:43	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		75 - 126	03/01/21 16:20	03/04/21 12:43	500
4-Bromofluorobenzene (Surr)	108		72 - 124	03/01/21 16:20	03/04/21 12:43	500
Dibromofluoromethane (Surr)	91		75 - 120	03/01/21 16:20	03/04/21 12:43	500
Toluene-d8 (Surr)	104		75 - 120	03/01/21 16:20	03/04/21 12:43	500

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-6 (0'-1')

Lab Sample ID: 500-195469-2

Date Collected: 03/01/21 16:00

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 94.8

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	✱	03/01/21 16:00	03/04/21 13:08	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,1,2-Trichloroethane	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,1-Dichloroethane	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2-Dibromoethane	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2-Dichlorobenzene	0.064	J	0.065	0.022	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2-Dichloroethane	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,2-Dichloropropane	<0.028		0.065	0.028	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,3-Dichlorobenzene	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,3-Dichloropropane	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
1,4-Dichlorobenzene	<0.024		0.065	0.024	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Benzene	<0.0095		0.016	0.0095	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Bromobenzene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Bromochloromethane	<0.028		0.065	0.028	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Bromodichloromethane	<0.024		0.065	0.024	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Bromoform	<0.031		0.065	0.031	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Bromomethane	<0.052		0.19	0.052	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Chlorobenzene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Chloroethane	<0.033		0.065	0.033	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
cis-1,2-Dichloroethene	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Dibromochloromethane	<0.032		0.065	0.032	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Dibromomethane	<0.018		0.065	0.018	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Dichlorodifluoromethane	<0.044		0.19	0.044	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Methyl tert-butyl ether	<0.026		0.065	0.026	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Methylene Chloride	<0.11		0.32	0.11	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
Naphthalene	<0.022		0.065	0.022	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
n-Butylbenzene	<0.025		0.065	0.025	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50
p-Isopropyltoluene	<0.023		0.065	0.023	mg/Kg	✱	03/01/21 16:00	03/04/21 13:08	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-6 (0'-1')

Lab Sample ID: 500-195469-2

Date Collected: 03/01/21 16:00

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Styrene	<0.025		0.065	0.025	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Tetrachloroethene	<0.024		0.065	0.024	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Toluene	<0.0095		0.016	0.0095	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
trans-1,3-Dichloropropene	<0.023		0.065	0.023	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Trichloroethene	<0.011		0.032	0.011	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✳	03/01/21 16:00	03/04/21 13:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 126	03/01/21 16:00	03/04/21 13:08	50
4-Bromofluorobenzene (Surr)	102		72 - 124	03/01/21 16:00	03/04/21 13:08	50
Dibromofluoromethane (Surr)	91		75 - 120	03/01/21 16:00	03/04/21 13:08	50
Toluene-d8 (Surr)	102		75 - 120	03/01/21 16:00	03/04/21 13:08	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.053	0.019	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1
PCB-1221	<0.023		0.053	0.023	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1
PCB-1232	<0.023		0.053	0.023	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1
PCB-1242	<0.017		0.053	0.017	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1
PCB-1248	<0.021		0.053	0.021	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1
PCB-1254	0.014	J	0.053	0.011	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1
PCB-1260	<0.026		0.053	0.026	mg/Kg	✳	03/04/21 16:43	03/05/21 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		49 - 129	03/04/21 16:43	03/05/21 01:40	1
DCB Decachlorobiphenyl	97		37 - 121	03/04/21 16:43	03/05/21 01:40	1

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-8 (0'-1')

Lab Sample ID: 500-195469-3

Date Collected: 03/01/21 15:50

Matrix: Solid

Date Received: 03/03/21 10:00

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	<0.028		0.061	0.028	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,1,2,2-Tetrachloroethane	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,1,2-Trichloroethane	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2-Dibromoethane	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2-Dichlorobenzene	<0.021		0.061	0.021	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,2-Dichloropropane	<0.026		0.061	0.026	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,3-Dichlorobenzene	<0.025		0.061	0.025	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
2-Chlorotoluene	<0.019		0.061	0.019	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
4-Chlorotoluene	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Benzene	<0.0090		0.015	0.0090	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Bromobenzene	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Bromodichloromethane	<0.023		0.061	0.023	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Bromoform	<0.030		0.061	0.030	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Bromomethane	<0.049		0.18	0.049	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Carbon tetrachloride	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Chlorobenzene	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Chloromethane	<0.020		0.061	0.020	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
cis-1,3-Dichloropropene	<0.026		0.061	0.026	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Dibromochloromethane	<0.030		0.061	0.030	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Dibromomethane	<0.017		0.061	0.017	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Isopropylbenzene	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
Naphthalene	<0.021		0.061	0.021	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	✱	03/01/21 15:50	03/04/21 13:32	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-8 (0'-1')

Lab Sample ID: 500-195469-3

Date Collected: 03/01/21 15:50

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Styrene	<0.024		0.061	0.024	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Tetrachloroethene	<0.023		0.061	0.023	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Toluene	<0.0090		0.015	0.0090	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
trans-1,2-Dichloroethene	<0.022		0.061	0.022	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
trans-1,3-Dichloropropene	<0.022		0.061	0.022	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	03/01/21 15:50	03/04/21 13:32	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		75 - 126	03/01/21 15:50	03/04/21 13:32	50
4-Bromofluorobenzene (Surr)	102		72 - 124	03/01/21 15:50	03/04/21 13:32	50
Dibromofluoromethane (Surr)	91		75 - 120	03/01/21 15:50	03/04/21 13:32	50
Toluene-d8 (Surr)	100		75 - 120	03/01/21 15:50	03/04/21 13:32	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-12 (0'-1')

Lab Sample ID: 500-195469-4

Date Collected: 03/01/21 15:25

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 87.5

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		0.064	0.029	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,1,1-Trichloroethane	<0.024		0.064	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,1,2,2-Tetrachloroethane	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,1,2-Trichloroethane	<0.022		0.064	0.022	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,1-Dichloroethane	<0.026		0.064	0.026	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,1-Dichloroethene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,1-Dichloropropene	<0.019		0.064	0.019	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2,3-Trichlorobenzene	<0.029		0.064	0.029	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2,4-Trichlorobenzene	<0.022		0.064	0.022	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2,4-Trimethylbenzene	<0.023		0.064	0.023	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2-Dibromoethane	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2-Dichlorobenzene	<0.021		0.064	0.021	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2-Dichloroethane	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,2-Dichloropropane	<0.027		0.064	0.027	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,3,5-Trimethylbenzene	<0.024		0.064	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,3-Dichlorobenzene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,3-Dichloropropane	<0.023		0.064	0.023	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
1,4-Dichlorobenzene	<0.023		0.064	0.023	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
2,2-Dichloropropane	<0.028		0.064	0.028	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
2-Chlorotoluene	<0.020		0.064	0.020	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
4-Chlorotoluene	<0.022		0.064	0.022	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Benzene	<0.0093		0.016	0.0093	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Bromobenzene	<0.023		0.064	0.023	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Bromochloromethane	<0.027		0.064	0.027	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Bromodichloromethane	<0.024		0.064	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Bromoform	<0.031		0.064	0.031	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Bromomethane	<0.051		0.19	0.051	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Carbon tetrachloride	<0.024		0.064	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Chlorobenzene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Chloroethane	<0.032		0.064	0.032	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Chloromethane	<0.020		0.064	0.020	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
cis-1,2-Dichloroethene	<0.026		0.064	0.026	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
cis-1,3-Dichloropropene	<0.027		0.064	0.027	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Dibromochloromethane	<0.031		0.064	0.031	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Dibromomethane	<0.017		0.064	0.017	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Hexachlorobutadiene	<0.028		0.064	0.028	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Isopropyl ether	<0.018		0.064	0.018	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Isopropylbenzene	<0.024		0.064	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Methyl tert-butyl ether	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Methylene Chloride	<0.10		0.32	0.10	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Naphthalene	<0.021		0.064	0.021	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
n-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
N-Propylbenzene	<0.026		0.064	0.026	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
p-Isopropyltoluene	<0.023		0.064	0.023	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-12 (0'-1')

Lab Sample ID: 500-195469-4

Date Collected: 03/01/21 15:25

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Styrene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
tert-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Tetrachloroethene	<0.024		0.064	0.024	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Toluene	<0.0094		0.016	0.0094	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
trans-1,2-Dichloroethene	<0.022		0.064	0.022	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
trans-1,3-Dichloropropene	<0.023		0.064	0.023	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Trichloroethene	<0.010		0.032	0.010	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Trichlorofluoromethane	<0.027		0.064	0.027	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Vinyl chloride	<0.017		0.064	0.017	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✱	03/01/21 15:25	03/04/21 19:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 126	03/01/21 15:25	03/04/21 19:53	50
4-Bromofluorobenzene (Surr)	102		72 - 124	03/01/21 15:25	03/04/21 19:53	50
Dibromofluoromethane (Surr)	91		75 - 120	03/01/21 15:25	03/04/21 19:53	50
Toluene-d8 (Surr)	101		75 - 120	03/01/21 15:25	03/04/21 19:53	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-14 (0'-1')

Lab Sample ID: 500-195469-5

Date Collected: 03/01/21 15:40

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.027		0.060	0.027	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,1,1-Trichloroethane	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,1,2,2-Tetrachloroethane	<0.024		0.060	0.024	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,1,2-Trichloroethane	<0.021		0.060	0.021	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,1-Dichloroethane	<0.024		0.060	0.024	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,1-Dichloroethene	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,1-Dichloropropene	<0.018		0.060	0.018	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2,3-Trichlorobenzene	<0.027		0.060	0.027	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2,4-Trichlorobenzene	<0.020		0.060	0.020	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2,4-Trimethylbenzene	0.34		0.060	0.021	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2-Dibromo-3-Chloropropane	<0.12		0.30	0.12	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2-Dibromoethane	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2-Dichlorobenzene	<0.020		0.060	0.020	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2-Dichloroethane	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,2-Dichloropropane	<0.025		0.060	0.025	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,3,5-Trimethylbenzene	0.13		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,3-Dichlorobenzene	<0.024		0.060	0.024	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,3-Dichloropropane	<0.022		0.060	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
1,4-Dichlorobenzene	<0.022		0.060	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
2,2-Dichloropropane	<0.026		0.060	0.026	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
2-Chlorotoluene	<0.019		0.060	0.019	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
4-Chlorotoluene	<0.021		0.060	0.021	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Benzene	0.47	F1	0.015	0.0087	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Bromobenzene	<0.021		0.060	0.021	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Bromochloromethane	<0.025		0.060	0.025	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Bromodichloromethane	<0.022		0.060	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Bromoform	<0.029		0.060	0.029	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Bromomethane	<0.047		0.18	0.047	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Carbon tetrachloride	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Chlorobenzene	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Chloroethane	<0.030		0.060	0.030	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Chloroform	<0.022		0.12	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Chloromethane	<0.019		0.060	0.019	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
cis-1,2-Dichloroethene	<0.024		0.060	0.024	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
cis-1,3-Dichloropropene	<0.025		0.060	0.025	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Dibromochloromethane	<0.029		0.060	0.029	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Dibromomethane	<0.016		0.060	0.016	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Dichlorodifluoromethane	<0.040		0.18	0.040	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Ethylbenzene	0.18		0.015	0.011	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Hexachlorobutadiene	<0.027		0.060	0.027	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Isopropyl ether	<0.016		0.060	0.016	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Isopropylbenzene	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Methyl tert-butyl ether	<0.023		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Methylene Chloride	<0.097		0.30	0.097	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Naphthalene	0.25		0.060	0.020	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
n-Butylbenzene	0.10		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
N-Propylbenzene	0.050	J	0.060	0.025	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
p-Isopropyltoluene	<0.022		0.060	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-14 (0'-1')

Lab Sample ID: 500-195469-5

Date Collected: 03/01/21 15:40

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.060	0.024	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Styrene	0.078		0.060	0.023	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
tert-Butylbenzene	<0.024		0.060	0.024	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Tetrachloroethene	<0.022		0.060	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Toluene	0.32		0.015	0.0087	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
trans-1,2-Dichloroethene	<0.021		0.060	0.021	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
trans-1,3-Dichloropropene	<0.022		0.060	0.022	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Trichloroethene	<0.0098		0.030	0.0098	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Trichlorofluoromethane	<0.025		0.060	0.025	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Vinyl chloride	<0.016		0.060	0.016	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50
Xylenes, Total	0.73		0.030	0.013	mg/Kg	✱	03/01/21 15:40	03/04/21 14:22	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 126	03/01/21 15:40	03/04/21 14:22	50
4-Bromofluorobenzene (Surr)	105		72 - 124	03/01/21 15:40	03/04/21 14:22	50
Dibromofluoromethane (Surr)	88		75 - 120	03/01/21 15:40	03/04/21 14:22	50
Toluene-d8 (Surr)	103		75 - 120	03/01/21 15:40	03/04/21 14:22	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.12		0.35	0.12	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20
PCB-1221	<0.16		0.35	0.16	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20
PCB-1232	<0.15		0.35	0.15	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20
PCB-1242	<0.12		0.35	0.12	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20
PCB-1248	<0.14		0.35	0.14	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20
PCB-1254	2.7		0.35	0.076	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20
PCB-1260	<0.17		0.35	0.17	mg/Kg	✱	03/03/21 16:23	03/04/21 07:51	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	49 - 129	03/03/21 16:23	03/04/21 07:51	20
DCB Decachlorobiphenyl	0	D	37 - 121	03/03/21 16:23	03/04/21 07:51	20

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-195469-6

Date Collected: 03/01/21 00:00

Matrix: Solid

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Bromoform	<0.024		0.050	0.024	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Chloroform	<0.019		0.10	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-195469-6

Date Collected: 03/01/21 00:00

Matrix: Solid

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Styrene	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		03/01/21 00:00	03/04/21 11:53	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		03/01/21 00:00	03/04/21 11:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		75 - 126	03/01/21 00:00	03/04/21 11:53	50
4-Bromofluorobenzene (Surr)	104		72 - 124	03/01/21 00:00	03/04/21 11:53	50
Dibromofluoromethane (Surr)	91		75 - 120	03/01/21 00:00	03/04/21 11:53	50
Toluene-d8 (Surr)	102		75 - 120	03/01/21 00:00	03/04/21 11:53	50

Definitions/Glossary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

GC/MS VOA

Prep Batch: 587137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-1	WB-SS-2 (0'-1')	Total/NA	Solid	5035	
500-195469-1 - DL	WB-SS-2 (0'-1')	Total/NA	Solid	5035	
500-195469-2	WB-SS-6 (0'-1')	Total/NA	Solid	5035	
500-195469-3	WB-SS-8 (0'-1')	Total/NA	Solid	5035	
500-195469-4	WB-SS-12 (0'-1')	Total/NA	Solid	5035	
500-195469-5	WB-SS-14 (0'-1')	Total/NA	Solid	5035	
500-195469-6	Trip Blank	Total/NA	Solid	5035	
LB3 500-587137/14-A	Method Blank	Total/NA	Solid	5035	
LCS 500-587137/15-A	Lab Control Sample	Total/NA	Solid	5035	
500-195469-5 MS	WB-SS-14 (0'-1')	Total/NA	Solid	5035	
500-195469-5 MSD	WB-SS-14 (0'-1')	Total/NA	Solid	5035	

Analysis Batch: 587211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-1	WB-SS-2 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-1 - DL	WB-SS-2 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-2	WB-SS-6 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-3	WB-SS-8 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-4	WB-SS-12 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-5	WB-SS-14 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-6	Trip Blank	Total/NA	Solid	8260B	587137
LB3 500-587137/14-A	Method Blank	Total/NA	Solid	8260B	587137
MB 500-587211/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-587137/15-A	Lab Control Sample	Total/NA	Solid	8260B	587137
LCS 500-587211/4	Lab Control Sample	Total/NA	Solid	8260B	
500-195469-5 MS	WB-SS-14 (0'-1')	Total/NA	Solid	8260B	587137
500-195469-5 MSD	WB-SS-14 (0'-1')	Total/NA	Solid	8260B	587137

GC Semi VOA

Prep Batch: 587113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-5	WB-SS-14 (0'-1')	Total/NA	Solid	3541	
MB 500-587113/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-587113/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 587179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-5	WB-SS-14 (0'-1')	Total/NA	Solid	8082A	587113
MB 500-587113/1-A	Method Blank	Total/NA	Solid	8082A	587113
LCS 500-587113/2-A	Lab Control Sample	Total/NA	Solid	8082A	587113

Prep Batch: 587319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-2	WB-SS-6 (0'-1')	Total/NA	Solid	3541	
MB 500-587319/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-587319/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 587353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-2	WB-SS-6 (0'-1')	Total/NA	Solid	8082A	587319

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QC Association Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

GC Semi VOA (Continued)

Analysis Batch: 587353 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-587319/1-A	Method Blank	Total/NA	Solid	8082A	587319
LCS 500-587319/2-A	Lab Control Sample	Total/NA	Solid	8082A	587319

General Chemistry

Analysis Batch: 587087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195469-1	WB-SS-2 (0'-1')	Total/NA	Solid	Moisture	
500-195469-2	WB-SS-6 (0'-1')	Total/NA	Solid	Moisture	
500-195469-3	WB-SS-8 (0'-1')	Total/NA	Solid	Moisture	
500-195469-4	WB-SS-12 (0'-1')	Total/NA	Solid	Moisture	
500-195469-5	WB-SS-14 (0'-1')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-195469-1	WB-SS-2 (0'-1')	83	98	89	101
500-195469-1 - DL	WB-SS-2 (0'-1')	83	108	91	104
500-195469-2	WB-SS-6 (0'-1')	85	102	91	102
500-195469-3	WB-SS-8 (0'-1')	84	102	91	100
500-195469-4	WB-SS-12 (0'-1')	81	102	91	101
500-195469-5	WB-SS-14 (0'-1')	85	105	88	103
500-195469-5 MS	WB-SS-14 (0'-1')	81	100	92	101
500-195469-5 MSD	WB-SS-14 (0'-1')	82	100	93	101
500-195469-6	Trip Blank	84	104	91	102
LB3 500-587137/14-A	Method Blank	83	104	91	102
LCS 500-587137/15-A	Lab Control Sample	81	97	91	102
LCS 500-587211/4	Lab Control Sample	81	101	92	103
MB 500-587211/6	Method Blank	85	111	94	103

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (49-129)	DCBP2 (37-121)
500-195469-2	WB-SS-6 (0'-1')	78	97
500-195469-5	WB-SS-14 (0'-1')	0 D	0 D
LCS 500-587113/2-A	Lab Control Sample	94	119
LCS 500-587319/2-A	Lab Control Sample	75	87
MB 500-587113/1-A	Method Blank	97	124 S1+
MB 500-587319/1-A	Method Blank	81	97

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: LB3 500-587137/14-A
Matrix: Solid
Analysis Batch: 587211

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587137

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Bromoform	<0.024		0.050	0.024	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Chloroform	<0.019		0.10	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: LB3 500-587137/14-A
Matrix: Solid
Analysis Batch: 587211

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587137

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Styrene	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		03/03/21 18:30	03/04/21 11:27	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		03/03/21 18:30	03/04/21 11:27	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	83		75 - 126	03/03/21 18:30	03/04/21 11:27	50
4-Bromofluorobenzene (Surr)	104		72 - 124	03/03/21 18:30	03/04/21 11:27	50
Dibromofluoromethane (Surr)	91		75 - 120	03/03/21 18:30	03/04/21 11:27	50
Toluene-d8 (Surr)	102		75 - 120	03/03/21 18:30	03/04/21 11:27	50

Lab Sample ID: LCS 500-587137/15-A
Matrix: Solid
Analysis Batch: 587211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	2.50	2.75		mg/Kg		110	70 - 125
1,1,1,2-Tetrachloroethane	2.50	2.46		mg/Kg		98	62 - 140
1,1,2-Trichloroethane	2.50	2.54		mg/Kg		102	71 - 130
1,1-Dichloroethane	2.50	2.33		mg/Kg		93	70 - 125
1,1-Dichloroethene	2.50	2.39		mg/Kg		95	67 - 122
1,1-Dichloropropene	2.50	2.70		mg/Kg		108	70 - 121
1,2,3-Trichlorobenzene	2.50	2.51		mg/Kg		100	51 - 145
1,2,3-Trichloropropane	2.50	2.37		mg/Kg		95	50 - 133
1,2,4-Trichlorobenzene	2.50	2.73		mg/Kg		109	57 - 137
1,2,4-Trimethylbenzene	2.50	2.73		mg/Kg		109	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	1.89		mg/Kg		75	56 - 123
1,2-Dibromoethane	2.50	2.53		mg/Kg		101	70 - 125
1,2-Dichlorobenzene	2.50	2.64		mg/Kg		105	70 - 125
1,2-Dichloroethane	2.50	2.26		mg/Kg		90	68 - 127
1,2-Dichloropropane	2.50	2.43		mg/Kg		97	67 - 130
1,3,5-Trimethylbenzene	2.50	2.77		mg/Kg		111	70 - 123
1,3-Dichlorobenzene	2.50	2.77		mg/Kg		111	70 - 125
1,3-Dichloropropane	2.50	2.57		mg/Kg		103	62 - 136
1,4-Dichlorobenzene	2.50	2.70		mg/Kg		108	70 - 120
2,2-Dichloropropane	2.50	2.70		mg/Kg		108	58 - 139
2-Chlorotoluene	2.50	2.70		mg/Kg		108	70 - 125
4-Chlorotoluene	2.50	2.65		mg/Kg		106	68 - 124
Benzene	2.50	2.59		mg/Kg		104	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: LCS 500-587137/15-A
Matrix: Solid
Analysis Batch: 587211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.70		mg/Kg		108	70 - 122
Bromochloromethane	2.50	2.67		mg/Kg		107	65 - 122
Bromodichloromethane	2.50	2.39		mg/Kg		96	69 - 120
Bromoform	2.50	2.25		mg/Kg		90	56 - 132
Bromomethane	2.50	1.73		mg/Kg		69	40 - 152
Carbon tetrachloride	2.50	2.44		mg/Kg		98	59 - 133
Chlorobenzene	2.50	2.81		mg/Kg		112	70 - 120
Chloroethane	2.50	2.10		mg/Kg		84	48 - 136
Chloroform	2.50	2.48		mg/Kg		99	70 - 120
Chloromethane	2.50	1.56		mg/Kg		62	56 - 152
cis-1,2-Dichloroethene	2.50	2.63		mg/Kg		105	70 - 125
cis-1,3-Dichloropropene	2.50	2.49		mg/Kg		100	64 - 127
Dibromochloromethane	2.50	2.40		mg/Kg		96	68 - 125
Dibromomethane	2.50	2.41		mg/Kg		97	70 - 120
Dichlorodifluoromethane	2.50	1.37		mg/Kg		55	40 - 159
Ethylbenzene	2.50	2.99		mg/Kg		120	70 - 123
Hexachlorobutadiene	2.50	3.01		mg/Kg		120	51 - 150
Isopropylbenzene	2.50	2.87		mg/Kg		115	70 - 126
Methyl tert-butyl ether	2.50	2.23		mg/Kg		89	55 - 123
Methylene Chloride	2.50	2.43		mg/Kg		97	69 - 125
Naphthalene	2.50	2.40		mg/Kg		96	53 - 144
n-Butylbenzene	2.50	2.88		mg/Kg		115	68 - 125
N-Propylbenzene	2.50	2.78		mg/Kg		111	69 - 127
p-Isopropyltoluene	2.50	2.86		mg/Kg		114	70 - 125
sec-Butylbenzene	2.50	2.87		mg/Kg		115	70 - 123
Styrene	2.50	2.76		mg/Kg		110	70 - 120
tert-Butylbenzene	2.50	2.80		mg/Kg		112	70 - 121
Tetrachloroethene	2.50	3.03		mg/Kg		121	70 - 128
Toluene	2.50	2.78		mg/Kg		111	70 - 125
trans-1,2-Dichloroethene	2.50	2.64		mg/Kg		106	70 - 125
trans-1,3-Dichloropropene	2.50	2.25		mg/Kg		90	62 - 128
Trichloroethene	2.50	2.79		mg/Kg		112	70 - 125
Trichlorofluoromethane	2.50	2.24		mg/Kg		90	55 - 128
Vinyl chloride	2.50	1.96		mg/Kg		78	64 - 126
Xylenes, Total	5.00	5.40		mg/Kg		108	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		75 - 126
4-Bromofluorobenzene (Surr)	97		72 - 124
Dibromofluoromethane (Surr)	91		75 - 120
Toluene-d8 (Surr)	102		75 - 120

Lab Sample ID: 500-195469-5 MS
Matrix: Solid
Analysis Batch: 587211

Client Sample ID: WB-SS-14 (0'-1')
Prep Type: Total/NA
Prep Batch: 587137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.027		2.98	2.50		mg/Kg	☆	84	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: 500-195469-5 MS

Matrix: Solid

Analysis Batch: 587211

Client Sample ID: WB-SS-14 (0'-1')

Prep Type: Total/NA

Prep Batch: 587137

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result			Result	Qualifier				
1,1,1-Trichloroethane	<0.023		2.98	2.69		mg/Kg	☼	90	70 - 125
1,1,1,2-Tetrachloroethane	<0.024		2.98	2.43		mg/Kg	☼	82	62 - 140
1,1,2-Trichloroethane	<0.021		2.98	2.48		mg/Kg	☼	83	71 - 130
1,1-Dichloroethane	<0.024		2.98	2.28		mg/Kg	☼	77	70 - 125
1,1-Dichloroethene	<0.023		2.98	2.43		mg/Kg	☼	82	67 - 122
1,1-Dichloropropene	<0.018		2.98	2.59		mg/Kg	☼	87	70 - 121
1,2,3-Trichlorobenzene	<0.027		2.98	2.35		mg/Kg	☼	79	51 - 145
1,2,3-Trichloropropane	<0.025		2.98	2.36		mg/Kg	☼	79	50 - 133
1,2,4-Trichlorobenzene	<0.020		2.98	2.46		mg/Kg	☼	83	57 - 137
1,2,4-Trimethylbenzene	0.34		2.98	2.63		mg/Kg	☼	77	70 - 123
1,2-Dibromo-3-Chloropropane	<0.12		2.98	1.87		mg/Kg	☼	63	56 - 123
1,2-Dibromoethane	<0.023		2.98	2.47		mg/Kg	☼	83	70 - 125
1,2-Dichlorobenzene	<0.020		2.98	2.53		mg/Kg	☼	85	70 - 125
1,2-Dichloroethane	<0.023		2.98	2.14		mg/Kg	☼	72	68 - 127
1,2-Dichloropropane	<0.025		2.98	2.30		mg/Kg	☼	77	67 - 130
1,3,5-Trimethylbenzene	0.13		2.98	2.69		mg/Kg	☼	86	70 - 123
1,3-Dichlorobenzene	<0.024		2.98	2.66		mg/Kg	☼	89	70 - 125
1,3-Dichloropropane	<0.022		2.98	2.46		mg/Kg	☼	83	62 - 136
1,4-Dichlorobenzene	<0.022		2.98	2.60		mg/Kg	☼	87	70 - 120
2,2-Dichloropropane	<0.026		2.98	2.76		mg/Kg	☼	93	58 - 139
2-Chlorotoluene	<0.019		2.98	2.62		mg/Kg	☼	88	70 - 125
4-Chlorotoluene	<0.021		2.98	2.57		mg/Kg	☼	86	68 - 124
Benzene	0.47	F1	2.98	2.49	F1	mg/Kg	☼	68	70 - 120
Bromobenzene	<0.021		2.98	2.66		mg/Kg	☼	89	70 - 122
Bromochloromethane	<0.025		2.98	2.60		mg/Kg	☼	88	65 - 122
Bromodichloromethane	<0.022		2.98	2.29		mg/Kg	☼	77	69 - 120
Bromoform	<0.029		2.98	2.24		mg/Kg	☼	75	56 - 132
Bromomethane	<0.047		2.98	2.64		mg/Kg	☼	89	40 - 152
Carbon tetrachloride	<0.023		2.98	2.40		mg/Kg	☼	81	59 - 133
Chlorobenzene	<0.023		2.98	2.65		mg/Kg	☼	89	70 - 120
Chloroethane	<0.030		2.98	2.27		mg/Kg	☼	76	48 - 136
Chloroform	<0.022		2.98	2.38		mg/Kg	☼	80	70 - 120
Chloromethane	<0.019		2.98	1.75		mg/Kg	☼	59	56 - 152
cis-1,2-Dichloroethene	<0.024		2.98	2.51		mg/Kg	☼	84	70 - 125
cis-1,3-Dichloropropene	<0.025		2.98	2.37		mg/Kg	☼	80	64 - 127
Dibromochloromethane	<0.029		2.98	2.37		mg/Kg	☼	80	68 - 125
Dibromomethane	<0.016		2.98	2.36		mg/Kg	☼	79	70 - 120
Dichlorodifluoromethane	<0.040		2.98	1.84		mg/Kg	☼	62	40 - 159
Ethylbenzene	0.18		2.98	2.83		mg/Kg	☼	89	70 - 123
Hexachlorobutadiene	<0.027		2.98	2.62		mg/Kg	☼	88	51 - 150
Isopropylbenzene	<0.023		2.98	2.80		mg/Kg	☼	94	70 - 126
Methyl tert-butyl ether	<0.023		2.98	2.15		mg/Kg	☼	72	55 - 123
Methylene Chloride	<0.097		2.98	2.36		mg/Kg	☼	79	69 - 125
Naphthalene	0.25		2.98	2.24		mg/Kg	☼	67	53 - 144
n-Butylbenzene	0.10		2.98	2.72		mg/Kg	☼	88	68 - 125
N-Propylbenzene	0.050	J	2.98	2.70		mg/Kg	☼	89	69 - 127
p-Isopropyltoluene	<0.022		2.98	2.76		mg/Kg	☼	93	70 - 125
sec-Butylbenzene	<0.024		2.98	2.77		mg/Kg	☼	93	70 - 123
Styrene	0.078		2.98	2.62		mg/Kg	☼	85	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: 500-195469-5 MS

Matrix: Solid

Analysis Batch: 587211

Client Sample ID: WB-SS-14 (0'-1')

Prep Type: Total/NA

Prep Batch: 587137

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
tert-Butylbenzene	<0.024		2.98	2.71		mg/Kg	☼	91		70 - 121
Tetrachloroethene	<0.022		2.98	2.88		mg/Kg	☼	97		70 - 128
Toluene	0.32		2.98	2.63		mg/Kg	☼	78		70 - 125
trans-1,2-Dichloroethene	<0.021		2.98	2.58		mg/Kg	☼	87		70 - 125
trans-1,3-Dichloropropene	<0.022		2.98	2.19		mg/Kg	☼	73		62 - 128
Trichloroethene	<0.0098		2.98	2.69		mg/Kg	☼	91		70 - 125
Trichlorofluoromethane	<0.025		2.98	2.25		mg/Kg	☼	76		55 - 128
Vinyl chloride	<0.016		2.98	2.11		mg/Kg	☼	71		64 - 126
Xylenes, Total	0.73		5.95	5.11		mg/Kg	☼	74		70 - 125
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	81		75 - 126							
4-Bromofluorobenzene (Surr)	100		72 - 124							
Dibromofluoromethane (Surr)	92		75 - 120							
Toluene-d8 (Surr)	101		75 - 120							

Lab Sample ID: 500-195469-5 MSD

Matrix: Solid

Analysis Batch: 587211

Client Sample ID: WB-SS-14 (0'-1')

Prep Type: Total/NA

Prep Batch: 587137

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.027		2.98	2.60		mg/Kg	☼	87		70 - 125	4	30
1,1,1-Trichloroethane	<0.023		2.98	2.77		mg/Kg	☼	93		70 - 125	3	30
1,1,1,2-Tetrachloroethane	<0.024		2.98	2.53		mg/Kg	☼	85		62 - 140	4	30
1,1,2-Trichloroethane	<0.021		2.98	2.53		mg/Kg	☼	85		71 - 130	2	30
1,1-Dichloroethane	<0.024		2.98	2.34		mg/Kg	☼	79		70 - 125	3	30
1,1-Dichloroethene	<0.023		2.98	2.48		mg/Kg	☼	83		67 - 122	2	30
1,1-Dichloropropene	<0.018		2.98	2.67		mg/Kg	☼	90		70 - 121	3	30
1,2,3-Trichlorobenzene	<0.027		2.98	2.32		mg/Kg	☼	78		51 - 145	1	30
1,2,3-Trichloropropane	<0.025		2.98	2.46		mg/Kg	☼	83		50 - 133	4	30
1,2,4-Trichlorobenzene	<0.020		2.98	2.45		mg/Kg	☼	82		57 - 137	0	30
1,2,4-Trimethylbenzene	0.34		2.98	2.74		mg/Kg	☼	80		70 - 123	4	30
1,2-Dibromo-3-Chloropropane	<0.12		2.98	1.87		mg/Kg	☼	63		56 - 123	0	30
1,2-Dibromoethane	<0.023		2.98	2.53		mg/Kg	☼	85		70 - 125	3	30
1,2-Dichlorobenzene	<0.020		2.98	2.65		mg/Kg	☼	89		70 - 125	5	30
1,2-Dichloroethane	<0.023		2.98	2.20		mg/Kg	☼	74		68 - 127	3	30
1,2-Dichloropropane	<0.025		2.98	2.34		mg/Kg	☼	79		67 - 130	2	30
1,3,5-Trimethylbenzene	0.13		2.98	2.76		mg/Kg	☼	88		70 - 123	3	30
1,3-Dichlorobenzene	<0.024		2.98	2.77		mg/Kg	☼	93		70 - 125	4	30
1,3-Dichloropropane	<0.022		2.98	2.51		mg/Kg	☼	84		62 - 136	2	30
1,4-Dichlorobenzene	<0.022		2.98	2.71		mg/Kg	☼	91		70 - 120	4	30
2,2-Dichloropropane	<0.026		2.98	2.94		mg/Kg	☼	99		58 - 139	6	30
2-Chlorotoluene	<0.019		2.98	2.73		mg/Kg	☼	92		70 - 125	4	30
4-Chlorotoluene	<0.021		2.98	2.66		mg/Kg	☼	89		68 - 124	3	30
Benzene	0.47	F1	2.98	2.56		mg/Kg	☼	70		70 - 120	3	30
Bromobenzene	<0.021		2.98	2.73		mg/Kg	☼	92		70 - 122	3	30
Bromochloromethane	<0.025		2.98	2.71		mg/Kg	☼	91		65 - 122	4	30
Bromodichloromethane	<0.022		2.98	2.40		mg/Kg	☼	81		69 - 120	5	30

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: 500-195469-5 MSD

Matrix: Solid

Analysis Batch: 587211

Client Sample ID: WB-SS-14 (0'-1')

Prep Type: Total/NA

Prep Batch: 587137

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Bromoform	<0.029		2.98	2.36		mg/Kg	☼	79	56 - 132	5	30
Bromomethane	<0.047		2.98	2.80		mg/Kg	☼	94	40 - 152	6	30
Carbon tetrachloride	<0.023		2.98	2.47		mg/Kg	☼	83	59 - 133	3	30
Chlorobenzene	<0.023		2.98	2.76		mg/Kg	☼	93	70 - 120	4	30
Chloroethane	<0.030		2.98	2.39		mg/Kg	☼	80	48 - 136	5	30
Chloroform	<0.022		2.98	2.45		mg/Kg	☼	82	70 - 120	3	30
Chloromethane	<0.019		2.98	1.85		mg/Kg	☼	62	56 - 152	6	30
cis-1,2-Dichloroethene	<0.024		2.98	2.63		mg/Kg	☼	88	70 - 125	4	30
cis-1,3-Dichloropropene	<0.025		2.98	2.48		mg/Kg	☼	83	64 - 127	4	30
Dibromochloromethane	<0.029		2.98	2.48		mg/Kg	☼	83	68 - 125	5	30
Dibromomethane	<0.016		2.98	2.45		mg/Kg	☼	82	70 - 120	4	30
Dichlorodifluoromethane	<0.040		2.98	1.92		mg/Kg	☼	65	40 - 159	4	30
Ethylbenzene	0.18		2.98	2.93		mg/Kg	☼	92	70 - 123	3	30
Hexachlorobutadiene	<0.027		2.98	2.61		mg/Kg	☼	88	51 - 150	1	30
Isopropylbenzene	<0.023		2.98	2.90		mg/Kg	☼	98	70 - 126	4	30
Methyl tert-butyl ether	<0.023		2.98	2.27		mg/Kg	☼	76	55 - 123	5	30
Methylene Chloride	<0.097		2.98	2.49		mg/Kg	☼	84	69 - 125	5	30
Naphthalene	0.25		2.98	2.23		mg/Kg	☼	67	53 - 144	0	30
n-Butylbenzene	0.10		2.98	2.75		mg/Kg	☼	89	68 - 125	1	30
N-Propylbenzene	0.050	J	2.98	2.80		mg/Kg	☼	92	69 - 127	4	30
p-Isopropyltoluene	<0.022		2.98	2.84		mg/Kg	☼	95	70 - 125	3	30
sec-Butylbenzene	<0.024		2.98	2.84		mg/Kg	☼	95	70 - 123	2	30
Styrene	0.078		2.98	2.69		mg/Kg	☼	88	70 - 120	3	30
tert-Butylbenzene	<0.024		2.98	2.81		mg/Kg	☼	94	70 - 121	3	30
Tetrachloroethene	<0.022		2.98	2.96		mg/Kg	☼	100	70 - 128	3	30
Toluene	0.32		2.98	2.71		mg/Kg	☼	80	70 - 125	3	30
trans-1,2-Dichloroethene	<0.021		2.98	2.68		mg/Kg	☼	90	70 - 125	4	30
trans-1,3-Dichloropropene	<0.022		2.98	2.28		mg/Kg	☼	77	62 - 128	4	30
Trichloroethene	<0.0098		2.98	2.77		mg/Kg	☼	93	70 - 125	3	30
Trichlorofluoromethane	<0.025		2.98	2.39		mg/Kg	☼	80	55 - 128	6	30
Vinyl chloride	<0.016		2.98	2.25		mg/Kg	☼	76	64 - 126	6	30
Xylenes, Total	0.73		5.95	5.29		mg/Kg	☼	77	70 - 125	3	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	82		75 - 126
4-Bromofluorobenzene (Surr)	100		72 - 124
Dibromofluoromethane (Surr)	93		75 - 120
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-587211/6

Matrix: Solid

Analysis Batch: 587211

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			03/04/21 11:02	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			03/04/21 11:02	1
1,1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			03/04/21 11:02	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			03/04/21 11:02	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: MB 500-587211/6
Matrix: Solid
Analysis Batch: 587211

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			03/04/21 11:02	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			03/04/21 11:02	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			03/04/21 11:02	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			03/04/21 11:02	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			03/04/21 11:02	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			03/04/21 11:02	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			03/04/21 11:02	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			03/04/21 11:02	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			03/04/21 11:02	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			03/04/21 11:02	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			03/04/21 11:02	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			03/04/21 11:02	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			03/04/21 11:02	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			03/04/21 11:02	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			03/04/21 11:02	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			03/04/21 11:02	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			03/04/21 11:02	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			03/04/21 11:02	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			03/04/21 11:02	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			03/04/21 11:02	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			03/04/21 11:02	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			03/04/21 11:02	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			03/04/21 11:02	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			03/04/21 11:02	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			03/04/21 11:02	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			03/04/21 11:02	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			03/04/21 11:02	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			03/04/21 11:02	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			03/04/21 11:02	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			03/04/21 11:02	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			03/04/21 11:02	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			03/04/21 11:02	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			03/04/21 11:02	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			03/04/21 11:02	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			03/04/21 11:02	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			03/04/21 11:02	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			03/04/21 11:02	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			03/04/21 11:02	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			03/04/21 11:02	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			03/04/21 11:02	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			03/04/21 11:02	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			03/04/21 11:02	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			03/04/21 11:02	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: MB 500-587211/6
Matrix: Solid
Analysis Batch: 587211

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.00015		0.00025	0.00015	mg/Kg			03/04/21 11:02	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			03/04/21 11:02	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			03/04/21 11:02	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			03/04/21 11:02	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			03/04/21 11:02	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			03/04/21 11:02	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			03/04/21 11:02	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	85		75 - 126		03/04/21 11:02	1
4-Bromofluorobenzene (Surr)	111		72 - 124		03/04/21 11:02	1
Dibromofluoromethane (Surr)	94		75 - 120		03/04/21 11:02	1
Toluene-d8 (Surr)	103		75 - 120		03/04/21 11:02	1

Lab Sample ID: LCS 500-587211/4
Matrix: Solid
Analysis Batch: 587211

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	0.0500	0.0469		mg/Kg		94	70 - 125
1,1,1-Trichloroethane	0.0500	0.0480		mg/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0443		mg/Kg		89	62 - 140
1,1,2-Trichloroethane	0.0500	0.0442		mg/Kg		88	71 - 130
1,1-Dichloroethane	0.0500	0.0400		mg/Kg		80	70 - 125
1,1-Dichloroethene	0.0500	0.0429		mg/Kg		86	67 - 122
1,1-Dichloropropene	0.0500	0.0459		mg/Kg		92	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0401		mg/Kg		80	51 - 145
1,2,3-Trichloropropane	0.0500	0.0439		mg/Kg		88	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0425		mg/Kg		85	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0476		mg/Kg		95	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0345		mg/Kg		69	56 - 123
1,2-Dibromoethane	0.0500	0.0442		mg/Kg		88	70 - 125
1,2-Dichlorobenzene	0.0500	0.0458		mg/Kg		92	70 - 125
1,2-Dichloroethane	0.0500	0.0387		mg/Kg		77	68 - 127
1,2-Dichloropropane	0.0500	0.0418		mg/Kg		84	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0485		mg/Kg		97	70 - 123
1,3-Dichlorobenzene	0.0500	0.0486		mg/Kg		97	70 - 125
1,3-Dichloropropane	0.0500	0.0440		mg/Kg		88	62 - 136
1,4-Dichlorobenzene	0.0500	0.0473		mg/Kg		95	70 - 120
2,2-Dichloropropane	0.0500	0.0497		mg/Kg		99	58 - 139
2-Chlorotoluene	0.0500	0.0476		mg/Kg		95	70 - 125
4-Chlorotoluene	0.0500	0.0467		mg/Kg		93	68 - 124
Benzene	0.0500	0.0444		mg/Kg		89	70 - 120
Bromobenzene	0.0500	0.0484		mg/Kg		97	70 - 122
Bromochloromethane	0.0500	0.0460		mg/Kg		92	65 - 122
Bromodichloromethane	0.0500	0.0429		mg/Kg		86	69 - 120
Bromoform	0.0500	0.0433		mg/Kg		87	56 - 132
Bromomethane	0.0500	0.0477		mg/Kg		95	40 - 152

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: LCS 500-587211/4
Matrix: Solid
Analysis Batch: 587211

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.0500	0.0435		mg/Kg		87	59 - 133
Chlorobenzene	0.0500	0.0485		mg/Kg		97	70 - 120
Chloroethane	0.0500	0.0405		mg/Kg		81	48 - 136
Chloroform	0.0500	0.0425		mg/Kg		85	70 - 120
Chloromethane	0.0500	0.0315		mg/Kg		63	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0456		mg/Kg		91	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0438		mg/Kg		88	64 - 127
Dibromochloromethane	0.0500	0.0448		mg/Kg		90	68 - 125
Dibromomethane	0.0500	0.0423		mg/Kg		85	70 - 120
Dichlorodifluoromethane	0.0500	0.0341		mg/Kg		68	40 - 159
Ethylbenzene	0.0500	0.0511		mg/Kg		102	70 - 123
Hexachlorobutadiene	0.0500	0.0440		mg/Kg		88	51 - 150
Isopropylbenzene	0.0500	0.0505		mg/Kg		101	70 - 126
Methyl tert-butyl ether	0.0500	0.0381		mg/Kg		76	55 - 123
Methylene Chloride	0.0500	0.0420		mg/Kg		84	69 - 125
Naphthalene	0.0500	0.0378		mg/Kg		76	53 - 144
n-Butylbenzene	0.0500	0.0477		mg/Kg		95	68 - 125
N-Propylbenzene	0.0500	0.0484		mg/Kg		97	69 - 127
p-Isopropyltoluene	0.0500	0.0490		mg/Kg		98	70 - 125
sec-Butylbenzene	0.0500	0.0494		mg/Kg		99	70 - 123
Styrene	0.0500	0.0472		mg/Kg		94	70 - 120
tert-Butylbenzene	0.0500	0.0491		mg/Kg		98	70 - 121
Tetrachloroethene	0.0500	0.0517		mg/Kg		103	70 - 128
Toluene	0.0500	0.0474		mg/Kg		95	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0461		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0404		mg/Kg		81	62 - 128
Trichloroethene	0.0500	0.0480		mg/Kg		96	70 - 125
Trichlorofluoromethane	0.0500	0.0405		mg/Kg		81	55 - 128
Vinyl chloride	0.0500	0.0382		mg/Kg		76	64 - 126
Xylenes, Total	0.100	0.0919		mg/Kg		92	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		75 - 126
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	92		75 - 120
Toluene-d8 (Surr)	103		75 - 120

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

Lab Sample ID: MB 500-587113/1-A
Matrix: Solid
Analysis Batch: 587179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		03/03/21 16:23	03/04/21 02:43	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		03/03/21 16:23	03/04/21 02:43	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		03/03/21 16:23	03/04/21 02:43	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		03/03/21 16:23	03/04/21 02:43	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		03/03/21 16:23	03/04/21 02:43	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

Lab Sample ID: MB 500-587113/1-A
Matrix: Solid
Analysis Batch: 587179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587113

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		03/03/21 16:23	03/04/21 02:43	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		03/03/21 16:23	03/04/21 02:43	1
Surrogate	MB MB		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier		Result	Qualifier				
Tetrachloro-m-xylene	97		49 - 129				03/03/21 16:23	03/04/21 02:43	1
DCB Decachlorobiphenyl	124	S1+	37 - 121				03/03/21 16:23	03/04/21 02:43	1

Lab Sample ID: LCS 500-587113/2-A
Matrix: Solid
Analysis Batch: 587179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587113

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	0.167	0.157		mg/Kg		94	57 - 120
PCB-1260	0.167	0.168		mg/Kg		101	61 - 125
Surrogate	LCS LCS		Limits			D	%Rec. Limits
	%Recovery	Qualifier		Result	Qualifier		
Tetrachloro-m-xylene	94		49 - 129				
DCB Decachlorobiphenyl	119		37 - 121				

Lab Sample ID: MB 500-587319/1-A
Matrix: Solid
Analysis Batch: 587353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587319

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		03/04/21 16:43	03/04/21 21:49	1
Surrogate	MB MB		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier		Result	Qualifier				
Tetrachloro-m-xylene	81		49 - 129				03/04/21 16:43	03/04/21 21:49	1
DCB Decachlorobiphenyl	97		37 - 121				03/04/21 16:43	03/04/21 21:49	1

Lab Sample ID: LCS 500-587319/2-A
Matrix: Solid
Analysis Batch: 587353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587319

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	0.167	0.123		mg/Kg		74	57 - 120
PCB-1260	0.167	0.130		mg/Kg		78	61 - 125
Surrogate	LCS LCS		Limits			D	%Rec. Limits
	%Recovery	Qualifier		Result	Qualifier		
Tetrachloro-m-xylene	75		49 - 129				
DCB Decachlorobiphenyl	87		37 - 121				

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-2 (0'-1')

Date Collected: 03/01/21 16:20

Date Received: 03/03/21 10:00

Lab Sample ID: 500-195469-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	587087	03/03/21 13:49	LWN	TAL CHI

Client Sample ID: WB-SS-2 (0'-1')

Date Collected: 03/01/21 16:20

Date Received: 03/03/21 10:00

Lab Sample ID: 500-195469-1

Matrix: Solid

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587137	03/01/21 16:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587211	03/04/21 12:18	EMA	TAL CHI
Total/NA	Prep	5035	DL		587137	03/01/21 16:20	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	587211	03/04/21 12:43	EMA	TAL CHI

Client Sample ID: WB-SS-6 (0'-1')

Date Collected: 03/01/21 16:00

Date Received: 03/03/21 10:00

Lab Sample ID: 500-195469-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	587087	03/03/21 13:49	LWN	TAL CHI

Client Sample ID: WB-SS-6 (0'-1')

Date Collected: 03/01/21 16:00

Date Received: 03/03/21 10:00

Lab Sample ID: 500-195469-2

Matrix: Solid

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587137	03/01/21 16:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587211	03/04/21 13:08	EMA	TAL CHI
Total/NA	Prep	3541			587319	03/04/21 16:43	ACK	TAL CHI
Total/NA	Analysis	8082A		1	587353	03/05/21 01:40	SS	TAL CHI

Client Sample ID: WB-SS-8 (0'-1')

Date Collected: 03/01/21 15:50

Date Received: 03/03/21 10:00

Lab Sample ID: 500-195469-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	587087	03/03/21 13:49	LWN	TAL CHI

Client Sample ID: WB-SS-8 (0'-1')

Date Collected: 03/01/21 15:50

Date Received: 03/03/21 10:00

Lab Sample ID: 500-195469-3

Matrix: Solid

Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587137	03/01/21 15:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587211	03/04/21 13:32	EMA	TAL CHI

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

Client Sample ID: WB-SS-12 (0'-1')

Lab Sample ID: 500-195469-4

Date Collected: 03/01/21 15:25

Matrix: Solid

Date Received: 03/03/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	587087	03/03/21 13:49	LWN	TAL CHI

Client Sample ID: WB-SS-12 (0'-1')

Lab Sample ID: 500-195469-4

Date Collected: 03/01/21 15:25

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587137	03/01/21 15:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587211	03/04/21 19:53	EMA	TAL CHI

Client Sample ID: WB-SS-14 (0'-1')

Lab Sample ID: 500-195469-5

Date Collected: 03/01/21 15:40

Matrix: Solid

Date Received: 03/03/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	587087	03/03/21 13:49	LWN	TAL CHI

Client Sample ID: WB-SS-14 (0'-1')

Lab Sample ID: 500-195469-5

Date Collected: 03/01/21 15:40

Matrix: Solid

Date Received: 03/03/21 10:00

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587137	03/01/21 15:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587211	03/04/21 14:22	EMA	TAL CHI
Total/NA	Prep	3541			587113	03/03/21 16:23	JP1	TAL CHI
Total/NA	Analysis	8082A		20	587179	03/04/21 07:51	SS	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-195469-6

Date Collected: 03/01/21 00:00

Matrix: Solid

Date Received: 03/03/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587137	03/01/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587211	03/04/21 11:53	EMA	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
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195469-1

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

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



500-195469

Sample Collector(s) Kyle Vander Heiden	Title Staff Geologist	Telephone # (incl area code) (262) 821-1171	Report To Kyle Vander Heiden & Robert Reineke
Property Owner Community Within the Corridor Limited Partnership	Property Address 2748 N 32nd Street Milwaukee WI 53208	Telephone # (incl area code) N/A	KSingh Project # 40420

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

Relinquished By (Signature) <i>[Signature]</i>	Date/Time 3/2/21 @ 0900	Received By (Signature) <i>[Signature]</i>	Temperature Blank 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) <i>[Signature]</i>	Date/Time 3-2-21 17.00	Received By (Signature) Stephanie Hernandez	ETA-CHI 3/3/21 1000

1 Specify groundwater (GW), soil (S) air (A) sludge (SL), surface water (SW) etc												Sample Condition Temp: 1.1							
2 Sample description must clearly correlate the sample I D to the sampling location												# / Type of Container				Other Comment			
Date Collected	Time Collected	Samples		Location/Description (2)	8260B VOC	PCBs									MeOH	--	--	Unpres	Other Comment
		Type (1)	Device																
3/1/2021	1620	S	Auger	WB-SS-2 (0'-1')	X										1			1	
3/1/2021	1600	S	Auger	WB-SS-6 (0'-1')	X	X									1			2	
3/1/2021	1550	S	Auger	WB-SS-8 (0'-1')	X										1			1	
3/1/2021	1525	S	Auger	WB-SS-12 (0'-1')	X										1			1	
3/1/2021	1540	S	Auger	WB-SS-14 (0'-1')	X	X									1			2	
---	---	---	---	Trp Blank	X										1			0	

NOTE(S) 5-day turn requested

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



Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-195469-1

Login Number: 195469

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

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

Laboratory Job ID: 500-197099-1

Client Project/Site: Community Within the Corridor - 40443

For:

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

Attn: Mr. Robert Reineke



Authorized for release by:
4/15/2021 3:16:34 PM

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

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	5
Method Summary	7
Sample Summary	8
Client Sample Results	9
Definitions	45
QC Association	46
Surrogate Summary	49
QC Sample Results	51
Chronicle	64
Certification Summary	70
Chain of Custody	71
Receipt Checklists	73

Case Narrative

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

Job ID: 500-197099-1

Job ID: 500-197099-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-197099-1

Comments

No additional comments.

Receipt

The samples were received on 4/6/2021 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

GC/MS VOA

Method 8260B: Methylene chloride was detected in the following samples: WB-Int-15 (0.5'-1.5') (500-197099-7), WB-Int-16 (0.5'-1.5') (500-197099-8), WB-Int-17 (0.5'-1.5') (500-197099-9), WB-Int-1 (0.5'-1.5') (500-197099-10), WB-Int-2 (0.5'-1.5') (500-197099-11), WB-Int-3 (0.5'-1.5') (500-197099-12), WB-Int-4 (0.5'-1.5') (500-197099-13), WB-Int-5 (0.5'-1.5') (500-197099-14), WB-Int-6 (0.5'-1.5') (500-197099-15), WB-Int-7 (0.5'-1.5') (500-197099-16), WB-Int-8 (0.5'-1.5') (500-197099-17) and TB (500-197099-18). The method blank associated with these samples also had a small hit for Methylene chloride. Methylene chloride is a known lab contaminant; therefore all low level detects for this compound (less than 3 times the reporting limit) could be suspected as lab contamination.

Method 8260B: The matrix spike duplicate (MSD) for the following sample was analyzed outside the 12 hour tune window. No further action was taken. WB-Int-14 (0.5'-1.5') (500-197099-6)

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

GC Semi VOA

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1016: WB-Int-13 (0.5'-1.5') (500-197099-5).

Method 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: WB-Int-14 (0.5'-1.5') (500-197099-6), WB-Int-17 (0.5'-1.5') (500-197099-9) and WB-Int-1 (0.5'-1.5') (500-197099-10). The samples have been quantified and reported as PCB-1248. Due to the poor match with the Aroclor standards, there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082A: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: WB-Int-2 (0.5'-1.5') (500-197099-11), WB-Int-4 (0.5'-1.5') (500-197099-13) and WB-Int-5 (0.5'-1.5') (500-197099-14). The sample has been quantified and reported as PCB-1254. Due to the poor match with the Aroclor standards, there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082A: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: WB-Int-16 (0.5'-1.5') (500-197099-8). The sample has been quantified and reported as PCB-1260. Due to the poor match with the Aroclor standards, there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082A: The %RPD between the primary and confirmation column exceeded 40% for PCB-1254 for the following samples: WB-Int-2 (0.5'-1.5') (500-197099-11) and WB-Int-5 (0.5'-1.5') (500-197099-14). The <CHOOSE_ONE> lower / higher values has been reported and qualified in accordance with the laboratory's SOP.

Method 8082A: The following samples were reported from the primary column due to PCB-1016 and PCB-1260 recovering outside control limits for the continuing calibration verification (CCVIS) on the secondary column; therefore, the higher of the two results have been reported.

WB-Int-13 (0.5'-1.5') (500-197099-5), WB-Int-14 (0.5'-1.5') (500-197099-6), WB-Int-16 (0.5'-1.5') (500-197099-8), WB-Int-17 (0.5'-1.5') (500-197099-9), WB-Int-1 (0.5'-1.5') (500-197099-10), WB-Int-2 (0.5'-1.5') (500-197099-11), WB-Int-3 (0.5'-1.5') (500-197099-12), WB-Int-4 (0.5'-1.5') (500-197099-13), WB-Int-5 (0.5'-1.5') (500-197099-14) and (CCVIS 500-592199/1)

Case Narrative

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

Job ID: 500-197099-1

Job ID: 500-197099-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following matrix spike (MS) was outside control limits: WB-Int-9 (0.5'-1.5') (500-197099-1) and (500-197099-C-1-B MS). The other surrogate was within limits; therefore, re-analysis was not performed.

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

Metals

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

Organic Prep

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

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Detection Summary

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-9 (0.5'-1.5')

Lab Sample ID: 500-197099-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.025		0.019	0.0074	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-10 (0.5'-1.5')

Lab Sample ID: 500-197099-2

No Detections.

Client Sample ID: WB-Int-11 (0.5'-1.5')

Lab Sample ID: 500-197099-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.031	J	0.032	0.010	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-Int-12 (0.5'-1.5')

Lab Sample ID: 500-197099-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.0059	J	0.019	0.0041	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-13 (0.5'-1.5')

Lab Sample ID: 500-197099-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.19		0.019	0.0076	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-14 (0.5'-1.5')

Lab Sample ID: 500-197099-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.20		0.017	0.0069	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-15 (0.5'-1.5')

Lab Sample ID: 500-197099-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.20	J B	0.31	0.10	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-Int-16 (0.5'-1.5')

Lab Sample ID: 500-197099-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.20	J B	0.31	0.10	mg/Kg	50	✳	8260B	Total/NA
Naphthalene	0.024	J	0.063	0.021	mg/Kg	50	✳	8260B	Total/NA
Xylenes, Total	0.028	J	0.031	0.014	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.49		0.19	0.042	mg/Kg	10	✳	8082A	Total/NA

Client Sample ID: WB-Int-17 (0.5'-1.5')

Lab Sample ID: 500-197099-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.20	J B	0.33	0.11	mg/Kg	50	✳	8260B	Total/NA
PCB-1248	0.35		0.095	0.037	mg/Kg	5	✳	8082A	Total/NA

Client Sample ID: WB-Int-1 (0.5'-1.5')

Lab Sample ID: 500-197099-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.20	J B	0.32	0.10	mg/Kg	50	✳	8260B	Total/NA
Toluene	0.028		0.016	0.0093	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.17		0.019	0.0041	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-2 (0.5'-1.5')

Lab Sample ID: 500-197099-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.62	B	0.31	0.10	mg/Kg	50	✳	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-2 (0.5'-1.5') (Continued)

Lab Sample ID: 500-197099-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.083		0.018	0.0040	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-3 (0.5'-1.5')

Lab Sample ID: 500-197099-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.65	B	0.33	0.11	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.023		0.019	0.0041	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-4 (0.5'-1.5')

Lab Sample ID: 500-197099-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.60	B	0.31	0.10	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.051		0.019	0.0040	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-5 (0.5'-1.5')

Lab Sample ID: 500-197099-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.61	B	0.33	0.11	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.0084	J	0.019	0.0041	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-Int-6 (0.5'-1.5')

Lab Sample ID: 500-197099-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.58	B	0.31	0.10	mg/Kg	50	✳	8260B	Total/NA
Tetrachloroethene	0.31		0.062	0.023	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-Int-7 (0.5'-1.5')

Lab Sample ID: 500-197099-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.57	B	0.30	0.099	mg/Kg	50	✳	8260B	Total/NA
Tetrachloroethene	3.0		0.061	0.023	mg/Kg	50	✳	8260B	Total/NA
Trichloroethene	0.021	J	0.030	0.010	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-Int-8 (0.5'-1.5')

Lab Sample ID: 500-197099-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.57	B	0.30	0.097	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: TB

Lab Sample ID: 500-197099-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.16	J B	0.25	0.082	mg/Kg	50		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

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

Job ID: 500-197099-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3541	Automated Soxhlet Extraction	SW846	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 - 40443

Job ID: 500-197099-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-197099-1	WB-Int-9 (0.5'-1.5')	Solid	04/02/21 14:40	04/06/21 08:40	
500-197099-2	WB-Int-10 (0.5'-1.5')	Solid	04/02/21 11:40	04/06/21 08:40	
500-197099-3	WB-Int-11 (0.5'-1.5')	Solid	04/02/21 12:25	04/06/21 08:40	
500-197099-4	WB-Int-12 (0.5'-1.5')	Solid	04/02/21 12:55	04/06/21 08:40	
500-197099-5	WB-Int-13 (0.5'-1.5')	Solid	04/02/21 13:05	04/06/21 08:40	
500-197099-6	WB-Int-14 (0.5'-1.5')	Solid	04/02/21 13:15	04/06/21 08:40	
500-197099-7	WB-Int-15 (0.5'-1.5')	Solid	04/02/21 13:25	04/06/21 08:40	
500-197099-8	WB-Int-16 (0.5'-1.5')	Solid	04/02/21 13:50	04/06/21 08:40	
500-197099-9	WB-Int-17 (0.5'-1.5')	Solid	04/02/21 14:20	04/06/21 08:40	
500-197099-10	WB-Int-1 (0.5'-1.5')	Solid	04/05/21 14:15	04/06/21 08:40	
500-197099-11	WB-Int-2 (0.5'-1.5')	Solid	04/05/21 14:00	04/06/21 08:40	
500-197099-12	WB-Int-3 (0.5'-1.5')	Solid	04/05/21 13:40	04/06/21 08:40	
500-197099-13	WB-Int-4 (0.5'-1.5')	Solid	04/05/21 13:05	04/06/21 08:40	
500-197099-14	WB-Int-5 (0.5'-1.5')	Solid	04/05/21 12:50	04/06/21 08:40	
500-197099-15	WB-Int-6 (0.5'-1.5')	Solid	04/05/21 11:40	04/06/21 08:40	
500-197099-16	WB-Int-7 (0.5'-1.5')	Solid	04/05/21 11:00	04/06/21 08:40	
500-197099-17	WB-Int-8 (0.5'-1.5')	Solid	04/05/21 11:20	04/06/21 08:40	
500-197099-18	TB	Solid	04/05/21 00:00	04/06/21 08:40	

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-9 (0.5'-1.5')

Lab Sample ID: 500-197099-1

Date Collected: 04/02/21 14:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.9

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		0.063	0.029	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,1,1-Trichloroethane	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,1,2,2-Tetrachloroethane	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,1,2-Trichloroethane	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,1-Dichloroethane	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,1-Dichloroethene	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,1-Dichloropropene	<0.019		0.063	0.019	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2,3-Trichlorobenzene	<0.029		0.063	0.029	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2,4-Trichlorobenzene	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2,4-Trimethylbenzene	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2-Dibromoethane	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2-Dichlorobenzene	<0.021		0.063	0.021	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2-Dichloroethane	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,2-Dichloropropane	<0.027		0.063	0.027	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,3,5-Trimethylbenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,3-Dichlorobenzene	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,3-Dichloropropane	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
1,4-Dichlorobenzene	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
2,2-Dichloropropane	<0.028		0.063	0.028	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
2-Chlorotoluene	<0.020		0.063	0.020	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
4-Chlorotoluene	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Benzene	<0.0092		0.016	0.0092	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Bromobenzene	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Bromochloromethane	<0.027		0.063	0.027	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Bromodichloromethane	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Bromoform	<0.031		0.063	0.031	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Carbon tetrachloride	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Chlorobenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Chloroethane	<0.032		0.063	0.032	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Chloroform	<0.023		0.13	0.023	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Chloromethane	<0.020		0.063	0.020	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
cis-1,2-Dichloroethene	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
cis-1,3-Dichloropropene	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Dibromochloromethane	<0.031		0.063	0.031	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Dibromomethane	<0.017		0.063	0.017	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Hexachlorobutadiene	<0.028		0.063	0.028	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Isopropyl ether	<0.017		0.063	0.017	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Isopropylbenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Methyl tert-butyl ether	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Methylene Chloride	<0.10		0.32	0.10	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
Naphthalene	<0.021		0.063	0.021	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
n-Butylbenzene	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
N-Propylbenzene	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50
p-Isopropyltoluene	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 14:40	04/09/21 16:37	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-9 (0.5'-1.5')

Lab Sample ID: 500-197099-1

Date Collected: 04/02/21 14:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.063	0.025	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Styrene	<0.024		0.063	0.024	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
tert-Butylbenzene	<0.025		0.063	0.025	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Tetrachloroethene	<0.023		0.063	0.023	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Toluene	<0.0093		0.016	0.0093	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
trans-1,2-Dichloroethene	<0.022		0.063	0.022	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
trans-1,3-Dichloropropene	<0.023		0.063	0.023	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Trichloroethene	<0.010		0.032	0.010	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Trichlorofluoromethane	<0.027		0.063	0.027	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Vinyl chloride	<0.017		0.063	0.017	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✳	04/02/21 14:40	04/09/21 16:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 126	04/02/21 14:40	04/09/21 16:37	50
4-Bromofluorobenzene (Surr)	84		72 - 124	04/02/21 14:40	04/09/21 16:37	50
Dibromofluoromethane (Surr)	91		75 - 120	04/02/21 14:40	04/09/21 16:37	50
Toluene-d8 (Surr)	94		75 - 120	04/02/21 14:40	04/09/21 16:37	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.019	0.0066	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1
PCB-1221	<0.0083		0.019	0.0083	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1
PCB-1232	<0.0082		0.019	0.0082	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1
PCB-1248	0.025		0.019	0.0074	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1
PCB-1254	<0.0040		0.019	0.0040	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1
PCB-1260	<0.0092		0.019	0.0092	mg/Kg	✳	04/07/21 07:51	04/08/21 09:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		49 - 129	04/07/21 07:51	04/08/21 09:18	1
DCB Decachlorobiphenyl	94		37 - 121	04/07/21 07:51	04/08/21 09:18	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-10 (0.5'-1.5')

Lab Sample ID: 500-197099-2

Date Collected: 04/02/21 11:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.061	0.028	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,1,2,2-Tetrachloroethane	<0.024		0.061	0.024	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,1,2-Trichloroethane	<0.021		0.061	0.021	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2-Dibromo-3-Chloropropane	<0.12		0.30	0.12	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2-Dibromoethane	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2-Dichlorobenzene	<0.020		0.061	0.020	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,2-Dichloropropane	<0.026		0.061	0.026	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,3-Dichlorobenzene	<0.024		0.061	0.024	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
2-Chlorotoluene	<0.019		0.061	0.019	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
4-Chlorotoluene	<0.021		0.061	0.021	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Benzene	<0.0089		0.015	0.0089	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Bromobenzene	<0.022		0.061	0.022	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Bromodichloromethane	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Bromoform	<0.029		0.061	0.029	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Carbon tetrachloride	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Chlorobenzene	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Chloromethane	<0.019		0.061	0.019	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
cis-1,3-Dichloropropene	<0.025		0.061	0.025	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Dibromochloromethane	<0.030		0.061	0.030	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Dibromomethane	<0.016		0.061	0.016	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Isopropylbenzene	<0.023		0.061	0.023	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Methylene Chloride	<0.099		0.30	0.099	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
Naphthalene	<0.020		0.061	0.020	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	✱	04/02/21 11:40	04/09/21 17:05	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-10 (0.5'-1.5')

Lab Sample ID: 500-197099-2

Date Collected: 04/02/21 11:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Styrene	<0.023		0.061	0.023	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Tetrachloroethene	<0.023		0.061	0.023	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Toluene	<0.0089		0.015	0.0089	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
trans-1,2-Dichloroethene	<0.021		0.061	0.021	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
trans-1,3-Dichloropropene	<0.022		0.061	0.022	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Trichloroethene	<0.010		0.030	0.010	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	✳	04/02/21 11:40	04/09/21 17:05	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 126	04/02/21 11:40	04/09/21 17:05	50
4-Bromofluorobenzene (Surr)	86		72 - 124	04/02/21 11:40	04/09/21 17:05	50
Dibromofluoromethane (Surr)	91		75 - 120	04/02/21 11:40	04/09/21 17:05	50
Toluene-d8 (Surr)	94		75 - 120	04/02/21 11:40	04/09/21 17:05	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1
PCB-1221	<0.0083		0.019	0.0083	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1
PCB-1232	<0.0082		0.019	0.0082	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1
PCB-1248	<0.0074		0.019	0.0074	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1
PCB-1254	<0.0041		0.019	0.0041	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1
PCB-1260	<0.0093		0.019	0.0093	mg/Kg	✳	04/07/21 07:51	04/08/21 10:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		49 - 129	04/07/21 07:51	04/08/21 10:04	1
DCB Decachlorobiphenyl	99		37 - 121	04/07/21 07:51	04/08/21 10:04	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-11 (0.5'-1.5')

Lab Sample ID: 500-197099-3

Date Collected: 04/02/21 12:25

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.1

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		0.064	0.030	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,1,1-Trichloroethane	<0.024		0.064	0.024	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,1,2,2-Tetrachloroethane	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,1,2-Trichloroethane	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,1-Dichloroethane	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,1-Dichloroethene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,1-Dichloropropene	<0.019		0.064	0.019	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2,3-Trichlorobenzene	<0.029		0.064	0.029	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2,4-Trichlorobenzene	<0.022		0.064	0.022	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2,4-Trimethylbenzene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2-Dibromoethane	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2-Dichlorobenzene	<0.021		0.064	0.021	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2-Dichloroethane	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,2-Dichloropropane	<0.027		0.064	0.027	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,3,5-Trimethylbenzene	<0.024		0.064	0.024	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,3-Dichlorobenzene	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,3-Dichloropropane	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
1,4-Dichlorobenzene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
2,2-Dichloropropane	<0.028		0.064	0.028	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
2-Chlorotoluene	<0.020		0.064	0.020	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
4-Chlorotoluene	<0.022		0.064	0.022	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Benzene	<0.0093		0.016	0.0093	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Bromobenzene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Bromochloromethane	<0.027		0.064	0.027	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Bromodichloromethane	<0.024		0.064	0.024	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Bromoform	<0.031		0.064	0.031	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Bromomethane	<0.051		0.19	0.051	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Carbon tetrachloride	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Chlorobenzene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Chloroethane	<0.032		0.064	0.032	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Chloromethane	<0.020		0.064	0.020	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
cis-1,2-Dichloroethene	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
cis-1,3-Dichloropropene	<0.027		0.064	0.027	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Dibromochloromethane	<0.031		0.064	0.031	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Dibromomethane	<0.017		0.064	0.017	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Hexachlorobutadiene	<0.029		0.064	0.029	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Isopropyl ether	<0.018		0.064	0.018	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Isopropylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Methyl tert-butyl ether	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Methylene Chloride	<0.10		0.32	0.10	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
Naphthalene	<0.021		0.064	0.021	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
n-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
N-Propylbenzene	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50
p-Isopropyltoluene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:25	04/09/21 17:33	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-11 (0.5'-1.5')

Lab Sample ID: 500-197099-3

Date Collected: 04/02/21 12:25

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Styrene	<0.025		0.064	0.025	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
tert-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Tetrachloroethene	<0.024		0.064	0.024	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Toluene	<0.0094		0.016	0.0094	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
trans-1,2-Dichloroethene	<0.022		0.064	0.022	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
trans-1,3-Dichloropropene	<0.023		0.064	0.023	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Trichloroethene	0.031	J	0.032	0.010	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Trichlorofluoromethane	<0.027		0.064	0.027	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Vinyl chloride	<0.017		0.064	0.017	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✳	04/02/21 12:25	04/09/21 17:33	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	04/02/21 12:25	04/09/21 17:33	50
4-Bromofluorobenzene (Surr)	87		72 - 124	04/02/21 12:25	04/09/21 17:33	50
Dibromofluoromethane (Surr)	90		75 - 120	04/02/21 12:25	04/09/21 17:33	50
Toluene-d8 (Surr)	94		75 - 120	04/02/21 12:25	04/09/21 17:33	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1
PCB-1232	<0.0083		0.019	0.0083	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1
PCB-1242	<0.0063		0.019	0.0063	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1
PCB-1248	<0.0075		0.019	0.0075	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1
PCB-1254	<0.0041		0.019	0.0041	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1
PCB-1260	<0.0094		0.019	0.0094	mg/Kg	✳	04/07/21 07:51	04/08/21 10:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	59		49 - 129	04/07/21 07:51	04/08/21 10:20	1
DCB Decachlorobiphenyl	103		37 - 121	04/07/21 07:51	04/08/21 10:20	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-12 (0.5'-1.5')

Lab Sample ID: 500-197099-4

Date Collected: 04/02/21 12:55

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.6

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		0.064	0.030	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,1,1-Trichloroethane	<0.024		0.064	0.024	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,1,2,2-Tetrachloroethane	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,1,2-Trichloroethane	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,1-Dichloroethane	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,1-Dichloroethene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,1-Dichloropropene	<0.019		0.064	0.019	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2,3-Trichlorobenzene	<0.029		0.064	0.029	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2,4-Trichlorobenzene	<0.022		0.064	0.022	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2,4-Trimethylbenzene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2-Dibromoethane	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2-Dichlorobenzene	<0.021		0.064	0.021	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2-Dichloroethane	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,2-Dichloropropane	<0.027		0.064	0.027	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,3,5-Trimethylbenzene	<0.024		0.064	0.024	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,3-Dichlorobenzene	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,3-Dichloropropane	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
1,4-Dichlorobenzene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
2,2-Dichloropropane	<0.028		0.064	0.028	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
2-Chlorotoluene	<0.020		0.064	0.020	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
4-Chlorotoluene	<0.022		0.064	0.022	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Benzene	<0.0093		0.016	0.0093	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Bromobenzene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Bromochloromethane	<0.027		0.064	0.027	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Bromodichloromethane	<0.024		0.064	0.024	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Bromoform	<0.031		0.064	0.031	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Bromomethane	<0.051		0.19	0.051	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Carbon tetrachloride	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Chlorobenzene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Chloroethane	<0.032		0.064	0.032	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Chloromethane	<0.020		0.064	0.020	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
cis-1,2-Dichloroethene	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
cis-1,3-Dichloropropene	<0.027		0.064	0.027	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Dibromochloromethane	<0.031		0.064	0.031	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Dibromomethane	<0.017		0.064	0.017	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Hexachlorobutadiene	<0.029		0.064	0.029	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Isopropyl ether	<0.018		0.064	0.018	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Isopropylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Methyl tert-butyl ether	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Methylene Chloride	<0.10		0.32	0.10	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
Naphthalene	<0.021		0.064	0.021	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
n-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
N-Propylbenzene	<0.026		0.064	0.026	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50
p-Isopropyltoluene	<0.023		0.064	0.023	mg/Kg	✱	04/02/21 12:55	04/09/21 18:00	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-12 (0.5'-1.5')

Lab Sample ID: 500-197099-4

Date Collected: 04/02/21 12:55

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Styrene	<0.025		0.064	0.025	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
tert-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Tetrachloroethene	<0.024		0.064	0.024	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Toluene	<0.0094		0.016	0.0094	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
trans-1,2-Dichloroethene	<0.022		0.064	0.022	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
trans-1,3-Dichloropropene	<0.023		0.064	0.023	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Trichloroethene	<0.010		0.032	0.010	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Trichlorofluoromethane	<0.027		0.064	0.027	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Vinyl chloride	<0.017		0.064	0.017	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✳	04/02/21 12:55	04/09/21 18:00	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 126	04/02/21 12:55	04/09/21 18:00	50
4-Bromofluorobenzene (Surr)	87		72 - 124	04/02/21 12:55	04/09/21 18:00	50
Dibromofluoromethane (Surr)	92		75 - 120	04/02/21 12:55	04/09/21 18:00	50
Toluene-d8 (Surr)	95		75 - 120	04/02/21 12:55	04/09/21 18:00	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1
PCB-1232	<0.0083		0.019	0.0083	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1
PCB-1248	<0.0075		0.019	0.0075	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1
PCB-1254	0.0059	J	0.019	0.0041	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1
PCB-1260	<0.0093		0.019	0.0093	mg/Kg	✳	04/07/21 07:51	04/08/21 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		49 - 129	04/07/21 07:51	04/08/21 10:35	1
DCB Decachlorobiphenyl	105		37 - 121	04/07/21 07:51	04/08/21 10:35	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-13 (0.5'-1.5')

Lab Sample ID: 500-197099-5

Date Collected: 04/02/21 13:05

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.6

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	✱	04/02/21 13:05	04/09/21 18:28	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,1,2-Trichloroethane	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,1-Dichloroethane	<0.026		0.065	0.026	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2-Dibromoethane	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2-Dichlorobenzene	<0.022		0.065	0.022	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2-Dichloroethane	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,2-Dichloropropane	<0.028		0.065	0.028	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,3-Dichlorobenzene	<0.026		0.065	0.026	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,3-Dichloropropane	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
1,4-Dichlorobenzene	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Benzene	<0.0094		0.016	0.0094	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Bromobenzene	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Bromochloromethane	<0.028		0.065	0.028	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Bromodichloromethane	<0.024		0.065	0.024	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Bromoform	<0.031		0.065	0.031	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Bromomethane	<0.051		0.19	0.051	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Chlorobenzene	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Chloroethane	<0.033		0.065	0.033	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
cis-1,2-Dichloroethene	<0.026		0.065	0.026	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Dibromochloromethane	<0.032		0.065	0.032	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Dibromomethane	<0.017		0.065	0.017	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Dichlorodifluoromethane	<0.044		0.19	0.044	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Methyl tert-butyl ether	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Methylene Chloride	<0.11		0.32	0.11	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
Naphthalene	<0.022		0.065	0.022	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
n-Butylbenzene	<0.025		0.065	0.025	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50
p-Isopropyltoluene	<0.023		0.065	0.023	mg/Kg	✱	04/02/21 13:05	04/09/21 18:28	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-13 (0.5'-1.5')

Lab Sample ID: 500-197099-5

Date Collected: 04/02/21 13:05

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Styrene	<0.025		0.065	0.025	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Tetrachloroethene	<0.024		0.065	0.024	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Toluene	<0.0095		0.016	0.0095	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
trans-1,3-Dichloropropene	<0.023		0.065	0.023	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Trichloroethene	<0.011		0.032	0.011	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✳	04/02/21 13:05	04/09/21 18:28	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		75 - 126	04/02/21 13:05	04/09/21 18:28	50
4-Bromofluorobenzene (Surr)	90		72 - 124	04/02/21 13:05	04/09/21 18:28	50
Dibromofluoromethane (Surr)	92		75 - 120	04/02/21 13:05	04/09/21 18:28	50
Toluene-d8 (Surr)	94		75 - 120	04/02/21 13:05	04/09/21 18:28	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1
PCB-1232	<0.0084		0.019	0.0084	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1
PCB-1242	<0.0063		0.019	0.0063	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1
PCB-1248	0.19		0.019	0.0076	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1
PCB-1254	<0.0041		0.019	0.0041	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1
PCB-1260	<0.0094		0.019	0.0094	mg/Kg	✳	04/07/21 07:51	04/08/21 10:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		49 - 129	04/07/21 07:51	04/08/21 10:51	1
DCB Decachlorobiphenyl	95		37 - 121	04/07/21 07:51	04/08/21 10:51	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-14 (0.5'-1.5')

Lab Sample ID: 500-197099-6

Date Collected: 04/02/21 13:15

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.025		0.055	0.025	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,1,1-Trichloroethane	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,1,2,2-Tetrachloroethane	<0.022		0.055	0.022	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,1,2-Trichloroethane	<0.019		0.055	0.019	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,1-Dichloroethane	<0.022		0.055	0.022	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,1-Dichloroethene	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,1-Dichloropropene	<0.016		0.055	0.016	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2,3-Trichlorobenzene	<0.025		0.055	0.025	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2,3-Trichloropropane	<0.023		0.11	0.023	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2,4-Trichlorobenzene	<0.019		0.055	0.019	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2,4-Trimethylbenzene	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2-Dibromo-3-Chloropropane	<0.11		0.27	0.11	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2-Dibromoethane	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2-Dichlorobenzene	<0.018		0.055	0.018	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2-Dichloroethane	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,2-Dichloropropane	<0.023		0.055	0.023	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,3,5-Trimethylbenzene	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,3-Dichlorobenzene	<0.022		0.055	0.022	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,3-Dichloropropane	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
1,4-Dichlorobenzene	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
2,2-Dichloropropane	<0.024		0.055	0.024	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
2-Chlorotoluene	<0.017		0.055	0.017	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
4-Chlorotoluene	<0.019		0.055	0.019	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Benzene	<0.0080		0.014	0.0080	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Bromobenzene	<0.019		0.055	0.019	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Bromochloromethane	<0.023		0.055	0.023	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Bromodichloromethane	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Bromoform	<0.026		0.055	0.026	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Bromomethane	<0.043		0.16	0.043	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Carbon tetrachloride	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Chlorobenzene	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Chloroethane	<0.027		0.055	0.027	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Chloroform	<0.020		0.11	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Chloromethane	<0.017		0.055	0.017	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
cis-1,2-Dichloroethene	<0.022		0.055	0.022	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
cis-1,3-Dichloropropene	<0.023		0.055	0.023	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Dibromochloromethane	<0.027		0.055	0.027	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Dibromomethane	<0.015		0.055	0.015	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Dichlorodifluoromethane	<0.037		0.16	0.037	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Ethylbenzene	<0.010		0.014	0.010	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Hexachlorobutadiene	<0.024		0.055	0.024	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Isopropyl ether	<0.015		0.055	0.015	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Isopropylbenzene	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Methyl tert-butyl ether	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Methylene Chloride	<0.089		0.27	0.089	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Naphthalene	<0.018		0.055	0.018	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
n-Butylbenzene	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
N-Propylbenzene	<0.023		0.055	0.023	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
p-Isopropyltoluene	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-14 (0.5'-1.5')

Lab Sample ID: 500-197099-6

Date Collected: 04/02/21 13:15

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.022		0.055	0.022	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Styrene	<0.021		0.055	0.021	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
tert-Butylbenzene	<0.022		0.055	0.022	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Tetrachloroethene	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Toluene	<0.0080		0.014	0.0080	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
trans-1,2-Dichloroethene	<0.019		0.055	0.019	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
trans-1,3-Dichloropropene	<0.020		0.055	0.020	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Trichloroethene	<0.0089		0.027	0.0089	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Trichlorofluoromethane	<0.023		0.055	0.023	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Vinyl chloride	<0.014		0.055	0.014	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50
Xylenes, Total	<0.012		0.027	0.012	mg/Kg	✱	04/02/21 13:15	04/09/21 18:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 126	04/02/21 13:15	04/09/21 18:56	50
4-Bromofluorobenzene (Surr)	88		72 - 124	04/02/21 13:15	04/09/21 18:56	50
Dibromofluoromethane (Surr)	91		75 - 120	04/02/21 13:15	04/09/21 18:56	50
Toluene-d8 (Surr)	94		75 - 120	04/02/21 13:15	04/09/21 18:56	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0062		0.017	0.0062	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1
PCB-1221	<0.0077		0.017	0.0077	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1
PCB-1232	<0.0076		0.017	0.0076	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1
PCB-1242	<0.0057		0.017	0.0057	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1
PCB-1248	0.20		0.017	0.0069	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1
PCB-1254	<0.0038		0.017	0.0038	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1
PCB-1260	<0.0086		0.017	0.0086	mg/Kg	✱	04/07/21 07:51	04/08/21 11:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		49 - 129	04/07/21 07:51	04/08/21 11:06	1
DCB Decachlorobiphenyl	92		37 - 121	04/07/21 07:51	04/08/21 11:06	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-15 (0.5'-1.5')

Lab Sample ID: 500-197099-7

Date Collected: 04/02/21 13:25

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 88.5

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	✱	04/02/21 13:25	04/12/21 11:24	50
1,1,1-Trichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,1,2,2-Tetrachloroethane	<0.025		0.062	0.025	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,1,2-Trichloroethane	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,1-Dichloroethane	<0.025		0.062	0.025	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,1-Dichloroethene	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,1-Dichloropropene	<0.019		0.062	0.019	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2,3-Trichlorobenzene	<0.028		0.062	0.028	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2,3-Trichloropropane	<0.026		0.12	0.026	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2,4-Trichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2,4-Trimethylbenzene	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2-Dibromoethane	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2-Dichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2-Dichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,2-Dichloropropane	<0.027		0.062	0.027	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,3,5-Trimethylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,3-Dichlorobenzene	<0.025		0.062	0.025	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,3-Dichloropropane	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
1,4-Dichlorobenzene	<0.023		0.062	0.023	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
2,2-Dichloropropane	<0.028		0.062	0.028	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
2-Chlorotoluene	<0.020		0.062	0.020	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
4-Chlorotoluene	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Benzene	<0.0091		0.016	0.0091	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Bromobenzene	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Bromochloromethane	<0.027		0.062	0.027	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Bromodichloromethane	<0.023		0.062	0.023	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Bromoform	<0.030		0.062	0.030	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Bromomethane	<0.049		0.19	0.049	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Carbon tetrachloride	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Chlorobenzene	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Chloroethane	<0.031		0.062	0.031	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Chloromethane	<0.020		0.062	0.020	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
cis-1,2-Dichloroethene	<0.025		0.062	0.025	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
cis-1,3-Dichloropropene	<0.026		0.062	0.026	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Dibromochloromethane	<0.030		0.062	0.030	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Dibromomethane	<0.017		0.062	0.017	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Ethylbenzene	<0.011		0.016	0.011	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Hexachlorobutadiene	<0.028		0.062	0.028	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Isopropyl ether	<0.017		0.062	0.017	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Isopropylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Methyl tert-butyl ether	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Methylene Chloride	0.20	J B	0.31	0.10	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Naphthalene	<0.021		0.062	0.021	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
n-Butylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
N-Propylbenzene	<0.026		0.062	0.026	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
p-Isopropyltoluene	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-15 (0.5'-1.5')

Lab Sample ID: 500-197099-7

Date Collected: 04/02/21 13:25

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Styrene	<0.024		0.062	0.024	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
tert-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Tetrachloroethene	<0.023		0.062	0.023	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Toluene	<0.0091		0.016	0.0091	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
trans-1,2-Dichloroethene	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
trans-1,3-Dichloropropene	<0.022		0.062	0.022	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Trichlorofluoromethane	<0.027		0.062	0.027	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Vinyl chloride	<0.016		0.062	0.016	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	✱	04/02/21 13:25	04/12/21 11:24	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126	04/02/21 13:25	04/12/21 11:24	50
4-Bromofluorobenzene (Surr)	93		72 - 124	04/02/21 13:25	04/12/21 11:24	50
Dibromofluoromethane (Surr)	103		75 - 120	04/02/21 13:25	04/12/21 11:24	50
Toluene-d8 (Surr)	95		75 - 120	04/02/21 13:25	04/12/21 11:24	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.019	0.0066	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1
PCB-1221	<0.0083		0.019	0.0083	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1
PCB-1232	<0.0082		0.019	0.0082	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1
PCB-1248	<0.0074		0.019	0.0074	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1
PCB-1254	<0.0041		0.019	0.0041	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1
PCB-1260	<0.0092		0.019	0.0092	mg/Kg	✱	04/07/21 07:51	04/08/21 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		49 - 129	04/07/21 07:51	04/08/21 11:22	1
DCB Decachlorobiphenyl	95		37 - 121	04/07/21 07:51	04/08/21 11:22	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-16 (0.5'-1.5')

Lab Sample ID: 500-197099-8

Date Collected: 04/02/21 13:50

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 85.3

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		0.063	0.029	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,1,1-Trichloroethane	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,1,2,2-Tetrachloroethane	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,1,2-Trichloroethane	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,1-Dichloroethane	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,1-Dichloroethene	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,1-Dichloropropene	<0.019		0.063	0.019	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2,3-Trichlorobenzene	<0.029		0.063	0.029	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2,4-Trichlorobenzene	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2,4-Trimethylbenzene	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2-Dibromo-3-Chloropropane	<0.13		0.31	0.13	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2-Dibromoethane	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2-Dichlorobenzene	<0.021		0.063	0.021	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2-Dichloroethane	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,2-Dichloropropane	<0.027		0.063	0.027	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,3,5-Trimethylbenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,3-Dichlorobenzene	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,3-Dichloropropane	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
1,4-Dichlorobenzene	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
2,2-Dichloropropane	<0.028		0.063	0.028	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
2-Chlorotoluene	<0.020		0.063	0.020	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
4-Chlorotoluene	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Benzene	<0.0092		0.016	0.0092	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Bromobenzene	<0.022		0.063	0.022	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Bromochloromethane	<0.027		0.063	0.027	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Bromodichloromethane	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Bromoform	<0.030		0.063	0.030	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Carbon tetrachloride	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Chlorobenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Chloroethane	<0.032		0.063	0.032	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Chloroform	<0.023		0.13	0.023	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Chloromethane	<0.020		0.063	0.020	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
cis-1,2-Dichloroethene	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
cis-1,3-Dichloropropene	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Dibromochloromethane	<0.031		0.063	0.031	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Dibromomethane	<0.017		0.063	0.017	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Hexachlorobutadiene	<0.028		0.063	0.028	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Isopropyl ether	<0.017		0.063	0.017	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Isopropylbenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Methyl tert-butyl ether	<0.025		0.063	0.025	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Methylene Chloride	0.20	J B	0.31	0.10	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
Naphthalene	0.024	J	0.063	0.021	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
n-Butylbenzene	<0.024		0.063	0.024	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
N-Propylbenzene	<0.026		0.063	0.026	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50
p-Isopropyltoluene	<0.023		0.063	0.023	mg/Kg	✱	04/02/21 13:50	04/12/21 11:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-16 (0.5'-1.5')

Lab Sample ID: 500-197099-8

Date Collected: 04/02/21 13:50

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.063	0.025	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Styrene	<0.024		0.063	0.024	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
tert-Butylbenzene	<0.025		0.063	0.025	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Tetrachloroethene	<0.023		0.063	0.023	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Toluene	<0.0092		0.016	0.0092	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
trans-1,2-Dichloroethene	<0.022		0.063	0.022	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
trans-1,3-Dichloropropene	<0.023		0.063	0.023	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Trichlorofluoromethane	<0.027		0.063	0.027	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Vinyl chloride	<0.016		0.063	0.016	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50
Xylenes, Total	0.028	J	0.031	0.014	mg/Kg	✳	04/02/21 13:50	04/12/21 11:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	04/02/21 13:50	04/12/21 11:51	50
4-Bromofluorobenzene (Surr)	94		72 - 124	04/02/21 13:50	04/12/21 11:51	50
Dibromofluoromethane (Surr)	99		75 - 120	04/02/21 13:50	04/12/21 11:51	50
Toluene-d8 (Surr)	96		75 - 120	04/02/21 13:50	04/12/21 11:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.069		0.19	0.069	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10
PCB-1221	<0.085		0.19	0.085	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10
PCB-1232	<0.085		0.19	0.085	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10
PCB-1242	<0.064		0.19	0.064	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10
PCB-1248	<0.076		0.19	0.076	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10
PCB-1254	0.49		0.19	0.042	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10
PCB-1260	<0.095		0.19	0.095	mg/Kg	✳	04/07/21 07:51	04/08/21 11:37	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		49 - 129	04/07/21 07:51	04/08/21 11:37	10
DCB Decachlorobiphenyl	99		37 - 121	04/07/21 07:51	04/08/21 11:37	10

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-17 (0.5'-1.5')

Lab Sample ID: 500-197099-9

Date Collected: 04/02/21 14:20

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030		0.066	0.030	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,1,1-Trichloroethane	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,1,2,2-Tetrachloroethane	<0.026		0.066	0.026	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,1,2-Trichloroethane	<0.023		0.066	0.023	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,1-Dichloroethane	<0.027		0.066	0.027	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,1-Dichloroethene	<0.026		0.066	0.026	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,1-Dichloropropene	<0.020		0.066	0.020	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2,3-Trichlorobenzene	<0.030		0.066	0.030	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2,4-Trichlorobenzene	<0.023		0.066	0.023	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2,4-Trimethylbenzene	<0.024		0.066	0.024	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2-Dibromoethane	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2-Dichlorobenzene	<0.022		0.066	0.022	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2-Dichloroethane	<0.026		0.066	0.026	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,2-Dichloropropane	<0.028		0.066	0.028	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,3,5-Trimethylbenzene	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,3-Dichlorobenzene	<0.026		0.066	0.026	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,3-Dichloropropane	<0.024		0.066	0.024	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
1,4-Dichlorobenzene	<0.024		0.066	0.024	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
2,2-Dichloropropane	<0.029		0.066	0.029	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
2-Chlorotoluene	<0.021		0.066	0.021	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
4-Chlorotoluene	<0.023		0.066	0.023	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Benzene	<0.0096		0.016	0.0096	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Bromobenzene	<0.023		0.066	0.023	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Bromochloromethane	<0.028		0.066	0.028	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Bromodichloromethane	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Bromoform	<0.032		0.066	0.032	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Bromomethane	<0.053		0.20	0.053	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Carbon tetrachloride	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Chlorobenzene	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Chloroethane	<0.033		0.066	0.033	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Chloromethane	<0.021		0.066	0.021	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
cis-1,2-Dichloroethene	<0.027		0.066	0.027	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
cis-1,3-Dichloropropene	<0.027		0.066	0.027	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Dibromochloromethane	<0.032		0.066	0.032	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Dibromomethane	<0.018		0.066	0.018	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Hexachlorobutadiene	<0.029		0.066	0.029	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Isopropyl ether	<0.018		0.066	0.018	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Isopropylbenzene	<0.025		0.066	0.025	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Methyl tert-butyl ether	<0.026		0.066	0.026	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Methylene Chloride	0.20	J B	0.33	0.11	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
Naphthalene	<0.022		0.066	0.022	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
n-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
N-Propylbenzene	<0.027		0.066	0.027	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50
p-Isopropyltoluene	<0.024		0.066	0.024	mg/Kg	✱	04/02/21 14:20	04/12/21 12:17	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-17 (0.5'-1.5')

Lab Sample ID: 500-197099-9

Date Collected: 04/02/21 14:20

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Styrene	<0.025		0.066	0.025	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
tert-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Tetrachloroethene	<0.024		0.066	0.024	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Toluene	<0.0097		0.016	0.0097	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
trans-1,2-Dichloroethene	<0.023		0.066	0.023	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
trans-1,3-Dichloropropene	<0.024		0.066	0.024	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Trichloroethene	<0.011		0.033	0.011	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Trichlorofluoromethane	<0.028		0.066	0.028	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Vinyl chloride	<0.017		0.066	0.017	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50
Xylenes, Total	<0.015		0.033	0.015	mg/Kg	✳	04/02/21 14:20	04/12/21 12:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	04/02/21 14:20	04/12/21 12:17	50
4-Bromofluorobenzene (Surr)	95		72 - 124	04/02/21 14:20	04/12/21 12:17	50
Dibromofluoromethane (Surr)	100		75 - 120	04/02/21 14:20	04/12/21 12:17	50
Toluene-d8 (Surr)	96		75 - 120	04/02/21 14:20	04/12/21 12:17	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.034		0.095	0.034	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5
PCB-1221	<0.042		0.095	0.042	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5
PCB-1232	<0.041		0.095	0.041	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5
PCB-1242	<0.031		0.095	0.031	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5
PCB-1248	0.35		0.095	0.037	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5
PCB-1254	<0.020		0.095	0.020	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5
PCB-1260	<0.047		0.095	0.047	mg/Kg	✳	04/07/21 07:51	04/08/21 11:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		49 - 129	04/07/21 07:51	04/08/21 11:53	5
DCB Decachlorobiphenyl	99		37 - 121	04/07/21 07:51	04/08/21 11:53	5

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-1 (0.5'-1.5')

Lab Sample ID: 500-197099-10

Date Collected: 04/05/21 14:15

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.7

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		0.064	0.029	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,1,1-Trichloroethane	<0.024		0.064	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,1,2,2-Tetrachloroethane	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,1,2-Trichloroethane	<0.022		0.064	0.022	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,1-Dichloroethane	<0.026		0.064	0.026	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,1-Dichloroethene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,1-Dichloropropene	<0.019		0.064	0.019	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2,3-Trichlorobenzene	<0.029		0.064	0.029	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2,3-Trichloropropane	<0.026		0.13	0.026	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2,4-Trichlorobenzene	<0.022		0.064	0.022	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2,4-Trimethylbenzene	<0.023		0.064	0.023	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2-Dibromo-3-Chloropropane	<0.13		0.32	0.13	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2-Dibromoethane	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2-Dichlorobenzene	<0.021		0.064	0.021	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2-Dichloroethane	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,2-Dichloropropane	<0.027		0.064	0.027	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,3,5-Trimethylbenzene	<0.024		0.064	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,3-Dichlorobenzene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,3-Dichloropropane	<0.023		0.064	0.023	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
1,4-Dichlorobenzene	<0.023		0.064	0.023	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
2,2-Dichloropropane	<0.028		0.064	0.028	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
2-Chlorotoluene	<0.020		0.064	0.020	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
4-Chlorotoluene	<0.022		0.064	0.022	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Benzene	<0.0093		0.016	0.0093	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Bromobenzene	<0.023		0.064	0.023	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Bromochloromethane	<0.027		0.064	0.027	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Bromodichloromethane	<0.024		0.064	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Bromoform	<0.031		0.064	0.031	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Bromomethane	<0.051		0.19	0.051	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Carbon tetrachloride	<0.024		0.064	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Chlorobenzene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Chloroethane	<0.032		0.064	0.032	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Chloromethane	<0.020		0.064	0.020	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
cis-1,2-Dichloroethene	<0.026		0.064	0.026	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
cis-1,3-Dichloropropene	<0.026		0.064	0.026	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Dibromochloromethane	<0.031		0.064	0.031	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Dibromomethane	<0.017		0.064	0.017	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Hexachlorobutadiene	<0.028		0.064	0.028	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Isopropyl ether	<0.018		0.064	0.018	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Isopropylbenzene	<0.024		0.064	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Methyl tert-butyl ether	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Methylene Chloride	0.20	J B	0.32	0.10	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Naphthalene	<0.021		0.064	0.021	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
n-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
N-Propylbenzene	<0.026		0.064	0.026	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
p-Isopropyltoluene	<0.023		0.064	0.023	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-1 (0.5'-1.5')

Lab Sample ID: 500-197099-10

Date Collected: 04/05/21 14:15

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Styrene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
tert-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Tetrachloroethene	<0.024		0.064	0.024	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Toluene	0.028		0.016	0.0093	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
trans-1,2-Dichloroethene	<0.022		0.064	0.022	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
trans-1,3-Dichloropropene	<0.023		0.064	0.023	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Trichloroethene	<0.010		0.032	0.010	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Trichlorofluoromethane	<0.027		0.064	0.027	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Vinyl chloride	<0.017		0.064	0.017	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✱	04/05/21 14:15	04/12/21 12:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126	04/05/21 14:15	04/12/21 12:44	50
4-Bromofluorobenzene (Surr)	93		72 - 124	04/05/21 14:15	04/12/21 12:44	50
Dibromofluoromethane (Surr)	102		75 - 120	04/05/21 14:15	04/12/21 12:44	50
Toluene-d8 (Surr)	96		75 - 120	04/05/21 14:15	04/12/21 12:44	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1
PCB-1232	<0.0083		0.019	0.0083	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1
PCB-1248	<0.0075		0.019	0.0075	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1
PCB-1254	0.17		0.019	0.0041	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1
PCB-1260	<0.0093		0.019	0.0093	mg/Kg	✱	04/07/21 07:51	04/08/21 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		49 - 129	04/07/21 07:51	04/08/21 12:08	1
DCB Decachlorobiphenyl	94		37 - 121	04/07/21 07:51	04/08/21 12:08	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-2 (0.5'-1.5')

Lab Sample ID: 500-197099-11

Date Collected: 04/05/21 14:00

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.0

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	✱	04/05/21 14:00	04/12/21 13:11	50
1,1,1-Trichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,1,2,2-Tetrachloroethane	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,1,2-Trichloroethane	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,1-Dichloroethane	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,1-Dichloroethene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,1-Dichloropropene	<0.019		0.062	0.019	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2,3-Trichlorobenzene	<0.029		0.062	0.029	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2,3-Trichloropropane	<0.026		0.12	0.026	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2,4-Trichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2,4-Trimethylbenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2-Dibromoethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2-Dichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2-Dichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,2-Dichloropropane	<0.027		0.062	0.027	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,3,5-Trimethylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,3-Dichlorobenzene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,3-Dichloropropane	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
1,4-Dichlorobenzene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
2,2-Dichloropropane	<0.028		0.062	0.028	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
2-Chlorotoluene	<0.020		0.062	0.020	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
4-Chlorotoluene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Benzene	<0.0091		0.016	0.0091	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Bromobenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Bromochloromethane	<0.027		0.062	0.027	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Bromodichloromethane	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Bromoform	<0.030		0.062	0.030	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Carbon tetrachloride	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Chlorobenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Chloroethane	<0.031		0.062	0.031	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Chloromethane	<0.020		0.062	0.020	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
cis-1,2-Dichloroethene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
cis-1,3-Dichloropropene	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Dibromochloromethane	<0.030		0.062	0.030	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Dibromomethane	<0.017		0.062	0.017	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Ethylbenzene	<0.011		0.016	0.011	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Hexachlorobutadiene	<0.028		0.062	0.028	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Isopropyl ether	<0.017		0.062	0.017	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Isopropylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Methyl tert-butyl ether	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Methylene Chloride	0.62	B	0.31	0.10	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
Naphthalene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
n-Butylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
N-Propylbenzene	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50
p-Isopropyltoluene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 14:00	04/12/21 13:11	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-2 (0.5'-1.5')

Lab Sample ID: 500-197099-11

Date Collected: 04/05/21 14:00

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Styrene	<0.024		0.062	0.024	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
tert-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Tetrachloroethene	<0.023		0.062	0.023	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Toluene	<0.0092		0.016	0.0092	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
trans-1,2-Dichloroethene	<0.022		0.062	0.022	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
trans-1,3-Dichloropropene	<0.023		0.062	0.023	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Trichlorofluoromethane	<0.027		0.062	0.027	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Vinyl chloride	<0.016		0.062	0.016	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	✳	04/05/21 14:00	04/12/21 13:11	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 126	04/05/21 14:00	04/12/21 13:11	50
4-Bromofluorobenzene (Surr)	92		72 - 124	04/05/21 14:00	04/12/21 13:11	50
Dibromofluoromethane (Surr)	104		75 - 120	04/05/21 14:00	04/12/21 13:11	50
Toluene-d8 (Surr)	95		75 - 120	04/05/21 14:00	04/12/21 13:11	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0065		0.018	0.0065	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1
PCB-1221	<0.0081		0.018	0.0081	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1
PCB-1232	<0.0080		0.018	0.0080	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1
PCB-1242	<0.0061		0.018	0.0061	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1
PCB-1248	<0.0073		0.018	0.0073	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1
PCB-1254	0.083		0.018	0.0040	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1
PCB-1260	<0.0091		0.018	0.0091	mg/Kg	✳	04/07/21 07:51	04/08/21 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		49 - 129	04/07/21 07:51	04/08/21 12:24	1
DCB Decachlorobiphenyl	96		37 - 121	04/07/21 07:51	04/08/21 12:24	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-3 (0.5'-1.5')

Lab Sample ID: 500-197099-12

Date Collected: 04/05/21 13:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030		0.066	0.030	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,1,1-Trichloroethane	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,1,2,2-Tetrachloroethane	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,1,2-Trichloroethane	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,1-Dichloroethane	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,1-Dichloroethene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,1-Dichloropropene	<0.020		0.066	0.020	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2,3-Trichlorobenzene	<0.030		0.066	0.030	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2,4-Trichlorobenzene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2,4-Trimethylbenzene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2-Dibromoethane	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2-Dichlorobenzene	<0.022		0.066	0.022	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2-Dichloroethane	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,2-Dichloropropane	<0.028		0.066	0.028	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,3,5-Trimethylbenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,3-Dichlorobenzene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,3-Dichloropropane	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
1,4-Dichlorobenzene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
2,2-Dichloropropane	<0.029		0.066	0.029	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
2-Chlorotoluene	<0.021		0.066	0.021	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
4-Chlorotoluene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Benzene	<0.0096		0.017	0.0096	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Bromobenzene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Bromochloromethane	<0.028		0.066	0.028	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Bromodichloromethane	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Bromoform	<0.032		0.066	0.032	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Bromomethane	<0.053		0.20	0.053	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Carbon tetrachloride	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Chlorobenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Chloroethane	<0.033		0.066	0.033	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Chloromethane	<0.021		0.066	0.021	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
cis-1,2-Dichloroethene	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
cis-1,3-Dichloropropene	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Dibromochloromethane	<0.032		0.066	0.032	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Dibromomethane	<0.018		0.066	0.018	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Ethylbenzene	<0.012		0.017	0.012	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Hexachlorobutadiene	<0.029		0.066	0.029	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Isopropyl ether	<0.018		0.066	0.018	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Isopropylbenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Methyl tert-butyl ether	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Methylene Chloride	0.65	B	0.33	0.11	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
Naphthalene	<0.022		0.066	0.022	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
n-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
N-Propylbenzene	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50
p-Isopropyltoluene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 13:40	04/12/21 13:37	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-3 (0.5'-1.5')

Lab Sample ID: 500-197099-12

Date Collected: 04/05/21 13:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Styrene	<0.025		0.066	0.025	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
tert-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Tetrachloroethene	<0.024		0.066	0.024	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Toluene	<0.0097		0.017	0.0097	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
trans-1,2-Dichloroethene	<0.023		0.066	0.023	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
trans-1,3-Dichloropropene	<0.024		0.066	0.024	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Trichloroethene	<0.011		0.033	0.011	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Trichlorofluoromethane	<0.028		0.066	0.028	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Vinyl chloride	<0.017		0.066	0.017	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50
Xylenes, Total	<0.015		0.033	0.015	mg/Kg	✱	04/05/21 13:40	04/12/21 13:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	04/05/21 13:40	04/12/21 13:37	50
4-Bromofluorobenzene (Surr)	93		72 - 124	04/05/21 13:40	04/12/21 13:37	50
Dibromofluoromethane (Surr)	105		75 - 120	04/05/21 13:40	04/12/21 13:37	50
Toluene-d8 (Surr)	95		75 - 120	04/05/21 13:40	04/12/21 13:37	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1
PCB-1232	<0.0083		0.019	0.0083	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1
PCB-1242	<0.0063		0.019	0.0063	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1
PCB-1248	<0.0075		0.019	0.0075	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1
PCB-1254	0.023		0.019	0.0041	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1
PCB-1260	<0.0094		0.019	0.0094	mg/Kg	✱	04/07/21 07:51	04/08/21 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		49 - 129	04/07/21 07:51	04/08/21 12:39	1
DCB Decachlorobiphenyl	98		37 - 121	04/07/21 07:51	04/08/21 12:39	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-4 (0.5'-1.5')

Lab Sample ID: 500-197099-13

Date Collected: 04/05/21 13:05

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.6

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	✱	04/05/21 13:05	04/12/21 14:04	50
1,1,1-Trichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,1,2,2-Tetrachloroethane	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,1,2-Trichloroethane	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,1-Dichloroethane	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,1-Dichloroethene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,1-Dichloropropene	<0.019		0.062	0.019	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2,3-Trichlorobenzene	<0.029		0.062	0.029	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2,3-Trichloropropane	<0.026		0.12	0.026	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2,4-Trichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2,4-Trimethylbenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2-Dibromoethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2-Dichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2-Dichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,2-Dichloropropane	<0.027		0.062	0.027	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,3,5-Trimethylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,3-Dichlorobenzene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,3-Dichloropropane	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
1,4-Dichlorobenzene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
2,2-Dichloropropane	<0.028		0.062	0.028	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
2-Chlorotoluene	<0.020		0.062	0.020	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
4-Chlorotoluene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Benzene	<0.0091		0.016	0.0091	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Bromobenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Bromochloromethane	<0.027		0.062	0.027	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Bromodichloromethane	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Bromoform	<0.030		0.062	0.030	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Carbon tetrachloride	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Chlorobenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Chloroethane	<0.031		0.062	0.031	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Chloromethane	<0.020		0.062	0.020	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
cis-1,2-Dichloroethene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
cis-1,3-Dichloropropene	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Dibromochloromethane	<0.030		0.062	0.030	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Dibromomethane	<0.017		0.062	0.017	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Ethylbenzene	<0.011		0.016	0.011	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Hexachlorobutadiene	<0.028		0.062	0.028	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Isopropyl ether	<0.017		0.062	0.017	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Isopropylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Methyl tert-butyl ether	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Methylene Chloride	0.60	B	0.31	0.10	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Naphthalene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
n-Butylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
N-Propylbenzene	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
p-Isopropyltoluene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-4 (0.5'-1.5')

Lab Sample ID: 500-197099-13

Date Collected: 04/05/21 13:05

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Styrene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
tert-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Tetrachloroethene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Toluene	<0.0092		0.016	0.0092	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
trans-1,2-Dichloroethene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
trans-1,3-Dichloropropene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Trichlorofluoromethane	<0.027		0.062	0.027	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Vinyl chloride	<0.016		0.062	0.016	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	✱	04/05/21 13:05	04/12/21 14:04	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	04/05/21 13:05	04/12/21 14:04	50
4-Bromofluorobenzene (Surr)	94		72 - 124	04/05/21 13:05	04/12/21 14:04	50
Dibromofluoromethane (Surr)	104		75 - 120	04/05/21 13:05	04/12/21 14:04	50
Toluene-d8 (Surr)	94		75 - 120	04/05/21 13:05	04/12/21 14:04	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.019	0.0066	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1
PCB-1221	<0.0082		0.019	0.0082	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1
PCB-1232	<0.0081		0.019	0.0081	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1
PCB-1242	<0.0061		0.019	0.0061	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1
PCB-1248	<0.0073		0.019	0.0073	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1
PCB-1254	0.051		0.019	0.0040	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1
PCB-1260	<0.0091		0.019	0.0091	mg/Kg	✱	04/07/21 07:51	04/08/21 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		49 - 129	04/07/21 07:51	04/08/21 12:54	1
DCB Decachlorobiphenyl	99		37 - 121	04/07/21 07:51	04/08/21 12:54	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-5 (0.5'-1.5')

Lab Sample ID: 500-197099-14

Date Collected: 04/05/21 12:50

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.6

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		0.066	0.030	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,1,1-Trichloroethane	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,1,2,2-Tetrachloroethane	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,1,2-Trichloroethane	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,1-Dichloroethane	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,1-Dichloroethene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,1-Dichloropropene	<0.020		0.066	0.020	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2,3-Trichlorobenzene	<0.030		0.066	0.030	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2,4-Trichlorobenzene	<0.022		0.066	0.022	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2,4-Trimethylbenzene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2-Dibromoethane	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2-Dichlorobenzene	<0.022		0.066	0.022	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2-Dichloroethane	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,2-Dichloropropane	<0.028		0.066	0.028	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,3,5-Trimethylbenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,3-Dichlorobenzene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,3-Dichloropropane	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
1,4-Dichlorobenzene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
2,2-Dichloropropane	<0.029		0.066	0.029	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
2-Chlorotoluene	<0.021		0.066	0.021	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
4-Chlorotoluene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Benzene	<0.0096		0.016	0.0096	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Bromobenzene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Bromochloromethane	<0.028		0.066	0.028	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Bromodichloromethane	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Bromoform	<0.032		0.066	0.032	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Bromomethane	<0.052		0.20	0.052	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Carbon tetrachloride	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Chlorobenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Chloroethane	<0.033		0.066	0.033	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Chloromethane	<0.021		0.066	0.021	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
cis-1,2-Dichloroethene	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
cis-1,3-Dichloropropene	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Dibromochloromethane	<0.032		0.066	0.032	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Dibromomethane	<0.018		0.066	0.018	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Hexachlorobutadiene	<0.029		0.066	0.029	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Isopropyl ether	<0.018		0.066	0.018	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Isopropylbenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Methyl tert-butyl ether	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Methylene Chloride	0.61	B	0.33	0.11	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Naphthalene	<0.022		0.066	0.022	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
n-Butylbenzene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
N-Propylbenzene	<0.027		0.066	0.027	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
p-Isopropyltoluene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50

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Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-5 (0.5'-1.5')

Lab Sample ID: 500-197099-14

Date Collected: 04/05/21 12:50

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Styrene	<0.025		0.066	0.025	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
tert-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Tetrachloroethene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Toluene	<0.0096		0.016	0.0096	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
trans-1,2-Dichloroethene	<0.023		0.066	0.023	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
trans-1,3-Dichloropropene	<0.024		0.066	0.024	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Trichloroethene	<0.011		0.033	0.011	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Trichlorofluoromethane	<0.028		0.066	0.028	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Vinyl chloride	<0.017		0.066	0.017	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50
Xylenes, Total	<0.014		0.033	0.014	mg/Kg	✳	04/05/21 12:50	04/12/21 14:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	04/05/21 12:50	04/12/21 14:31	50
4-Bromofluorobenzene (Surr)	93		72 - 124	04/05/21 12:50	04/12/21 14:31	50
Dibromofluoromethane (Surr)	103		75 - 120	04/05/21 12:50	04/12/21 14:31	50
Toluene-d8 (Surr)	95		75 - 120	04/05/21 12:50	04/12/21 14:31	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1
PCB-1221	<0.0083		0.019	0.0083	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1
PCB-1232	<0.0082		0.019	0.0082	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1
PCB-1242	<0.0062		0.019	0.0062	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1
PCB-1248	<0.0074		0.019	0.0074	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1
PCB-1254	0.0084	J	0.019	0.0041	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1
PCB-1260	<0.0093		0.019	0.0093	mg/Kg	✳	04/07/21 07:51	04/08/21 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		49 - 129	04/07/21 07:51	04/08/21 13:10	1
DCB Decachlorobiphenyl	90		37 - 121	04/07/21 07:51	04/08/21 13:10	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-6 (0.5'-1.5')

Lab Sample ID: 500-197099-15

Date Collected: 04/05/21 11:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.3

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	✱	04/05/21 11:40	04/12/21 14:58	50
1,1,1-Trichloroethane	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,1,2,2-Tetrachloroethane	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,1,2-Trichloroethane	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,1-Dichloroethane	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,1-Dichloroethene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,1-Dichloropropene	<0.018		0.062	0.018	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2,3-Trichlorobenzene	<0.028		0.062	0.028	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2,3-Trichloropropane	<0.026		0.12	0.026	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2,4-Trichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2,4-Trimethylbenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2-Dibromo-3-Chloropropane	<0.12		0.31	0.12	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2-Dibromoethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2-Dichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2-Dichloroethane	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,2-Dichloropropane	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,3,5-Trimethylbenzene	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,3-Dichlorobenzene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,3-Dichloropropane	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
1,4-Dichlorobenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
2,2-Dichloropropane	<0.027		0.062	0.027	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
2-Chlorotoluene	<0.019		0.062	0.019	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
4-Chlorotoluene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Benzene	<0.0090		0.015	0.0090	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Bromobenzene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Bromochloromethane	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Bromodichloromethane	<0.023		0.062	0.023	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Bromoform	<0.030		0.062	0.030	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Bromomethane	<0.049		0.19	0.049	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Carbon tetrachloride	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Chlorobenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Chloroethane	<0.031		0.062	0.031	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Chloromethane	<0.020		0.062	0.020	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
cis-1,2-Dichloroethene	<0.025		0.062	0.025	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
cis-1,3-Dichloropropene	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Dibromochloromethane	<0.030		0.062	0.030	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Dibromomethane	<0.017		0.062	0.017	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Hexachlorobutadiene	<0.028		0.062	0.028	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Isopropyl ether	<0.017		0.062	0.017	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Isopropylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Methyl tert-butyl ether	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Methylene Chloride	0.58	B	0.31	0.10	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
Naphthalene	<0.021		0.062	0.021	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
n-Butylbenzene	<0.024		0.062	0.024	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
N-Propylbenzene	<0.026		0.062	0.026	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50
p-Isopropyltoluene	<0.022		0.062	0.022	mg/Kg	✱	04/05/21 11:40	04/12/21 14:58	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-6 (0.5'-1.5')

Lab Sample ID: 500-197099-15

Date Collected: 04/05/21 11:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Styrene	<0.024		0.062	0.024	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
tert-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Tetrachloroethene	0.31		0.062	0.023	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Toluene	<0.0091		0.015	0.0091	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
trans-1,2-Dichloroethene	<0.022		0.062	0.022	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
trans-1,3-Dichloropropene	<0.022		0.062	0.022	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Trichloroethene	<0.010		0.031	0.010	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Trichlorofluoromethane	<0.026		0.062	0.026	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Vinyl chloride	<0.016		0.062	0.016	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	✳	04/05/21 11:40	04/12/21 14:58	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	04/05/21 11:40	04/12/21 14:58	50
4-Bromofluorobenzene (Surr)	92		72 - 124	04/05/21 11:40	04/12/21 14:58	50
Dibromofluoromethane (Surr)	105		75 - 120	04/05/21 11:40	04/12/21 14:58	50
Toluene-d8 (Surr)	96		75 - 120	04/05/21 11:40	04/12/21 14:58	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0064		0.018	0.0064	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1
PCB-1221	<0.0080		0.018	0.0080	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1
PCB-1232	<0.0079		0.018	0.0079	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1
PCB-1242	<0.0060		0.018	0.0060	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1
PCB-1248	<0.0072		0.018	0.0072	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1
PCB-1254	<0.0039		0.018	0.0039	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1
PCB-1260	<0.0089		0.018	0.0089	mg/Kg	✳	04/07/21 07:51	04/08/21 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	59		49 - 129	04/07/21 07:51	04/08/21 13:25	1
DCB Decachlorobiphenyl	89		37 - 121	04/07/21 07:51	04/08/21 13:25	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-7 (0.5'-1.5')

Lab Sample ID: 500-197099-16

Date Collected: 04/05/21 11:00

Matrix: Solid

Date Received: 04/06/21 08:40

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	<0.028		0.061	0.028	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,1,2,2-Tetrachloroethane	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,1,2-Trichloroethane	<0.021		0.061	0.021	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2-Dibromo-3-Chloropropane	<0.12		0.30	0.12	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2-Dibromoethane	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2-Dichlorobenzene	<0.020		0.061	0.020	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,2-Dichloropropane	<0.026		0.061	0.026	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,3-Dichlorobenzene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
2-Chlorotoluene	<0.019		0.061	0.019	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
4-Chlorotoluene	<0.021		0.061	0.021	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Benzene	<0.0089		0.015	0.0089	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Bromobenzene	<0.022		0.061	0.022	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Bromodichloromethane	<0.023		0.061	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Bromoform	<0.029		0.061	0.029	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Carbon tetrachloride	<0.023		0.061	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Chlorobenzene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Chloromethane	<0.019		0.061	0.019	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
cis-1,3-Dichloropropene	<0.025		0.061	0.025	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Dibromochloromethane	<0.030		0.061	0.030	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Dibromomethane	<0.016		0.061	0.016	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Isopropylbenzene	<0.023		0.061	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Methylene Chloride	0.57	B	0.30	0.099	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Naphthalene	<0.020		0.061	0.020	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-7 (0.5'-1.5')

Lab Sample ID: 500-197099-16

Date Collected: 04/05/21 11:00

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Styrene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Tetrachloroethene	3.0		0.061	0.023	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Toluene	<0.0090		0.015	0.0090	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
trans-1,2-Dichloroethene	<0.021		0.061	0.021	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
trans-1,3-Dichloropropene	<0.022		0.061	0.022	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Trichloroethene	0.021 J		0.030	0.010	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	✳	04/05/21 11:00	04/12/21 15:24	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 126	04/05/21 11:00	04/12/21 15:24	50
4-Bromofluorobenzene (Surr)	93		72 - 124	04/05/21 11:00	04/12/21 15:24	50
Dibromofluoromethane (Surr)	105		75 - 120	04/05/21 11:00	04/12/21 15:24	50
Toluene-d8 (Surr)	95		75 - 120	04/05/21 11:00	04/12/21 15:24	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0065		0.018	0.0065	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1
PCB-1221	<0.0081		0.018	0.0081	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1
PCB-1232	<0.0080		0.018	0.0080	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1
PCB-1242	<0.0061		0.018	0.0061	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1
PCB-1248	<0.0073		0.018	0.0073	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1
PCB-1254	<0.0040		0.018	0.0040	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1
PCB-1260	<0.0091		0.018	0.0091	mg/Kg	✳	04/07/21 07:51	04/08/21 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		49 - 129	04/07/21 07:51	04/08/21 13:41	1
DCB Decachlorobiphenyl	99		37 - 121	04/07/21 07:51	04/08/21 13:41	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-8 (0.5'-1.5')

Lab Sample ID: 500-197099-17

Date Collected: 04/05/21 11:20

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.060	0.028	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,1,1-Trichloroethane	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,1,2,2-Tetrachloroethane	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,1,2-Trichloroethane	<0.021		0.060	0.021	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,1-Dichloroethane	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,1-Dichloroethene	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,1-Dichloropropene	<0.018		0.060	0.018	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2,3-Trichlorobenzene	<0.027		0.060	0.027	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2,4-Trichlorobenzene	<0.020		0.060	0.020	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2,4-Trimethylbenzene	<0.021		0.060	0.021	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2-Dibromo-3-Chloropropane	<0.12		0.30	0.12	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2-Dibromoethane	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2-Dichlorobenzene	<0.020		0.060	0.020	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2-Dichloroethane	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,2-Dichloropropane	<0.026		0.060	0.026	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,3,5-Trimethylbenzene	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,3-Dichlorobenzene	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,3-Dichloropropane	<0.022		0.060	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
1,4-Dichlorobenzene	<0.022		0.060	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
2,2-Dichloropropane	<0.026		0.060	0.026	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
2-Chlorotoluene	<0.019		0.060	0.019	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
4-Chlorotoluene	<0.021		0.060	0.021	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Benzene	<0.0087		0.015	0.0087	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Bromobenzene	<0.021		0.060	0.021	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Bromochloromethane	<0.026		0.060	0.026	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Bromodichloromethane	<0.022		0.060	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Bromoform	<0.029		0.060	0.029	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Bromomethane	<0.047		0.18	0.047	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Carbon tetrachloride	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Chlorobenzene	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Chloroethane	<0.030		0.060	0.030	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Chloroform	<0.022		0.12	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Chloromethane	<0.019		0.060	0.019	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
cis-1,2-Dichloroethene	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
cis-1,3-Dichloropropene	<0.025		0.060	0.025	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Dibromochloromethane	<0.029		0.060	0.029	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Dibromomethane	<0.016		0.060	0.016	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Dichlorodifluoromethane	<0.040		0.18	0.040	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Hexachlorobutadiene	<0.027		0.060	0.027	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Isopropyl ether	<0.016		0.060	0.016	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Isopropylbenzene	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Methyl tert-butyl ether	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Methylene Chloride	0.57	B	0.30	0.097	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Naphthalene	<0.020		0.060	0.020	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
n-Butylbenzene	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
N-Propylbenzene	<0.025		0.060	0.025	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
p-Isopropyltoluene	<0.022		0.060	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-8 (0.5'-1.5')

Lab Sample ID: 500-197099-17

Date Collected: 04/05/21 11:20

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Styrene	<0.023		0.060	0.023	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
tert-Butylbenzene	<0.024		0.060	0.024	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Tetrachloroethene	<0.022		0.060	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Toluene	<0.0088		0.015	0.0088	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
trans-1,2-Dichloroethene	<0.021		0.060	0.021	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
trans-1,3-Dichloropropene	<0.022		0.060	0.022	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Trichloroethene	<0.0098		0.030	0.0098	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Trichlorofluoromethane	<0.026		0.060	0.026	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Vinyl chloride	<0.016		0.060	0.016	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	✳	04/05/21 11:20	04/12/21 15:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 126	04/05/21 11:20	04/12/21 15:51	50
4-Bromofluorobenzene (Surr)	94		72 - 124	04/05/21 11:20	04/12/21 15:51	50
Dibromofluoromethane (Surr)	107		75 - 120	04/05/21 11:20	04/12/21 15:51	50
Toluene-d8 (Surr)	94		75 - 120	04/05/21 11:20	04/12/21 15:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0064		0.018	0.0064	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1
PCB-1221	<0.0079		0.018	0.0079	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1
PCB-1232	<0.0079		0.018	0.0079	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1
PCB-1242	<0.0059		0.018	0.0059	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1
PCB-1248	<0.0071		0.018	0.0071	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1
PCB-1254	<0.0039		0.018	0.0039	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1
PCB-1260	<0.0089		0.018	0.0089	mg/Kg	✳	04/07/21 07:51	04/08/21 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		49 - 129	04/07/21 07:51	04/08/21 13:56	1
DCB Decachlorobiphenyl	103		37 - 121	04/07/21 07:51	04/08/21 13:56	1

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: TB

Lab Sample ID: 500-197099-18

Date Collected: 04/05/21 00:00

Matrix: Solid

Date Received: 04/06/21 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Bromoform	<0.024		0.050	0.024	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Chloroform	<0.019		0.10	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Methylene Chloride	0.16	J B	0.25	0.082	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197099-1

Client Sample ID: TB

Lab Sample ID: 500-197099-18

Date Collected: 04/05/21 00:00

Matrix: Solid

Date Received: 04/06/21 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Styrene	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		04/05/21 00:00	04/12/21 10:57	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				04/05/21 00:00	04/12/21 10:57	50
4-Bromofluorobenzene (Surr)	93		72 - 124				04/05/21 00:00	04/12/21 10:57	50
Dibromofluoromethane (Surr)	103		75 - 120				04/05/21 00:00	04/12/21 10:57	50
Toluene-d8 (Surr)	95		75 - 120				04/05/21 00:00	04/12/21 10:57	50

Definitions/Glossary

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

Job ID: 500-197099-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

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

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
 Project/Site: Community Within the Corridor - 40443

Job ID: 500-197099-1

GC/MS VOA

Prep Batch: 591989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-1	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-2	WB-Int-10 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-3	WB-Int-11 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-4	WB-Int-12 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-5	WB-Int-13 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-6	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-7	WB-Int-15 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-8	WB-Int-16 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-9	WB-Int-17 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-10	WB-Int-1 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-11	WB-Int-2 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-12	WB-Int-3 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-13	WB-Int-4 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-14	WB-Int-5 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-15	WB-Int-6 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-16	WB-Int-7 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-17	WB-Int-8 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-18	TB	Total/NA	Solid	5035	
LB3 500-591989/19-A	Method Blank	Total/NA	Solid	5035	
LCS 500-591989/20-A	Lab Control Sample	Total/NA	Solid	5035	
500-197099-6 MS	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	5035	
500-197099-6 MSD	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	5035	

Analysis Batch: 592413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-1	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-2	WB-Int-10 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-3	WB-Int-11 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-4	WB-Int-12 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-5	WB-Int-13 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-6	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	8260B	591989
LB3 500-591989/19-A	Method Blank	Total/NA	Solid	8260B	591989
MB 500-592413/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-591989/20-A	Lab Control Sample	Total/NA	Solid	8260B	591989
LCS 500-592413/4	Lab Control Sample	Total/NA	Solid	8260B	
500-197099-6 MS	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-6 MSD	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	8260B	591989

Analysis Batch: 592700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-7	WB-Int-15 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-8	WB-Int-16 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-9	WB-Int-17 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-10	WB-Int-1 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-11	WB-Int-2 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-12	WB-Int-3 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-13	WB-Int-4 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-14	WB-Int-5 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-15	WB-Int-6 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-16	WB-Int-7 (0.5'-1.5')	Total/NA	Solid	8260B	591989
500-197099-17	WB-Int-8 (0.5'-1.5')	Total/NA	Solid	8260B	591989

Eurofins TestAmerica, Chicago

QC Association Summary

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

Job ID: 500-197099-1

GC/MS VOA (Continued)

Analysis Batch: 592700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-18	TB	Total/NA	Solid	8260B	591989
MB 500-592700/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-592700/4	Lab Control Sample	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 592039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-1	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-2	WB-Int-10 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-3	WB-Int-11 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-4	WB-Int-12 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-5	WB-Int-13 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-6	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-7	WB-Int-15 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-8	WB-Int-16 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-9	WB-Int-17 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-10	WB-Int-1 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-11	WB-Int-2 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-12	WB-Int-3 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-13	WB-Int-4 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-14	WB-Int-5 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-15	WB-Int-6 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-16	WB-Int-7 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-17	WB-Int-8 (0.5'-1.5')	Total/NA	Solid	3541	
MB 500-592039/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-592039/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-197099-1 MS	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	3541	
500-197099-1 MSD	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	3541	

Analysis Batch: 592199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-1	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-2	WB-Int-10 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-3	WB-Int-11 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-4	WB-Int-12 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-5	WB-Int-13 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-6	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-7	WB-Int-15 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-8	WB-Int-16 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-9	WB-Int-17 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-10	WB-Int-1 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-11	WB-Int-2 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-12	WB-Int-3 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-13	WB-Int-4 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-14	WB-Int-5 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-15	WB-Int-6 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-16	WB-Int-7 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-17	WB-Int-8 (0.5'-1.5')	Total/NA	Solid	8082A	592039
MB 500-592039/1-A	Method Blank	Total/NA	Solid	8082A	592039
LCS 500-592039/2-A	Lab Control Sample	Total/NA	Solid	8082A	592039

Eurofins TestAmerica, Chicago

QC Association Summary

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

Job ID: 500-197099-1

GC Semi VOA (Continued)

Analysis Batch: 592199 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-1 MS	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	8082A	592039
500-197099-1 MSD	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	8082A	592039

General Chemistry

Analysis Batch: 593365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197099-1	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-2	WB-Int-10 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-3	WB-Int-11 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-4	WB-Int-12 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-5	WB-Int-13 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-6	WB-Int-14 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-7	WB-Int-15 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-8	WB-Int-16 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-9	WB-Int-17 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-10	WB-Int-1 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-11	WB-Int-2 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-12	WB-Int-3 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-13	WB-Int-4 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-14	WB-Int-5 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-15	WB-Int-6 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-16	WB-Int-7 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-17	WB-Int-8 (0.5'-1.5')	Total/NA	Solid	Moisture	
500-197099-1 DU	WB-Int-9 (0.5'-1.5')	Total/NA	Solid	Moisture	

Surrogate Summary

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

Job ID: 500-197099-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-197099-1	WB-Int-9 (0.5'-1.5')	105	84	91	94
500-197099-2	WB-Int-10 (0.5'-1.5')	108	86	91	94
500-197099-3	WB-Int-11 (0.5'-1.5')	107	87	90	94
500-197099-4	WB-Int-12 (0.5'-1.5')	111	87	92	95
500-197099-5	WB-Int-13 (0.5'-1.5')	110	90	92	94
500-197099-6	WB-Int-14 (0.5'-1.5')	111	88	91	94
500-197099-6 MS	WB-Int-14 (0.5'-1.5')	107	85	96	95
500-197099-6 MSD	WB-Int-14 (0.5'-1.5')	106	86	97	95
500-197099-7	WB-Int-15 (0.5'-1.5')	101	93	103	95
500-197099-8	WB-Int-16 (0.5'-1.5')	100	94	99	96
500-197099-9	WB-Int-17 (0.5'-1.5')	100	95	100	96
500-197099-10	WB-Int-1 (0.5'-1.5')	101	93	102	96
500-197099-11	WB-Int-2 (0.5'-1.5')	102	92	104	95
500-197099-12	WB-Int-3 (0.5'-1.5')	103	93	105	95
500-197099-13	WB-Int-4 (0.5'-1.5')	103	94	104	94
500-197099-14	WB-Int-5 (0.5'-1.5')	103	93	103	95
500-197099-15	WB-Int-6 (0.5'-1.5')	103	92	105	96
500-197099-16	WB-Int-7 (0.5'-1.5')	102	93	105	95
500-197099-17	WB-Int-8 (0.5'-1.5')	106	94	107	94
500-197099-18	TB	102	93	103	95
LB3 500-591989/19-A	Method Blank	107	87	89	95
LCS 500-591989/20-A	Lab Control Sample	107	85	96	94
LCS 500-592413/4	Lab Control Sample	102	85	96	98
LCS 500-592700/4	Lab Control Sample	101	95	99	97
MB 500-592413/6	Method Blank	102	85	94	93
MB 500-592700/6	Method Blank	103	94	105	94

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (49-129)	DCBP2 (37-121)
500-197099-1	WB-Int-9 (0.5'-1.5')	79	94
500-197099-1 MS	WB-Int-9 (0.5'-1.5')	101	127 S1+
500-197099-1 MSD	WB-Int-9 (0.5'-1.5')	92	109
500-197099-2	WB-Int-10 (0.5'-1.5')	75	99
500-197099-3	WB-Int-11 (0.5'-1.5')	59	103
500-197099-4	WB-Int-12 (0.5'-1.5')	74	105
500-197099-5	WB-Int-13 (0.5'-1.5')	73	95
500-197099-6	WB-Int-14 (0.5'-1.5')	70	92
500-197099-7	WB-Int-15 (0.5'-1.5')	67	95
500-197099-8	WB-Int-16 (0.5'-1.5')	70	99
500-197099-9	WB-Int-17 (0.5'-1.5')	79	99

Eurofins TestAmerica, Chicago

Surrogate Summary

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

Job ID: 500-197099-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2	DCBP2
		(49-129)	(37-121)
500-197099-10	WB-Int-1 (0.5'-1.5')	75	94
500-197099-11	WB-Int-2 (0.5'-1.5')	67	96
500-197099-12	WB-Int-3 (0.5'-1.5')	65	98
500-197099-13	WB-Int-4 (0.5'-1.5')	86	99
500-197099-14	WB-Int-5 (0.5'-1.5')	73	90
500-197099-15	WB-Int-6 (0.5'-1.5')	59	89
500-197099-16	WB-Int-7 (0.5'-1.5')	75	99
500-197099-17	WB-Int-8 (0.5'-1.5')	70	103
LCS 500-592039/2-A	Lab Control Sample	92	106
MB 500-592039/1-A	Method Blank	89	96

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: LB3 500-591989/19-A
Matrix: Solid
Analysis Batch: 592413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 591989

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Bromoform	<0.024		0.050	0.024	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Chloroform	<0.019		0.10	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: LB3 500-591989/19-A
Matrix: Solid
Analysis Batch: 592413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 591989

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Styrene	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		04/06/21 23:15	04/09/21 16:10	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		04/06/21 23:15	04/09/21 16:10	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	04/06/21 23:15	04/09/21 16:10	50
4-Bromofluorobenzene (Surr)	87		72 - 124	04/06/21 23:15	04/09/21 16:10	50
Dibromofluoromethane (Surr)	89		75 - 120	04/06/21 23:15	04/09/21 16:10	50
Toluene-d8 (Surr)	95		75 - 120	04/06/21 23:15	04/09/21 16:10	50

Lab Sample ID: LCS 500-591989/20-A
Matrix: Solid
Analysis Batch: 592413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 591989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1,2-Tetrachloroethane	2.50	2.27		mg/Kg		91	70 - 125
1,1,1-Trichloroethane	2.50	2.45		mg/Kg		98	70 - 125
1,1,1,2-Tetrachloroethane	2.50	1.83		mg/Kg		73	62 - 140
1,1,2-Trichloroethane	2.50	2.20		mg/Kg		88	71 - 130
1,1-Dichloroethane	2.50	2.66		mg/Kg		107	70 - 125
1,1-Dichloroethene	2.50	2.23		mg/Kg		89	67 - 122
1,1-Dichloropropene	2.50	2.57		mg/Kg		103	70 - 121
1,2,3-Trichlorobenzene	2.50	2.57		mg/Kg		103	51 - 145
1,2,3-Trichloropropane	2.50	1.95		mg/Kg		78	50 - 133
1,2,4-Trichlorobenzene	2.50	2.52		mg/Kg		101	57 - 137
1,2,4-Trimethylbenzene	2.50	2.35		mg/Kg		94	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	1.65		mg/Kg		66	56 - 123
1,2-Dibromoethane	2.50	2.21		mg/Kg		88	70 - 125
1,2-Dichlorobenzene	2.50	2.27		mg/Kg		91	70 - 125
1,2-Dichloroethane	2.50	2.91		mg/Kg		116	68 - 127
1,2-Dichloropropane	2.50	2.76		mg/Kg		110	67 - 130
1,3,5-Trimethylbenzene	2.50	2.34		mg/Kg		94	70 - 123
1,3-Dichlorobenzene	2.50	2.36		mg/Kg		94	70 - 125
1,3-Dichloropropane	2.50	2.43		mg/Kg		97	62 - 136
1,4-Dichlorobenzene	2.50	2.35		mg/Kg		94	70 - 120
2,2-Dichloropropane	2.50	2.56		mg/Kg		103	58 - 139
2-Chlorotoluene	2.50	2.23		mg/Kg		89	70 - 125
4-Chlorotoluene	2.50	2.25		mg/Kg		90	68 - 124
Benzene	2.50	2.55		mg/Kg		102	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: LCS 500-591989/20-A
Matrix: Solid
Analysis Batch: 592413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 591989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.05		mg/Kg		82	70 - 122
Bromochloromethane	2.50	2.51		mg/Kg		100	65 - 122
Bromodichloromethane	2.50	2.25		mg/Kg		90	69 - 120
Bromoform	2.50	1.69		mg/Kg		68	56 - 132
Bromomethane	2.50	1.69		mg/Kg		68	40 - 152
Carbon tetrachloride	2.50	2.32		mg/Kg		93	59 - 133
Chlorobenzene	2.50	2.54		mg/Kg		102	70 - 120
Chloroethane	2.50	1.89		mg/Kg		76	48 - 136
Chloroform	2.50	2.48		mg/Kg		99	70 - 120
Chloromethane	2.50	2.29		mg/Kg		92	56 - 152
cis-1,2-Dichloroethene	2.50	2.40		mg/Kg		96	70 - 125
cis-1,3-Dichloropropene	2.50	2.14		mg/Kg		86	64 - 127
Dibromochloromethane	2.50	1.90		mg/Kg		76	68 - 125
Dibromomethane	2.50	2.50		mg/Kg		100	70 - 120
Dichlorodifluoromethane	2.50	1.38		mg/Kg		55	40 - 159
Ethylbenzene	2.50	2.63		mg/Kg		105	70 - 123
Hexachlorobutadiene	2.50	2.84		mg/Kg		113	51 - 150
Isopropylbenzene	2.50	2.23		mg/Kg		89	70 - 126
Methyl tert-butyl ether	2.50	2.78		mg/Kg		111	55 - 123
Methylene Chloride	2.50	2.33		mg/Kg		93	69 - 125
Naphthalene	2.50	2.24		mg/Kg		90	53 - 144
n-Butylbenzene	2.50	2.57		mg/Kg		103	68 - 125
N-Propylbenzene	2.50	2.30		mg/Kg		92	69 - 127
p-Isopropyltoluene	2.50	2.56		mg/Kg		102	70 - 125
sec-Butylbenzene	2.50	2.41		mg/Kg		97	70 - 123
Styrene	2.50	2.29		mg/Kg		92	70 - 120
tert-Butylbenzene	2.50	2.35		mg/Kg		94	70 - 121
Tetrachloroethene	2.50	2.38		mg/Kg		95	70 - 128
Toluene	2.50	2.40		mg/Kg		96	70 - 125
trans-1,2-Dichloroethene	2.50	2.33		mg/Kg		93	70 - 125
trans-1,3-Dichloropropene	2.50	2.09		mg/Kg		83	62 - 128
Trichloroethene	2.50	2.53		mg/Kg		101	70 - 125
Trichlorofluoromethane	2.50	2.27		mg/Kg		91	55 - 128
Vinyl chloride	2.50	2.19		mg/Kg		88	64 - 126
Xylenes, Total	5.00	5.26		mg/Kg		105	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		75 - 126
4-Bromofluorobenzene (Surr)	85		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: 500-197099-6 MS
Matrix: Solid
Analysis Batch: 592413

Client Sample ID: WB-Int-14 (0.5'-1.5')
Prep Type: Total/NA
Prep Batch: 591989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.025		2.73	2.42		mg/Kg	☆	89	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: 500-197099-6 MS

Client Sample ID: WB-Int-14 (0.5'-1.5')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 592413

Prep Batch: 591989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.021		2.73	2.56		mg/Kg	☼	94	70 - 125
1,1,1,2-Tetrachloroethane	<0.022		2.73	1.91		mg/Kg	☼	70	62 - 140
1,1,2-Trichloroethane	<0.019		2.73	2.36		mg/Kg	☼	87	71 - 130
1,1-Dichloroethane	<0.022		2.73	2.83		mg/Kg	☼	104	70 - 125
1,1-Dichloroethene	<0.021		2.73	2.43		mg/Kg	☼	89	67 - 122
1,1-Dichloropropene	<0.016		2.73	2.68		mg/Kg	☼	98	70 - 121
1,2,3-Trichlorobenzene	<0.025		2.73	2.74		mg/Kg	☼	100	51 - 145
1,2,3-Trichloropropane	<0.023		2.73	2.08		mg/Kg	☼	76	50 - 133
1,2,4-Trichlorobenzene	<0.019		2.73	2.67		mg/Kg	☼	98	57 - 137
1,2,4-Trimethylbenzene	<0.020		2.73	2.46		mg/Kg	☼	90	70 - 123
1,2-Dibromo-3-Chloropropane	<0.11		2.73	1.79		mg/Kg	☼	66	56 - 123
1,2-Dibromoethane	<0.021		2.73	2.27		mg/Kg	☼	83	70 - 125
1,2-Dichlorobenzene	<0.018		2.73	2.33		mg/Kg	☼	85	70 - 125
1,2-Dichloroethane	<0.021		2.73	3.00		mg/Kg	☼	110	68 - 127
1,2-Dichloropropane	<0.023		2.73	2.95		mg/Kg	☼	108	67 - 130
1,3,5-Trimethylbenzene	<0.021		2.73	2.43		mg/Kg	☼	89	70 - 123
1,3-Dichlorobenzene	<0.022		2.73	2.43		mg/Kg	☼	89	70 - 125
1,3-Dichloropropane	<0.020		2.73	2.52		mg/Kg	☼	92	62 - 136
1,4-Dichlorobenzene	<0.020		2.73	2.43		mg/Kg	☼	89	70 - 120
2,2-Dichloropropane	<0.024		2.73	2.61		mg/Kg	☼	96	58 - 139
2-Chlorotoluene	<0.017		2.73	2.33		mg/Kg	☼	86	70 - 125
4-Chlorotoluene	<0.019		2.73	2.37		mg/Kg	☼	87	68 - 124
Benzene	<0.0080		2.73	2.68		mg/Kg	☼	98	70 - 120
Bromobenzene	<0.019		2.73	2.15		mg/Kg	☼	79	70 - 122
Bromochloromethane	<0.023		2.73	2.65		mg/Kg	☼	97	65 - 122
Bromodichloromethane	<0.020		2.73	2.36		mg/Kg	☼	86	69 - 120
Bromoform	<0.026		2.73	1.81		mg/Kg	☼	66	56 - 132
Bromomethane	<0.043		2.73	1.99		mg/Kg	☼	73	40 - 152
Carbon tetrachloride	<0.021		2.73	2.45		mg/Kg	☼	90	59 - 133
Chlorobenzene	<0.021		2.73	2.66		mg/Kg	☼	97	70 - 120
Chloroethane	<0.027		2.73	2.16		mg/Kg	☼	79	48 - 136
Chloroform	<0.020		2.73	2.58		mg/Kg	☼	94	70 - 120
Chloromethane	<0.017		2.73	3.27		mg/Kg	☼	120	56 - 152
cis-1,2-Dichloroethene	<0.022		2.73	2.50		mg/Kg	☼	92	70 - 125
cis-1,3-Dichloropropene	<0.023		2.73	2.28		mg/Kg	☼	83	64 - 127
Dibromochloromethane	<0.027		2.73	2.03		mg/Kg	☼	74	68 - 125
Dibromomethane	<0.015		2.73	2.54		mg/Kg	☼	93	70 - 120
Dichlorodifluoromethane	<0.037		2.73	2.92		mg/Kg	☼	107	40 - 159
Ethylbenzene	<0.010		2.73	2.75		mg/Kg	☼	101	70 - 123
Hexachlorobutadiene	<0.024		2.73	2.95		mg/Kg	☼	108	51 - 150
Isopropylbenzene	<0.021		2.73	2.34		mg/Kg	☼	86	70 - 126
Methyl tert-butyl ether	<0.021		2.73	2.86		mg/Kg	☼	105	55 - 123
Methylene Chloride	<0.089		2.73	2.45		mg/Kg	☼	90	69 - 125
Naphthalene	<0.018		2.73	2.41		mg/Kg	☼	88	53 - 144
n-Butylbenzene	<0.021		2.73	2.68		mg/Kg	☼	98	68 - 125
N-Propylbenzene	<0.023		2.73	2.40		mg/Kg	☼	88	69 - 127
p-Isopropyltoluene	<0.020		2.73	2.66		mg/Kg	☼	98	70 - 125
sec-Butylbenzene	<0.022		2.73	2.52		mg/Kg	☼	93	70 - 123
Styrene	<0.021		2.73	2.38		mg/Kg	☼	87	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: 500-197099-6 MS

Matrix: Solid

Analysis Batch: 592413

Client Sample ID: WB-Int-14 (0.5'-1.5')

Prep Type: Total/NA

Prep Batch: 591989

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
tert-Butylbenzene	<0.022		2.73	2.46		mg/Kg	☼	90	70 - 121	
Tetrachloroethene	<0.020		2.73	2.51		mg/Kg	☼	92	70 - 128	
Toluene	<0.0080		2.73	2.53		mg/Kg	☼	93	70 - 125	
trans-1,2-Dichloroethene	<0.019		2.73	2.48		mg/Kg	☼	91	70 - 125	
trans-1,3-Dichloropropene	<0.020		2.73	2.21		mg/Kg	☼	81	62 - 128	
Trichloroethene	<0.0089		2.73	2.68		mg/Kg	☼	98	70 - 125	
Trichlorofluoromethane	<0.023		2.73	2.52		mg/Kg	☼	92	55 - 128	
Vinyl chloride	<0.014		2.73	2.91		mg/Kg	☼	107	64 - 126	
Xylenes, Total	<0.012		5.45	5.49		mg/Kg	☼	101	70 - 125	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	107		75 - 126							
4-Bromofluorobenzene (Surr)	85		72 - 124							
Dibromofluoromethane (Surr)	96		75 - 120							
Toluene-d8 (Surr)	95		75 - 120							

Lab Sample ID: 500-197099-6 MSD

Matrix: Solid

Analysis Batch: 592413

Client Sample ID: WB-Int-14 (0.5'-1.5')

Prep Type: Total/NA

Prep Batch: 591989

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.025		2.73	2.34		mg/Kg	☼	86	70 - 125	3	30	
1,1,1-Trichloroethane	<0.021		2.73	2.57		mg/Kg	☼	94	70 - 125	0	30	
1,1,1,2-Tetrachloroethane	<0.022		2.73	1.89		mg/Kg	☼	69	62 - 140	1	30	
1,1,2-Trichloroethane	<0.019		2.73	2.34		mg/Kg	☼	86	71 - 130	1	30	
1,1-Dichloroethane	<0.022		2.73	2.81		mg/Kg	☼	103	70 - 125	1	30	
1,1-Dichloroethene	<0.021		2.73	2.50		mg/Kg	☼	92	67 - 122	2	30	
1,1-Dichloropropene	<0.016		2.73	2.73		mg/Kg	☼	100	70 - 121	2	30	
1,2,3-Trichlorobenzene	<0.025		2.73	2.72		mg/Kg	☼	100	51 - 145	1	30	
1,2,3-Trichloropropane	<0.023		2.73	1.99		mg/Kg	☼	73	50 - 133	5	30	
1,2,4-Trichlorobenzene	<0.019		2.73	2.68		mg/Kg	☼	98	57 - 137	0	30	
1,2,4-Trimethylbenzene	<0.020		2.73	2.46		mg/Kg	☼	90	70 - 123	0	30	
1,2-Dibromo-3-Chloropropane	<0.11		2.73	1.75		mg/Kg	☼	64	56 - 123	2	30	
1,2-Dibromoethane	<0.021		2.73	2.26		mg/Kg	☼	83	70 - 125	1	30	
1,2-Dichlorobenzene	<0.018		2.73	2.36		mg/Kg	☼	86	70 - 125	1	30	
1,2-Dichloroethane	<0.021		2.73	2.95		mg/Kg	☼	108	68 - 127	2	30	
1,2-Dichloropropane	<0.023		2.73	2.97		mg/Kg	☼	109	67 - 130	1	30	
1,3,5-Trimethylbenzene	<0.021		2.73	2.43		mg/Kg	☼	89	70 - 123	0	30	
1,3-Dichlorobenzene	<0.022		2.73	2.42		mg/Kg	☼	89	70 - 125	1	30	
1,3-Dichloropropane	<0.020		2.73	2.48		mg/Kg	☼	91	62 - 136	2	30	
1,4-Dichlorobenzene	<0.020		2.73	2.44		mg/Kg	☼	89	70 - 120	0	30	
2,2-Dichloropropane	<0.024		2.73	2.67		mg/Kg	☼	98	58 - 139	2	30	
2-Chlorotoluene	<0.017		2.73	2.33		mg/Kg	☼	86	70 - 125	0	30	
4-Chlorotoluene	<0.019		2.73	2.36		mg/Kg	☼	87	68 - 124	0	30	
Benzene	<0.0080		2.73	2.69		mg/Kg	☼	99	70 - 120	0	30	
Bromobenzene	<0.019		2.73	2.15		mg/Kg	☼	79	70 - 122	0	30	
Bromochloromethane	<0.023		2.73	2.62		mg/Kg	☼	96	65 - 122	1	30	
Bromodichloromethane	<0.020		2.73	2.34		mg/Kg	☼	86	69 - 120	1	30	

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: 500-197099-6 MSD

Client Sample ID: WB-Int-14 (0.5'-1.5')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 592413

Prep Batch: 591989

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Bromoform	<0.026		2.73	1.83		mg/Kg	*	67	56 - 132	1	30
Bromomethane	<0.043		2.73	2.02		mg/Kg	*	74	40 - 152	2	30
Carbon tetrachloride	<0.021		2.73	2.45		mg/Kg	*	90	59 - 133	0	30
Chlorobenzene	<0.021		2.73	2.65		mg/Kg	*	97	70 - 120	0	30
Chloroethane	<0.027		2.73	2.21		mg/Kg	*	81	48 - 136	2	30
Chloroform	<0.020		2.73	2.55		mg/Kg	*	94	70 - 120	1	30
Chloromethane	<0.017		2.73	3.38		mg/Kg	*	124	56 - 152	3	30
cis-1,2-Dichloroethene	<0.022		2.73	2.51		mg/Kg	*	92	70 - 125	0	30
cis-1,3-Dichloropropene	<0.023		2.73	2.27		mg/Kg	*	83	64 - 127	0	30
Dibromochloromethane	<0.027		2.73	2.04		mg/Kg	*	75	68 - 125	0	30
Dibromomethane	<0.015		2.73	2.53		mg/Kg	*	93	70 - 120	0	30
Dichlorodifluoromethane	<0.037		2.73	2.89		mg/Kg	*	106	40 - 159	1	30
Ethylbenzene	<0.010		2.73	2.78		mg/Kg	*	102	70 - 123	1	30
Hexachlorobutadiene	<0.024		2.73	3.01		mg/Kg	*	110	51 - 150	2	30
Isopropylbenzene	<0.021		2.73	2.35		mg/Kg	*	86	70 - 126	0	30
Methyl tert-butyl ether	<0.021		2.73	2.88		mg/Kg	*	106	55 - 123	1	30
Methylene Chloride	<0.089		2.73	2.48		mg/Kg	*	91	69 - 125	1	30
Naphthalene	<0.018		2.73	2.42		mg/Kg	*	89	53 - 144	0	30
n-Butylbenzene	<0.021		2.73	2.68		mg/Kg	*	98	68 - 125	0	30
N-Propylbenzene	<0.023		2.73	2.41		mg/Kg	*	88	69 - 127	0	30
p-Isopropyltoluene	<0.020		2.73	2.68		mg/Kg	*	98	70 - 125	1	30
sec-Butylbenzene	<0.022		2.73	2.54		mg/Kg	*	93	70 - 123	0	30
Styrene	<0.021		2.73	2.38		mg/Kg	*	87	70 - 120	0	30
tert-Butylbenzene	<0.022		2.73	2.47		mg/Kg	*	90	70 - 121	0	30
Tetrachloroethene	<0.020		2.73	2.50		mg/Kg	*	92	70 - 128	1	30
Toluene	<0.0080		2.73	2.53		mg/Kg	*	93	70 - 125	0	30
trans-1,2-Dichloroethene	<0.019		2.73	2.52		mg/Kg	*	92	70 - 125	2	30
trans-1,3-Dichloropropene	<0.020		2.73	2.20		mg/Kg	*	81	62 - 128	1	30
Trichloroethene	<0.0089		2.73	2.68		mg/Kg	*	98	70 - 125	0	30
Trichlorofluoromethane	<0.023		2.73	2.58		mg/Kg	*	94	55 - 128	2	30
Vinyl chloride	<0.014		2.73	2.96		mg/Kg	*	109	64 - 126	2	30
Xylenes, Total	<0.012		5.45	5.46		mg/Kg	*	100	70 - 125	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		75 - 126
4-Bromofluorobenzene (Surr)	86		72 - 124
Dibromofluoromethane (Surr)	97		75 - 120
Toluene-d8 (Surr)	95		75 - 120

Lab Sample ID: MB 500-592413/6

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 592413

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			04/09/21 11:07	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			04/09/21 11:07	1
1,1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			04/09/21 11:07	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			04/09/21 11:07	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: MB 500-592413/6
Matrix: Solid
Analysis Batch: 592413

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			04/09/21 11:07	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			04/09/21 11:07	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			04/09/21 11:07	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			04/09/21 11:07	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			04/09/21 11:07	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			04/09/21 11:07	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			04/09/21 11:07	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			04/09/21 11:07	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			04/09/21 11:07	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/09/21 11:07	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			04/09/21 11:07	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			04/09/21 11:07	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/09/21 11:07	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			04/09/21 11:07	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			04/09/21 11:07	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			04/09/21 11:07	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			04/09/21 11:07	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/09/21 11:07	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			04/09/21 11:07	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			04/09/21 11:07	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			04/09/21 11:07	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			04/09/21 11:07	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			04/09/21 11:07	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			04/09/21 11:07	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			04/09/21 11:07	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			04/09/21 11:07	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			04/09/21 11:07	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			04/09/21 11:07	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			04/09/21 11:07	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			04/09/21 11:07	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			04/09/21 11:07	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			04/09/21 11:07	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			04/09/21 11:07	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			04/09/21 11:07	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/09/21 11:07	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			04/09/21 11:07	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			04/09/21 11:07	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			04/09/21 11:07	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			04/09/21 11:07	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/09/21 11:07	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			04/09/21 11:07	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/09/21 11:07	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			04/09/21 11:07	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: MB 500-592413/6
Matrix: Solid
Analysis Batch: 592413

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.00015		0.00025	0.00015	mg/Kg			04/09/21 11:07	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			04/09/21 11:07	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			04/09/21 11:07	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			04/09/21 11:07	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			04/09/21 11:07	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			04/09/21 11:07	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			04/09/21 11:07	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		04/09/21 11:07	1
4-Bromofluorobenzene (Surr)	85		72 - 124		04/09/21 11:07	1
Dibromofluoromethane (Surr)	94		75 - 120		04/09/21 11:07	1
Toluene-d8 (Surr)	93		75 - 120		04/09/21 11:07	1

Lab Sample ID: LCS 500-592413/4
Matrix: Solid
Analysis Batch: 592413

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	0.0500	0.0427		mg/Kg		85	70 - 125
1,1,1-Trichloroethane	0.0500	0.0469		mg/Kg		94	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0333		mg/Kg		67	62 - 140
1,1,2-Trichloroethane	0.0500	0.0401		mg/Kg		80	71 - 130
1,1-Dichloroethane	0.0500	0.0489		mg/Kg		98	70 - 125
1,1-Dichloroethene	0.0500	0.0430		mg/Kg		86	67 - 122
1,1-Dichloropropene	0.0500	0.0486		mg/Kg		97	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0401		mg/Kg		80	51 - 145
1,2,3-Trichloropropane	0.0500	0.0342		mg/Kg		68	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0406		mg/Kg		81	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0428		mg/Kg		86	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0296		mg/Kg		59	56 - 123
1,2-Dibromoethane	0.0500	0.0395		mg/Kg		79	70 - 125
1,2-Dichlorobenzene	0.0500	0.0398		mg/Kg		80	70 - 125
1,2-Dichloroethane	0.0500	0.0504		mg/Kg		101	68 - 127
1,2-Dichloropropane	0.0500	0.0505		mg/Kg		101	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0427		mg/Kg		85	70 - 123
1,3-Dichlorobenzene	0.0500	0.0422		mg/Kg		84	70 - 125
1,3-Dichloropropane	0.0500	0.0428		mg/Kg		86	62 - 136
1,4-Dichlorobenzene	0.0500	0.0418		mg/Kg		84	70 - 120
2,2-Dichloropropane	0.0500	0.0500		mg/Kg		100	58 - 139
2-Chlorotoluene	0.0500	0.0414		mg/Kg		83	70 - 125
4-Chlorotoluene	0.0500	0.0411		mg/Kg		82	68 - 124
Benzene	0.0500	0.0467		mg/Kg		93	70 - 120
Bromobenzene	0.0500	0.0377		mg/Kg		75	70 - 122
Bromochloromethane	0.0500	0.0451		mg/Kg		90	65 - 122
Bromodichloromethane	0.0500	0.0416		mg/Kg		83	69 - 120
Bromoform	0.0500	0.0333		mg/Kg		67	56 - 132
Bromomethane	0.0500	0.0524		mg/Kg		105	40 - 152

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: LCS 500-592413/4
Matrix: Solid
Analysis Batch: 592413

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.0500	0.0469		mg/Kg		94	59 - 133
Chlorobenzene	0.0500	0.0457		mg/Kg		91	70 - 120
Chloroethane	0.0500	0.0595		mg/Kg		119	48 - 136
Chloroform	0.0500	0.0442		mg/Kg		88	70 - 120
Chloromethane	0.0500	0.0555		mg/Kg		111	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0428		mg/Kg		86	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0404		mg/Kg		81	64 - 127
Dibromochloromethane	0.0500	0.0368		mg/Kg		74	68 - 125
Dibromomethane	0.0500	0.0429		mg/Kg		86	70 - 120
Dichlorodifluoromethane	0.0500	0.0497		mg/Kg		99	40 - 159
Ethylbenzene	0.0500	0.0485		mg/Kg		97	70 - 123
Hexachlorobutadiene	0.0500	0.0465		mg/Kg		93	51 - 150
Isopropylbenzene	0.0500	0.0429		mg/Kg		86	70 - 126
Methyl tert-butyl ether	0.0500	0.0469		mg/Kg		94	55 - 123
Methylene Chloride	0.0500	0.0411		mg/Kg		82	69 - 125
Naphthalene	0.0500	0.0355		mg/Kg		71	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	0.0461		mg/Kg		92	70 - 125
sec-Butylbenzene	0.0500	0.0448		mg/Kg		90	70 - 123
Styrene	0.0500	0.0440		mg/Kg		88	70 - 120
tert-Butylbenzene	0.0500	0.0435		mg/Kg		87	70 - 121
Tetrachloroethene	0.0500	0.0471		mg/Kg		94	70 - 128
Toluene	0.0500	0.0451		mg/Kg		90	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0444		mg/Kg		89	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0375		mg/Kg		75	62 - 128
Trichloroethene	0.0500	0.0471		mg/Kg		94	70 - 125
Trichlorofluoromethane	0.0500	0.0456		mg/Kg		91	55 - 128
Vinyl chloride	0.0500	0.0509		mg/Kg		102	64 - 126
Xylenes, Total	0.100	0.0954		mg/Kg		95	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		75 - 126
4-Bromofluorobenzene (Surr)	85		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: MB 500-592700/6
Matrix: Solid
Analysis Batch: 592700

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			04/12/21 10:31	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			04/12/21 10:31	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			04/12/21 10:31	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			04/12/21 10:31	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			04/12/21 10:31	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: MB 500-592700/6
Matrix: Solid
Analysis Batch: 592700

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			04/12/21 10:31	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			04/12/21 10:31	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			04/12/21 10:31	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			04/12/21 10:31	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			04/12/21 10:31	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			04/12/21 10:31	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			04/12/21 10:31	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			04/12/21 10:31	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/12/21 10:31	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			04/12/21 10:31	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			04/12/21 10:31	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/12/21 10:31	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			04/12/21 10:31	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			04/12/21 10:31	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			04/12/21 10:31	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			04/12/21 10:31	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/12/21 10:31	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			04/12/21 10:31	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			04/12/21 10:31	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			04/12/21 10:31	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			04/12/21 10:31	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			04/12/21 10:31	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			04/12/21 10:31	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			04/12/21 10:31	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			04/12/21 10:31	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			04/12/21 10:31	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			04/12/21 10:31	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			04/12/21 10:31	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			04/12/21 10:31	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			04/12/21 10:31	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			04/12/21 10:31	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			04/12/21 10:31	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			04/12/21 10:31	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/12/21 10:31	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1
Methylene Chloride	0.00213	J	0.0050	0.0016	mg/Kg			04/12/21 10:31	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			04/12/21 10:31	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			04/12/21 10:31	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			04/12/21 10:31	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/12/21 10:31	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			04/12/21 10:31	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/12/21 10:31	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			04/12/21 10:31	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			04/12/21 10:31	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			04/12/21 10:31	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: MB 500-592700/6
Matrix: Solid
Analysis Batch: 592700

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			04/12/21 10:31	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			04/12/21 10:31	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			04/12/21 10:31	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			04/12/21 10:31	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			04/12/21 10:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		04/12/21 10:31	1
4-Bromofluorobenzene (Surr)	94		72 - 124		04/12/21 10:31	1
Dibromofluoromethane (Surr)	105		75 - 120		04/12/21 10:31	1
Toluene-d8 (Surr)	94		75 - 120		04/12/21 10:31	1

Lab Sample ID: LCS 500-592700/4
Matrix: Solid
Analysis Batch: 592700

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	0.0460		mg/Kg		92	70 - 125
1,1,1-Trichloroethane	0.0500	0.0442		mg/Kg		88	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0473		mg/Kg		95	62 - 140
1,1,2-Trichloroethane	0.0500	0.0481		mg/Kg		96	71 - 130
1,1-Dichloroethane	0.0500	0.0451		mg/Kg		90	70 - 125
1,1-Dichloroethene	0.0500	0.0470		mg/Kg		94	67 - 122
1,1-Dichloropropene	0.0500	0.0458		mg/Kg		92	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0502		mg/Kg		100	51 - 145
1,2,3-Trichloropropane	0.0500	0.0487		mg/Kg		97	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0492		mg/Kg		98	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0453		mg/Kg		91	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0472		mg/Kg		94	56 - 123
1,2-Dibromoethane	0.0500	0.0485		mg/Kg		97	70 - 125
1,2-Dichlorobenzene	0.0500	0.0483		mg/Kg		97	70 - 125
1,2-Dichloroethane	0.0500	0.0468		mg/Kg		94	68 - 127
1,2-Dichloropropane	0.0500	0.0461		mg/Kg		92	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0460		mg/Kg		92	70 - 123
1,3-Dichlorobenzene	0.0500	0.0480		mg/Kg		96	70 - 125
1,3-Dichloropropane	0.0500	0.0473		mg/Kg		95	62 - 136
1,4-Dichlorobenzene	0.0500	0.0476		mg/Kg		95	70 - 120
2,2-Dichloropropane	0.0500	0.0419		mg/Kg		84	58 - 139
2-Chlorotoluene	0.0500	0.0455		mg/Kg		91	70 - 125
4-Chlorotoluene	0.0500	0.0457		mg/Kg		91	68 - 124
Benzene	0.0500	0.0466		mg/Kg		93	70 - 120
Bromobenzene	0.0500	0.0495		mg/Kg		99	70 - 122
Bromochloromethane	0.0500	0.0476		mg/Kg		95	65 - 122
Bromodichloromethane	0.0500	0.0451		mg/Kg		90	69 - 120
Bromoform	0.0500	0.0481		mg/Kg		96	56 - 132
Bromomethane	0.0500	0.0516		mg/Kg		103	40 - 152
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	59 - 133
Chlorobenzene	0.0500	0.0465		mg/Kg		93	70 - 120

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QC Sample Results

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

Job ID: 500-197099-1

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

Lab Sample ID: LCS 500-592700/4
Matrix: Solid
Analysis Batch: 592700

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	0.0500	0.0542		mg/Kg		108	48 - 136
Chloroform	0.0500	0.0449		mg/Kg		90	70 - 120
Chloromethane	0.0500	0.0449		mg/Kg		90	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0445		mg/Kg		89	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0452		mg/Kg		90	64 - 127
Dibromochloromethane	0.0500	0.0461		mg/Kg		92	68 - 125
Dibromomethane	0.0500	0.0470		mg/Kg		94	70 - 120
Dichlorodifluoromethane	0.0500	0.0390		mg/Kg		78	40 - 159
Ethylbenzene	0.0500	0.0451		mg/Kg		90	70 - 123
Hexachlorobutadiene	0.0500	0.0533		mg/Kg		107	51 - 150
Isopropylbenzene	0.0500	0.0463		mg/Kg		93	70 - 126
Methyl tert-butyl ether	0.0500	0.0441		mg/Kg		88	55 - 123
Methylene Chloride	0.0500	0.0482		mg/Kg		96	69 - 125
Naphthalene	0.0500	0.0497		mg/Kg		99	53 - 144
n-Butylbenzene	0.0500	0.0461		mg/Kg		92	68 - 125
N-Propylbenzene	0.0500	0.0468		mg/Kg		94	69 - 127
p-Isopropyltoluene	0.0500	0.0466		mg/Kg		93	70 - 125
sec-Butylbenzene	0.0500	0.0467		mg/Kg		93	70 - 123
Styrene	0.0500	0.0457		mg/Kg		91	70 - 120
tert-Butylbenzene	0.0500	0.0468		mg/Kg		94	70 - 121
Tetrachloroethene	0.0500	0.0503		mg/Kg		101	70 - 128
Toluene	0.0500	0.0456		mg/Kg		91	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0465		mg/Kg		93	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0439		mg/Kg		88	62 - 128
Trichloroethene	0.0500	0.0492		mg/Kg		98	70 - 125
Trichlorofluoromethane	0.0500	0.0474		mg/Kg		95	55 - 128
Vinyl chloride	0.0500	0.0457		mg/Kg		91	64 - 126
Xylenes, Total	0.100	0.0873		mg/Kg		87	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 126
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
Toluene-d8 (Surr)	97		75 - 120

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

Lab Sample ID: MB 500-592039/1-A
Matrix: Solid
Analysis Batch: 592199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		04/07/21 07:51	04/08/21 08:47	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		04/07/21 07:51	04/08/21 08:47	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		04/07/21 07:51	04/08/21 08:47	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		04/07/21 07:51	04/08/21 08:47	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		04/07/21 07:51	04/08/21 08:47	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		04/07/21 07:51	04/08/21 08:47	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		04/07/21 07:51	04/08/21 08:47	1

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QC Sample Results

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

Job ID: 500-197099-1

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro- <i>m</i> -xylene	89		49 - 129	04/07/21 07:51	04/08/21 08:47	1
DCB Decachlorobiphenyl	96		37 - 121	04/07/21 07:51	04/08/21 08:47	1

Lab Sample ID: LCS 500-592039/2-A
Matrix: Solid
Analysis Batch: 592199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592039

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.155		mg/Kg		93	57 - 120
PCB-1260	0.167	0.153		mg/Kg		92	61 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro- <i>m</i> -xylene	92		49 - 129
DCB Decachlorobiphenyl	106		37 - 121

Lab Sample ID: 500-197099-1 MS
Matrix: Solid
Analysis Batch: 592199

Client Sample ID: WB-Int-9 (0.5'-1.5')
Prep Type: Total/NA
Prep Batch: 592039

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
PCB-1016	<0.0066		0.189	0.175		mg/Kg	✱	93	57 - 120
PCB-1260	<0.0092		0.189	0.184		mg/Kg	✱	97	61 - 125

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro- <i>m</i> -xylene	101		49 - 129
DCB Decachlorobiphenyl	127	S1+	37 - 121

Lab Sample ID: 500-197099-1 MSD
Matrix: Solid
Analysis Batch: 592199

Client Sample ID: WB-Int-9 (0.5'-1.5')
Prep Type: Total/NA
Prep Batch: 592039

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	Limits	RPD	
				Result	Qualifier					RPD	Limit
PCB-1016	<0.0066		0.187	0.155		mg/Kg	✱	83	57 - 120	12	30
PCB-1260	<0.0092		0.187	0.157		mg/Kg	✱	84	61 - 125	16	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro- <i>m</i> -xylene	92		49 - 129
DCB Decachlorobiphenyl	109		37 - 121

Lab Chronicle

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-9 (0.5'-1.5')

Date Collected: 04/02/21 14:40

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-9 (0.5'-1.5')

Date Collected: 04/02/21 14:40

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-1

Matrix: Solid

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 14:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592413	04/09/21 16:37	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 09:18	JBj	TAL CHI

Client Sample ID: WB-Int-10 (0.5'-1.5')

Date Collected: 04/02/21 11:40

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-10 (0.5'-1.5')

Date Collected: 04/02/21 11:40

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-2

Matrix: Solid

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592413	04/09/21 17:05	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 10:04	JBj	TAL CHI

Client Sample ID: WB-Int-11 (0.5'-1.5')

Date Collected: 04/02/21 12:25

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-11 (0.5'-1.5')

Date Collected: 04/02/21 12:25

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-3

Matrix: Solid

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 12:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592413	04/09/21 17:33	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 10:20	JBj	TAL CHI

Lab Chronicle

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-12 (0.5'-1.5')

Date Collected: 04/02/21 12:55

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-12 (0.5'-1.5')

Date Collected: 04/02/21 12:55

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-4

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 12:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592413	04/09/21 18:00	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 10:35	JBj	TAL CHI

Client Sample ID: WB-Int-13 (0.5'-1.5')

Date Collected: 04/02/21 13:05

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-13 (0.5'-1.5')

Date Collected: 04/02/21 13:05

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-5

Matrix: Solid

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 13:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592413	04/09/21 18:28	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 10:51	JBj	TAL CHI

Client Sample ID: WB-Int-14 (0.5'-1.5')

Date Collected: 04/02/21 13:15

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-14 (0.5'-1.5')

Date Collected: 04/02/21 13:15

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-6

Matrix: Solid

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 13:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592413	04/09/21 18:56	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 11:06	JBj	TAL CHI

Lab Chronicle

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-15 (0.5'-1.5')

Date Collected: 04/02/21 13:25

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-15 (0.5'-1.5')

Date Collected: 04/02/21 13:25

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-7

Matrix: Solid

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 13:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 11:24	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 11:22	JBj	TAL CHI

Client Sample ID: WB-Int-16 (0.5'-1.5')

Date Collected: 04/02/21 13:50

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-16 (0.5'-1.5')

Date Collected: 04/02/21 13:50

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-8

Matrix: Solid

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 13:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 11:51	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		10	592199	04/08/21 11:37	JBj	TAL CHI

Client Sample ID: WB-Int-17 (0.5'-1.5')

Date Collected: 04/02/21 14:20

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-17 (0.5'-1.5')

Date Collected: 04/02/21 14:20

Date Received: 04/06/21 08:40

Lab Sample ID: 500-197099-9

Matrix: Solid

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/02/21 14:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 12:17	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		5	592199	04/08/21 11:53	JBj	TAL CHI

Lab Chronicle

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-1 (0.5'-1.5')

Lab Sample ID: 500-197099-10

Date Collected: 04/05/21 14:15

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-1 (0.5'-1.5')

Lab Sample ID: 500-197099-10

Date Collected: 04/05/21 14:15

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 14:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 12:44	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 12:08	JBj	TAL CHI

Client Sample ID: WB-Int-2 (0.5'-1.5')

Lab Sample ID: 500-197099-11

Date Collected: 04/05/21 14:00

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-2 (0.5'-1.5')

Lab Sample ID: 500-197099-11

Date Collected: 04/05/21 14:00

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 14:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 13:11	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 12:24	JBj	TAL CHI

Client Sample ID: WB-Int-3 (0.5'-1.5')

Lab Sample ID: 500-197099-12

Date Collected: 04/05/21 13:40

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-3 (0.5'-1.5')

Lab Sample ID: 500-197099-12

Date Collected: 04/05/21 13:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 13:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 13:37	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 12:39	JBj	TAL CHI

Lab Chronicle

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-4 (0.5'-1.5')

Lab Sample ID: 500-197099-13

Date Collected: 04/05/21 13:05

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-4 (0.5'-1.5')

Lab Sample ID: 500-197099-13

Date Collected: 04/05/21 13:05

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 13:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 14:04	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 12:54	JBj	TAL CHI

Client Sample ID: WB-Int-5 (0.5'-1.5')

Lab Sample ID: 500-197099-14

Date Collected: 04/05/21 12:50

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-5 (0.5'-1.5')

Lab Sample ID: 500-197099-14

Date Collected: 04/05/21 12:50

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 12:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 14:31	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 13:10	JBj	TAL CHI

Client Sample ID: WB-Int-6 (0.5'-1.5')

Lab Sample ID: 500-197099-15

Date Collected: 04/05/21 11:40

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-6 (0.5'-1.5')

Lab Sample ID: 500-197099-15

Date Collected: 04/05/21 11:40

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 14:58	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 13:25	JBj	TAL CHI

Lab Chronicle

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

Job ID: 500-197099-1

Client Sample ID: WB-Int-7 (0.5'-1.5')

Lab Sample ID: 500-197099-16

Date Collected: 04/05/21 11:00

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-7 (0.5'-1.5')

Lab Sample ID: 500-197099-16

Date Collected: 04/05/21 11:00

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 15:24	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 13:41	JBj	TAL CHI

Client Sample ID: WB-Int-8 (0.5'-1.5')

Lab Sample ID: 500-197099-17

Date Collected: 04/05/21 11:20

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	593365	04/15/21 07:45	LWN	TAL CHI

Client Sample ID: WB-Int-8 (0.5'-1.5')

Lab Sample ID: 500-197099-17

Date Collected: 04/05/21 11:20

Matrix: Solid

Date Received: 04/06/21 08:40

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 11:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 15:51	PMF	TAL CHI
Total/NA	Prep	3541			592039	04/07/21 07:51	BSO	TAL CHI
Total/NA	Analysis	8082A		1	592199	04/08/21 13:56	JBj	TAL CHI

Client Sample ID: TB

Lab Sample ID: 500-197099-18

Date Collected: 04/05/21 00:00

Matrix: Solid

Date Received: 04/06/21 08:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			591989	04/05/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592700	04/12/21 10:57	PMF	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
Project/Site: Community Within the Corridor - 40443

Job ID: 500-197099-1

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

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500-197099

Sample Collector(s) Kyle Vander Heiden Property Owner Community Within the Corridor Limited Partnership	500-197099 COC	Title Staff Geologist Property Address 2727 N 32nd Street, Milwaukee WI 53210	Telephone # (incl area code) (262) 821 1171 Telephone # (incl area code) N/A	Report To Kyle Vander Heiden & Robert Reineke KSingh Project # 40443
--	----------------	--	---	---

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

Relinquished By (Signature) <i>[Signature]</i>	Date/Time 4/5/2021 @ 0900	Received By (Signature) <i>[Signature]</i>	Temperature Blank: 5.2 → 4.4 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) <i>[Signature]</i>	Date/Time 4-5-21 17 00	Received By (Signature) <i>[Signature]</i> 4/6/21 1020	

1 Specify groundwater (GW) soil (S), air (A), sludge (SL) surface water (SW) etc					Sample Condition																			
2 Sample description must clearly correlate the sample ID to the sampling location					# / Type of Container																			
Date Collected	Time Collected	Samples		Location/Description (2)	VOCs	PCBs													MeOH		--	Unpres	Other Comment	
		Type (1)	Device																					
4/2/2021	14.40	S	H.A	WB-Int-9 (0.5-1.5)	x	x														1			2	
4/2/2021	11.40	S	H.A	WB-Int-10 (0.5-1.5)	x	x														1			2	
4/2/2021	12.25	S	H.A	WB-Int-11 (0.5-1.5)	x	x														1			2	
4/2/2021	12.55	S	H.A	WB-Int-12 (0.5-1.5)	x	x														1			2	
4/2/2021	13.05	S	H.A	WB-Int-13 (0.5-1.5)	x	x														1			2	
4/2/2021	13.15	S	H.A	WB-Int-14 (0.5-1.5)	x	x														1			2	
4/2/2021	13.25	S	H.A	WB-Int-15 (0.5-1.5)	x	x														1			2	
4/2/2021	13.50	S	H.A	WB-Int-16 (0.5-1.5)	x	x														1			2	
4/2/2021	14.20	S	H.A	WB-Int-17 (0.5-1.5)	x	x														1			2	

987654321

NOTE(S)

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

500-197099

Sample Collector(s) Kyle Vander Heiden	Title Staff Geologist	Telephone # (incl area code) (262) 821 1171	Report To Kyle Vander Heiden & Robert Reineke
Property Owner Community Within the Corridor Limited Partnership	Property Address 2727 N 32nd Street 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

Relinquished By (Signature) <i>[Signature]</i>	Date/Time 4/5/21 @ 1545	Received By (Signature) <i>[Signature]</i>	Temperature Blank: 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) <i>[Signature]</i>	Date/Time 4-5-21 1700	Received By (Signature) <i>[Signature]</i> 4/6/21 1020	

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

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Date Collected	Time Collected	Samples		Location/Description (2)	VOCs	PCBs	Sample Condition				Other Comment
		Type (1)	Device				# / Type of Container			---	
							MeOH		--	Unpres	
4/5/2021	14 15	S	H A	WB-Int 1 (0.5' 1.5')	x	x		1		2	
4/5/2021	14:00	S	H A.	WB Int-2 (0.5' 1.5')	x	x		1		2	
4/5/2021	13.40	S	H A.	WB-Int-3 (0.5' 1.5')	x	x		1		2	
4/5/2021	13 05	S	H.A	WB-Int-4 (0.5' 1.5')	x	x		1		2	
4/5/2021	12 50	S	H.A	WB-Int 5 (0.5' 1.5')	x	x		1		2	
4/5/2021	11 40	S	H.A	WB-Int-6 (0.5' 1.5')	x	x		1		2	
4/5/2021	11:00	S	H A	WB-Int 7 (0.5' 1.5')	x	x		1		2	
4/5/2021	11:20	S	H A	WB-Int-8 (0.5' 1.5')	x	x		1		2	
4/5/2021		S		TB	x			1			

NOTE(S)

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

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-197099-1

Login Number: 197099

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

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	4.4
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	



ANALYTICAL REPORT

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

Laboratory Job ID: 500-198786-1

Client Project/Site: Community Within the Corridor - 40443

For:

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

Attn: Daniel Pelczar



*Authorized for release by:
5/20/2021 9:51:33 AM*

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

LINKS

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results through
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	27
QC Association	28
Surrogate Summary	31
QC Sample Results	33
Chronicle	56
Certification Summary	59
Chain of Custody	60
Receipt Checklists	61



Case Narrative

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

Job ID: 500-198786-1

Job ID: 500-198786-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-198786-1

Comments

No additional comments.

Receipt

The samples were received on 5/7/2021 10:00 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 5.4° C.

GC/MS VOA

Method 8260B: The laboratory control samples (LCSs) for 597570 and 597571 recovered outside control limits for many analytes. These are prepped 5035 LCSs. All daily instrument LCSs were acceptable to continue with analyses, and the data have been reported. WB-MW-1 (4-6) (500-198786-1), WB-MW-1 (10-12) (500-198786-2), WB-MW-2 (3-5) (500-198786-3), WB-MW-2 (8.5-10.5) (500-198786-4), WB-MW-3 (1-3) (500-198786-5), WB-MW-3 (10-12) (500-198786-6), WB-MW-4 (2-4) (500-198786-7) and WB-MW-4 (10-12) (500-198786-8)

Method 8260B: Surrogate recovery for the following sample was outside the upper control limit: WB-MW-2 (8.5-10.5) (500-198786-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260B: The laboratory control sample (LCS) for 598549 recovered outside control limits for Chloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. WB-MW-2 (8.5-10.5) (500-198786-4) and WB-MW-3 (1-3) (500-198786-5)

Method 8260B: The laboratory control sample (LCS) for 599078 recovered outside control limits for the following analytes: Dibromochloromethane and 1,2-Dibromo-3-chloropropane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported. WB-MW-1 (10-12) (500-198786-2)

Method 8260B: The laboratory control sample (LCS) for 598538 recovered outside control limits for 1,2-Dibromo-3-Chloropropane. This analyte was biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported. WB-MW-3 (10-12) (500-198786-6), WB-MW-4 (2-4) (500-198786-7) and WB-MW-4 (10-12) (500-198786-8)

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

GC/MS Semi VOA

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

GC Semi VOA

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following Continuing Calibration Verification (CCVIS) was outside control limits: WB-MW-1 (4-6) (500-198786-1), WB-MW-2 (3-5) (500-198786-3), WB-MW-4 (2-4) (500-198786-7) and (CCVIS 500-599554/2). The other surrogate was within limits; therefore, re-analysis was not performed.

Method 8082A: The following samples were reported from the primary column due to PCB-1260 recovering outside control limits for the continuing calibration verification (CCV) on the secondary column; therefore, the higher of the two results have been reported. WB-MW-3 (1-3) (500-198786-5) and (CCVIS 500-599810/1)

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1260: WB-MW-3 (1-3) (500-198786-5).

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

Metals

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

Organic Prep

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

Detection Summary

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (4-6)

Lab Sample ID: 500-198786-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.030	J	0.064	0.021	mg/Kg	50	✳	8260B	Total/NA
Toluene	0.010	J**	0.016	0.0094	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-MW-1 (10-12)

Lab Sample ID: 500-198786-2

No Detections.

Client Sample ID: WB-MW-2 (3-5)

Lab Sample ID: 500-198786-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0053	J	0.037	0.0050	mg/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	0.0093	J	0.037	0.0080	mg/Kg	1	✳	8270D	Total/NA
Fluoranthene	0.0093	J	0.037	0.0068	mg/Kg	1	✳	8270D	Total/NA
Pyrene	0.0077	J	0.037	0.0073	mg/Kg	1	✳	8270D	Total/NA

Client Sample ID: WB-MW-2 (8.5-10.5)

Lab Sample ID: 500-198786-4

No Detections.

Client Sample ID: WB-MW-3 (1-3)

Lab Sample ID: 500-198786-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.022		0.015	0.0090	mg/Kg	50	✳	8260B	Total/NA
Acenaphthylene	0.0060	J	0.035	0.0046	mg/Kg	1	✳	8270D	Total/NA
Anthracene	0.012	J	0.035	0.0059	mg/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	0.074		0.035	0.0047	mg/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	0.12		0.035	0.0068	mg/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	0.16		0.035	0.0076	mg/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	0.11		0.035	0.011	mg/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	0.082		0.035	0.010	mg/Kg	1	✳	8270D	Total/NA
Chrysene	0.13		0.035	0.0096	mg/Kg	1	✳	8270D	Total/NA
Dibenz(a,h)anthracene	0.021	J	0.035	0.0068	mg/Kg	1	✳	8270D	Total/NA
Fluoranthene	0.18		0.035	0.0065	mg/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.095		0.035	0.0091	mg/Kg	1	✳	8270D	Total/NA
Naphthalene	0.0074	J	0.035	0.0054	mg/Kg	1	✳	8270D	Total/NA
Phenanthrene	0.082		0.035	0.0049	mg/Kg	1	✳	8270D	Total/NA
Pyrene	0.16		0.035	0.0070	mg/Kg	1	✳	8270D	Total/NA
PCB-1260	0.040		0.018	0.0088	mg/Kg	1	✳	8082A	Total/NA

Client Sample ID: WB-MW-3 (10-12)

Lab Sample ID: 500-198786-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.044	J	0.064	0.021	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-MW-4 (2-4)

Lab Sample ID: 500-198786-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.022	J	0.065	0.022	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-MW-4 (10-12)

Lab Sample ID: 500-198786-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

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

Job ID: 500-198786-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3541	Automated Soxhlet Extraction	SW846	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 - 40443

Job ID: 500-198786-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-198786-1	WB-MW-1 (4-6)	Solid	05/03/21 11:40	05/07/21 10:00	
500-198786-2	WB-MW-1 (10-12)	Solid	05/03/21 11:50	05/07/21 10:00	
500-198786-3	WB-MW-2 (3-5)	Solid	05/03/21 12:40	05/07/21 10:00	
500-198786-4	WB-MW-2 (8.5-10.5)	Solid	05/03/21 12:50	05/07/21 10:00	
500-198786-5	WB-MW-3 (1-3)	Solid	05/03/21 15:00	05/07/21 10:00	
500-198786-6	WB-MW-3 (10-12)	Solid	05/03/21 15:10	05/07/21 10:00	
500-198786-7	WB-MW-4 (2-4)	Solid	05/03/21 13:50	05/07/21 10:00	
500-198786-8	WB-MW-4 (10-12)	Solid	05/03/21 14:00	05/07/21 10:00	



Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (4-6)

Lab Sample ID: 500-198786-1

Date Collected: 05/03/21 11:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030	++	0.064	0.030	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,1,1-Trichloroethane	<0.024		0.064	0.024	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,1,2,2-Tetrachloroethane	<0.026		0.064	0.026	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,1,2-Trichloroethane	<0.023	++	0.064	0.023	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,1-Dichloroethane	<0.026	++	0.064	0.026	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,1-Dichloroethene	<0.025		0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,1-Dichloropropene	<0.019		0.064	0.019	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2,3-Trichlorobenzene	<0.029		0.064	0.029	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2,3-Trichloropropane	<0.027	++	0.13	0.027	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2,4-Trichlorobenzene	<0.022		0.064	0.022	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2,4-Trimethylbenzene	<0.023		0.064	0.023	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2-Dibromo-3-Chloropropane	<0.13	++	0.32	0.13	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2-Dibromoethane	<0.025	++	0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2-Dichlorobenzene	<0.021	++	0.064	0.021	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2-Dichloroethane	<0.025	++	0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,2-Dichloropropane	<0.027	++	0.064	0.027	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,3,5-Trimethylbenzene	<0.024		0.064	0.024	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,3-Dichlorobenzene	<0.026		0.064	0.026	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,3-Dichloropropane	<0.023		0.064	0.023	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
1,4-Dichlorobenzene	<0.023	++	0.064	0.023	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
2,2-Dichloropropane	<0.028		0.064	0.028	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
2-Chlorotoluene	<0.020		0.064	0.020	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
4-Chlorotoluene	<0.022		0.064	0.022	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Benzene	<0.0094	++	0.016	0.0094	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Bromobenzene	<0.023	++	0.064	0.023	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Bromochloromethane	<0.027	++	0.064	0.027	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Bromodichloromethane	<0.024	++	0.064	0.024	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Bromoform	<0.031	++	0.064	0.031	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Bromomethane	<0.051	++	0.19	0.051	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Carbon tetrachloride	<0.025		0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Chlorobenzene	<0.025	++	0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Chloroethane	<0.032	++	0.064	0.032	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Chloroform	<0.024	++	0.13	0.024	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Chloromethane	<0.021		0.064	0.021	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
cis-1,2-Dichloroethene	<0.026	++	0.064	0.026	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
cis-1,3-Dichloropropene	<0.027		0.064	0.027	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Dibromochloromethane	<0.031	++	0.064	0.031	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Dibromomethane	<0.017	++	0.064	0.017	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Hexachlorobutadiene	<0.029		0.064	0.029	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Isopropyl ether	<0.018		0.064	0.018	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Isopropylbenzene	<0.025		0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Methyl tert-butyl ether	<0.025	++	0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Methylene Chloride	<0.10	++	0.32	0.10	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
Naphthalene	0.030	J	0.064	0.021	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
n-Butylbenzene	<0.025		0.064	0.025	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
N-Propylbenzene	<0.027		0.064	0.027	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50
p-Isopropyltoluene	<0.023		0.064	0.023	mg/Kg	✱	05/03/21 11:40	05/12/21 18:29	50

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (4-6)

Lab Sample ID: 500-198786-1

Date Collected: 05/03/21 11:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.064	0.026	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Styrene	<0.025	*+	0.064	0.025	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
tert-Butylbenzene	<0.026		0.064	0.026	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Tetrachloroethene	<0.024		0.064	0.024	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Toluene	0.010	J**	0.016	0.0094	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
trans-1,2-Dichloroethene	<0.022	*+	0.064	0.022	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
trans-1,3-Dichloropropene	<0.023		0.064	0.023	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Trichloroethene	<0.011	*+	0.032	0.011	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Trichlorofluoromethane	<0.027		0.064	0.027	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Vinyl chloride	<0.017		0.064	0.017	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✧	05/03/21 11:40	05/12/21 18:29	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 126				05/03/21 11:40	05/12/21 18:29	50
4-Bromofluorobenzene (Surr)	83		72 - 124				05/03/21 11:40	05/12/21 18:29	50
Dibromofluoromethane (Surr)	85		75 - 120				05/03/21 11:40	05/12/21 18:29	50
Toluene-d8 (Surr)	93		75 - 120				05/03/21 11:40	05/12/21 18:29	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0091		0.075	0.0091	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
2-Methylnaphthalene	<0.0069		0.075	0.0069	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Acenaphthene	<0.0067		0.037	0.0067	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Acenaphthylene	<0.0049		0.037	0.0049	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Anthracene	<0.0062		0.037	0.0062	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Benzo[a]anthracene	<0.0050		0.037	0.0050	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Benzo[a]pyrene	<0.0072		0.037	0.0072	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Benzo[b]fluoranthene	<0.0080		0.037	0.0080	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Chrysene	<0.010		0.037	0.010	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Dibenz(a,h)anthracene	<0.0072		0.037	0.0072	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Fluoranthene	<0.0069		0.037	0.0069	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Fluorene	<0.0052		0.037	0.0052	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Indeno[1,2,3-cd]pyrene	<0.0097		0.037	0.0097	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Naphthalene	<0.0057		0.037	0.0057	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Phenanthrene	<0.0052		0.037	0.0052	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Pyrene	<0.0074		0.037	0.0074	mg/Kg	✧	05/13/21 20:26	05/14/21 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		43 - 145				05/13/21 20:26	05/14/21 13:03	1
Nitrobenzene-d5 (Surr)	101		37 - 147				05/13/21 20:26	05/14/21 13:03	1
Terphenyl-d14 (Surr)	92		42 - 157				05/13/21 20:26	05/14/21 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.019	0.0066	mg/Kg	✧	05/18/21 05:58	05/18/21 15:17	1
PCB-1221	<0.0081		0.019	0.0081	mg/Kg	✧	05/18/21 05:58	05/18/21 15:17	1
PCB-1232	<0.0081		0.019	0.0081	mg/Kg	✧	05/18/21 05:58	05/18/21 15:17	1
PCB-1242	<0.0061		0.019	0.0061	mg/Kg	✧	05/18/21 05:58	05/18/21 15:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (4-6)

Lab Sample ID: 500-198786-1

Date Collected: 05/03/21 11:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0073		0.019	0.0073	mg/Kg	☼	05/18/21 05:58	05/18/21 15:17	1
PCB-1254	<0.0040		0.019	0.0040	mg/Kg	☼	05/18/21 05:58	05/18/21 15:17	1
PCB-1260	<0.0091		0.019	0.0091	mg/Kg	☼	05/18/21 05:58	05/18/21 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	67		49 - 129				05/18/21 05:58	05/18/21 15:17	1
<i>DCB Decachlorobiphenyl</i>	73		37 - 121				05/18/21 05:58	05/18/21 15:17	1

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (10-12)

Lab Sample ID: 500-198786-2

Date Collected: 05/03/21 11:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.032	++	0.070	0.032	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,1,1-Trichloroethane	<0.026		0.070	0.026	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,1,2,2-Tetrachloroethane	<0.028		0.070	0.028	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,1,2-Trichloroethane	<0.025	++	0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,1-Dichloroethane	<0.029	++	0.070	0.029	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,1-Dichloroethene	<0.027		0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,1-Dichloropropene	<0.021		0.070	0.021	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2,3-Trichlorobenzene	<0.032		0.070	0.032	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2,3-Trichloropropane	<0.029	++	0.14	0.029	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2,4-Trichlorobenzene	<0.024		0.070	0.024	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2,4-Trimethylbenzene	<0.025		0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2-Dibromo-3-Chloropropane	<0.14	++ *	0.35	0.14	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2-Dibromoethane	<0.027	++	0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2-Dichlorobenzene	<0.023	++	0.070	0.023	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2-Dichloroethane	<0.027	++	0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,2-Dichloropropane	<0.030	++	0.070	0.030	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,3,5-Trimethylbenzene	<0.026		0.070	0.026	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,3-Dichlorobenzene	<0.028		0.070	0.028	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,3-Dichloropropane	<0.025		0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
1,4-Dichlorobenzene	<0.025	++	0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
2,2-Dichloropropane	<0.031		0.070	0.031	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
2-Chlorotoluene	<0.022		0.070	0.022	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
4-Chlorotoluene	<0.024		0.070	0.024	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Benzene	<0.010	++	0.017	0.010	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Bromobenzene	<0.025	++	0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Bromochloromethane	<0.030	++	0.070	0.030	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Bromodichloromethane	<0.026	++	0.070	0.026	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Bromoform	<0.034	++	0.070	0.034	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Bromomethane	<0.055	++	0.21	0.055	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Carbon tetrachloride	<0.027		0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Chlorobenzene	<0.027	++	0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Chloroethane	<0.035	++	0.070	0.035	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Chloroform	<0.026	++	0.14	0.026	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Chloromethane	<0.022		0.070	0.022	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
cis-1,2-Dichloroethene	<0.028	++	0.070	0.028	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
cis-1,3-Dichloropropene	<0.029		0.070	0.029	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Dibromochloromethane	<0.034	++ *	0.070	0.034	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Dibromomethane	<0.019	++	0.070	0.019	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Dichlorodifluoromethane	<0.047		0.21	0.047	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Ethylbenzene	<0.013		0.017	0.013	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Hexachlorobutadiene	<0.031		0.070	0.031	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Isopropyl ether	<0.019		0.070	0.019	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Isopropylbenzene	<0.027		0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Methyl tert-butyl ether	<0.027	++	0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Methylene Chloride	<0.11	++	0.35	0.11	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Naphthalene	<0.023		0.070	0.023	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
n-Butylbenzene	<0.027		0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
N-Propylbenzene	<0.029		0.070	0.029	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
p-Isopropyltoluene	<0.025		0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (10-12)

Lab Sample ID: 500-198786-2

Date Collected: 05/03/21 11:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.028		0.070	0.028	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Styrene	<0.027	*+	0.070	0.027	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
tert-Butylbenzene	<0.028		0.070	0.028	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Tetrachloroethene	<0.026		0.070	0.026	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Toluene	<0.010	*+	0.017	0.010	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
trans-1,2-Dichloroethene	<0.024	*+	0.070	0.024	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
trans-1,3-Dichloropropene	<0.025		0.070	0.025	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Trichloroethene	<0.011	*+	0.035	0.011	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Trichlorofluoromethane	<0.030		0.070	0.030	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Vinyl chloride	<0.018		0.070	0.018	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50
Xylenes, Total	<0.015		0.035	0.015	mg/Kg	☼	05/03/21 11:50	05/16/21 13:50	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126	05/03/21 11:50	05/16/21 13:50	50
4-Bromofluorobenzene (Surr)	83		72 - 124	05/03/21 11:50	05/16/21 13:50	50
Dibromofluoromethane (Surr)	82		75 - 120	05/03/21 11:50	05/16/21 13:50	50
Toluene-d8 (Surr)	94		75 - 120	05/03/21 11:50	05/16/21 13:50	50

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-2 (3-5)

Lab Sample ID: 500-198786-3

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.9

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	++	0.063	0.029	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,1,1-Trichloroethane	<0.024		0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,1,2,2-Tetrachloroethane	<0.025		0.063	0.025	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,1,2-Trichloroethane	<0.022	++	0.063	0.022	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,1-Dichloroethane	<0.026	++	0.063	0.026	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,1-Dichloroethene	<0.024		0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,1-Dichloropropene	<0.019		0.063	0.019	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2,3-Trichlorobenzene	<0.029		0.063	0.029	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2,3-Trichloropropane	<0.026	++	0.13	0.026	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2,4-Trichlorobenzene	<0.021		0.063	0.021	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2,4-Trimethylbenzene	<0.022		0.063	0.022	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2-Dibromo-3-Chloropropane	<0.12	++	0.31	0.12	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2-Dibromoethane	<0.024	++	0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2-Dichlorobenzene	<0.021	++	0.063	0.021	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2-Dichloroethane	<0.025	++	0.063	0.025	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,2-Dichloropropane	<0.027	++	0.063	0.027	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,3,5-Trimethylbenzene	<0.024		0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,3-Dichlorobenzene	<0.025		0.063	0.025	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,3-Dichloropropane	<0.023		0.063	0.023	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
1,4-Dichlorobenzene	<0.023	++	0.063	0.023	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
2,2-Dichloropropane	<0.028		0.063	0.028	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
2-Chlorotoluene	<0.020		0.063	0.020	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
4-Chlorotoluene	<0.022		0.063	0.022	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Benzene	<0.0092	++	0.016	0.0092	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Bromobenzene	<0.022	++	0.063	0.022	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Bromochloromethane	<0.027	++	0.063	0.027	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Bromodichloromethane	<0.023	++	0.063	0.023	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Bromoform	<0.030	++	0.063	0.030	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Bromomethane	<0.050	++	0.19	0.050	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Carbon tetrachloride	<0.024		0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Chlorobenzene	<0.024	++	0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Chloroethane	<0.032	++	0.063	0.032	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Chloroform	<0.023	++	0.13	0.023	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Chloromethane	<0.020		0.063	0.020	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
cis-1,2-Dichloroethene	<0.026	++	0.063	0.026	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
cis-1,3-Dichloropropene	<0.026		0.063	0.026	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Dibromochloromethane	<0.031	++	0.063	0.031	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Dibromomethane	<0.017	++	0.063	0.017	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Ethylbenzene	<0.011		0.016	0.011	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Hexachlorobutadiene	<0.028		0.063	0.028	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Isopropyl ether	<0.017		0.063	0.017	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Isopropylbenzene	<0.024		0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Methyl tert-butyl ether	<0.025	++	0.063	0.025	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Methylene Chloride	<0.10	++	0.31	0.10	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
Naphthalene	<0.021		0.063	0.021	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
n-Butylbenzene	<0.024		0.063	0.024	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
N-Propylbenzene	<0.026		0.063	0.026	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50
p-Isopropyltoluene	<0.023		0.063	0.023	mg/Kg	✱	05/03/21 12:40	05/14/21 15:17	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-2 (3-5)

Lab Sample ID: 500-198786-3

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Styrene	<0.024	*+	0.063	0.024	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
tert-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Tetrachloroethene	<0.023		0.063	0.023	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Toluene	<0.0092	*+	0.016	0.0092	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
trans-1,2-Dichloroethene	<0.022	*+	0.063	0.022	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
trans-1,3-Dichloropropene	<0.023		0.063	0.023	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Trichloroethene	<0.010	*+	0.031	0.010	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Trichlorofluoromethane	<0.027		0.063	0.027	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Vinyl chloride	<0.016		0.063	0.016	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	05/03/21 12:40	05/14/21 15:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126	05/03/21 12:40	05/14/21 15:17	50
4-Bromofluorobenzene (Surr)	92		72 - 124	05/03/21 12:40	05/14/21 15:17	50
Dibromofluoromethane (Surr)	90		75 - 120	05/03/21 12:40	05/14/21 15:17	50
Toluene-d8 (Surr)	97		75 - 120	05/03/21 12:40	05/14/21 15:17	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0090		0.074	0.0090	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
2-Methylnaphthalene	<0.0068		0.074	0.0068	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Acenaphthene	<0.0066		0.037	0.0066	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Acenaphthylene	<0.0049		0.037	0.0049	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Anthracene	<0.0062		0.037	0.0062	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Benzo[a]anthracene	0.0053	J	0.037	0.0050	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Benzo[a]pyrene	<0.0071		0.037	0.0071	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Benzo[b]fluoranthene	0.0093	J	0.037	0.0080	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Chrysene	<0.010		0.037	0.010	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Dibenz(a,h)anthracene	<0.0071		0.037	0.0071	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Fluoranthene	0.0093	J	0.037	0.0068	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Fluorene	<0.0052		0.037	0.0052	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Indeno[1,2,3-cd]pyrene	<0.0096		0.037	0.0096	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Naphthalene	<0.0057		0.037	0.0057	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Phenanthrene	<0.0051		0.037	0.0051	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1
Pyrene	0.0077	J	0.037	0.0073	mg/Kg	☼	05/13/21 20:26	05/14/21 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		43 - 145	05/13/21 20:26	05/14/21 13:24	1
Nitrobenzene-d5 (Surr)	97		37 - 147	05/13/21 20:26	05/14/21 13:24	1
Terphenyl-d14 (Surr)	88		42 - 157	05/13/21 20:26	05/14/21 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.019	0.0066	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1
PCB-1221	<0.0082		0.019	0.0082	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1
PCB-1232	<0.0081		0.019	0.0081	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1
PCB-1242	<0.0061		0.019	0.0061	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-2 (3-5)

Lab Sample ID: 500-198786-3

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0073		0.019	0.0073	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1
PCB-1254	<0.0040		0.019	0.0040	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1
PCB-1260	<0.0092		0.019	0.0092	mg/Kg	☼	05/18/21 05:58	05/18/21 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		49 - 129				05/18/21 05:58	05/18/21 15:32	1
DCB Decachlorobiphenyl	85		37 - 121				05/18/21 05:58	05/18/21 15:32	1



Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-2 (8.5-10.5)

Lab Sample ID: 500-198786-4

Date Collected: 05/03/21 12:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028	++	0.060	0.028	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,1,1-Trichloroethane	<0.023		0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,1,2,2-Tetrachloroethane	<0.024		0.060	0.024	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,1,2-Trichloroethane	<0.021	++	0.060	0.021	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,1-Dichloroethane	<0.025	++	0.060	0.025	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,1-Dichloroethene	<0.023		0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,1-Dichloropropene	<0.018		0.060	0.018	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2,3-Trichlorobenzene	<0.027		0.060	0.027	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2,3-Trichloropropane	<0.025	++	0.12	0.025	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2,4-Trichlorobenzene	<0.020		0.060	0.020	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2,4-Trimethylbenzene	<0.021		0.060	0.021	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2-Dibromo-3-Chloropropane	<0.12	++	0.30	0.12	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2-Dibromoethane	<0.023	++	0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2-Dichlorobenzene	<0.020	++	0.060	0.020	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2-Dichloroethane	<0.023	++	0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,2-Dichloropropane	<0.026	++	0.060	0.026	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,3,5-Trimethylbenzene	<0.023		0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,3-Dichlorobenzene	<0.024		0.060	0.024	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,3-Dichloropropane	<0.022	++	0.060	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
1,4-Dichlorobenzene	<0.022		0.060	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
2,2-Dichloropropane	<0.027		0.060	0.027	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
2-Chlorotoluene	<0.019		0.060	0.019	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
4-Chlorotoluene	<0.021		0.060	0.021	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Benzene	<0.0087	++	0.015	0.0087	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Bromobenzene	<0.021	++	0.060	0.021	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Bromochloromethane	<0.026	++	0.060	0.026	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Bromodichloromethane	<0.022	++	0.060	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Bromoform	<0.029	++	0.060	0.029	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Bromomethane	<0.048	++	0.18	0.048	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Carbon tetrachloride	<0.023		0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Chlorobenzene	<0.023	++	0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Chloroethane	<0.030	++	0.060	0.030	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Chloroform	<0.022	++	0.12	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Chloromethane	<0.019		0.060	0.019	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
cis-1,2-Dichloroethene	<0.024		0.060	0.024	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
cis-1,3-Dichloropropene	<0.025		0.060	0.025	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Dibromochloromethane	<0.029	++	0.060	0.029	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Dibromomethane	<0.016	++	0.060	0.016	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Dichlorodifluoromethane	<0.040		0.18	0.040	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Hexachlorobutadiene	<0.027		0.060	0.027	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Isopropyl ether	<0.017		0.060	0.017	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Isopropylbenzene	<0.023		0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Methyl tert-butyl ether	<0.024	++	0.060	0.024	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Methylene Chloride	<0.097	++	0.30	0.097	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Naphthalene	<0.020		0.060	0.020	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
n-Butylbenzene	<0.023		0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
N-Propylbenzene	<0.025		0.060	0.025	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
p-Isopropyltoluene	<0.022		0.060	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-2 (8.5-10.5)

Lab Sample ID: 500-198786-4

Date Collected: 05/03/21 12:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Styrene	<0.023	*+	0.060	0.023	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
tert-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Tetrachloroethene	<0.022		0.060	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Toluene	<0.0088		0.015	0.0088	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
trans-1,2-Dichloroethene	<0.021		0.060	0.021	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
trans-1,3-Dichloropropene	<0.022		0.060	0.022	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Trichloroethene	<0.0098	*+	0.030	0.0098	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Trichlorofluoromethane	<0.026		0.060	0.026	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Vinyl chloride	<0.016		0.060	0.016	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	☼	05/03/21 12:50	05/13/21 17:22	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		75 - 126	05/03/21 12:50	05/13/21 17:22	50
4-Bromofluorobenzene (Surr)	92		72 - 124	05/03/21 12:50	05/13/21 17:22	50
Dibromofluoromethane (Surr)	122	S1+	75 - 120	05/03/21 12:50	05/13/21 17:22	50
Toluene-d8 (Surr)	94		75 - 120	05/03/21 12:50	05/13/21 17:22	50

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-3 (1-3)

Lab Sample ID: 500-198786-5

Date Collected: 05/03/21 15:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028	++	0.061	0.028	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,1,2,2-Tetrachloroethane	<0.024		0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,1,2-Trichloroethane	<0.021	++	0.061	0.021	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,1-Dichloroethane	<0.025	++	0.061	0.025	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2,3-Trichloropropane	<0.025	++	0.12	0.025	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2-Dibromo-3-Chloropropane	<0.12	++	0.30	0.12	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2-Dibromoethane	<0.024	++	0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2-Dichlorobenzene	<0.020	++	0.061	0.020	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2-Dichloroethane	<0.024	++	0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,2-Dichloropropane	<0.026	++	0.061	0.026	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,3-Dichlorobenzene	<0.024		0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,3-Dichloropropane	<0.022	++	0.061	0.022	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
2-Chlorotoluene	<0.019		0.061	0.019	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
4-Chlorotoluene	<0.021		0.061	0.021	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Benzene	<0.0089	++	0.015	0.0089	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Bromobenzene	<0.022	++	0.061	0.022	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Bromochloromethane	<0.026	++	0.061	0.026	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Bromodichloromethane	<0.023	++	0.061	0.023	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Bromoform	<0.030	++	0.061	0.030	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Bromomethane	<0.049	++	0.18	0.049	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Carbon tetrachloride	<0.023		0.061	0.023	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Chlorobenzene	<0.024	++	0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Chloroethane	<0.031	++	0.061	0.031	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Chloroform	<0.023	++	0.12	0.023	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Chloromethane	<0.020		0.061	0.020	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
cis-1,3-Dichloropropene	<0.025		0.061	0.025	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Dibromochloromethane	<0.030	++	0.061	0.030	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Dibromomethane	<0.016	++	0.061	0.016	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Isopropylbenzene	<0.023		0.061	0.023	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Methyl tert-butyl ether	<0.024	++	0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Methylene Chloride	<0.099	++	0.30	0.099	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
Naphthalene	<0.020		0.061	0.020	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	☼	05/03/21 15:00	05/13/21 17:49	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-3 (1-3)

Lab Sample ID: 500-198786-5

Date Collected: 05/03/21 15:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Styrene	<0.024	*+	0.061	0.024	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Tetrachloroethene	<0.023		0.061	0.023	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Toluene	0.022		0.015	0.0090	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
trans-1,2-Dichloroethene	<0.021		0.061	0.021	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
trans-1,3-Dichloropropene	<0.022		0.061	0.022	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Trichloroethene	<0.010	*+	0.030	0.010	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	✧	05/03/21 15:00	05/13/21 17:49	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 126				05/03/21 15:00	05/13/21 17:49	50
4-Bromofluorobenzene (Surr)	90		72 - 124				05/03/21 15:00	05/13/21 17:49	50
Dibromofluoromethane (Surr)	111		75 - 120				05/03/21 15:00	05/13/21 17:49	50
Toluene-d8 (Surr)	98		75 - 120				05/03/21 15:00	05/13/21 17:49	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0086		0.071	0.0086	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
2-Methylnaphthalene	<0.0064		0.071	0.0064	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Acenaphthene	<0.0063		0.035	0.0063	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Acenaphthylene	0.0060	J	0.035	0.0046	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Anthracene	0.012	J	0.035	0.0059	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Benzo[a]anthracene	0.074		0.035	0.0047	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Benzo[a]pyrene	0.12		0.035	0.0068	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Benzo[b]fluoranthene	0.16		0.035	0.0076	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Benzo[g,h,i]perylene	0.11		0.035	0.011	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Benzo[k]fluoranthene	0.082		0.035	0.010	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Chrysene	0.13		0.035	0.0096	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Dibenz(a,h)anthracene	0.021	J	0.035	0.0068	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Fluoranthene	0.18		0.035	0.0065	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Fluorene	<0.0049		0.035	0.0049	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Indeno[1,2,3-cd]pyrene	0.095		0.035	0.0091	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Naphthalene	0.0074	J	0.035	0.0054	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Phenanthrene	0.082		0.035	0.0049	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Pyrene	0.16		0.035	0.0070	mg/Kg	✧	05/13/21 20:26	05/15/21 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		43 - 145				05/13/21 20:26	05/15/21 00:52	1
Nitrobenzene-d5 (Surr)	61		37 - 147				05/13/21 20:26	05/15/21 00:52	1
Terphenyl-d14 (Surr)	87		42 - 157				05/13/21 20:26	05/15/21 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0063		0.018	0.0063	mg/Kg	✧	05/19/21 06:21	05/19/21 18:34	1
PCB-1221	<0.0079		0.018	0.0079	mg/Kg	✧	05/19/21 06:21	05/19/21 18:34	1
PCB-1232	<0.0078		0.018	0.0078	mg/Kg	✧	05/19/21 06:21	05/19/21 18:34	1
PCB-1242	<0.0059		0.018	0.0059	mg/Kg	✧	05/19/21 06:21	05/19/21 18:34	1

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Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-3 (1-3)

Lab Sample ID: 500-198786-5

Date Collected: 05/03/21 15:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0070		0.018	0.0070	mg/Kg	☼	05/19/21 06:21	05/19/21 18:34	1
PCB-1254	<0.0039		0.018	0.0039	mg/Kg	☼	05/19/21 06:21	05/19/21 18:34	1
PCB-1260	0.040		0.018	0.0088	mg/Kg	☼	05/19/21 06:21	05/19/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	89		49 - 129	05/19/21 06:21	05/19/21 18:34	1
<i>DCB Decachlorobiphenyl</i>	71		37 - 121	05/19/21 06:21	05/19/21 18:34	1



Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-3 (10-12)

Lab Sample ID: 500-198786-6

Date Collected: 05/03/21 15:10

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.5

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	++	0.064	0.029	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,1,1-Trichloroethane	<0.024		0.064	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,1,2,2-Tetrachloroethane	<0.025		0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,1,2-Trichloroethane	<0.022	++	0.064	0.022	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,1-Dichloroethane	<0.026	++	0.064	0.026	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,1-Dichloroethene	<0.025		0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,1-Dichloropropene	<0.019		0.064	0.019	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2,3-Trichlorobenzene	<0.029		0.064	0.029	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2,3-Trichloropropane	<0.026	++	0.13	0.026	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2,4-Trichlorobenzene	<0.022		0.064	0.022	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2,4-Trimethylbenzene	<0.023		0.064	0.023	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2-Dibromo-3-Chloropropane	<0.13	*- **	0.32	0.13	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2-Dibromoethane	<0.025	++	0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2-Dichlorobenzene	<0.021	++	0.064	0.021	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2-Dichloroethane	<0.025	++	0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,2-Dichloropropane	<0.027	++	0.064	0.027	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,3,5-Trimethylbenzene	<0.024		0.064	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,3-Dichlorobenzene	<0.025		0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,3-Dichloropropane	<0.023	++	0.064	0.023	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
1,4-Dichlorobenzene	<0.023		0.064	0.023	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
2,2-Dichloropropane	<0.028		0.064	0.028	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
2-Chlorotoluene	<0.020		0.064	0.020	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
4-Chlorotoluene	<0.022		0.064	0.022	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Benzene	<0.0093	++	0.016	0.0093	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Bromobenzene	<0.023	++	0.064	0.023	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Bromochloromethane	<0.027	++	0.064	0.027	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Bromodichloromethane	<0.024	++	0.064	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Bromoform	<0.031	++	0.064	0.031	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Bromomethane	<0.051	++	0.19	0.051	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Carbon tetrachloride	<0.024		0.064	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Chlorobenzene	<0.025	++	0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Chloroethane	<0.032	++	0.064	0.032	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Chloroform	<0.024	++	0.13	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Chloromethane	<0.020		0.064	0.020	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
cis-1,2-Dichloroethene	<0.026		0.064	0.026	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
cis-1,3-Dichloropropene	<0.027		0.064	0.027	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Dibromochloromethane	<0.031	++	0.064	0.031	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Dibromomethane	<0.017	++	0.064	0.017	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Dichlorodifluoromethane	<0.043		0.19	0.043	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Hexachlorobutadiene	<0.028		0.064	0.028	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Isopropyl ether	<0.018		0.064	0.018	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Isopropylbenzene	<0.024		0.064	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Methyl tert-butyl ether	<0.025	++	0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Methylene Chloride	<0.10	++	0.32	0.10	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Naphthalene	0.044	J	0.064	0.021	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
n-Butylbenzene	<0.025		0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
N-Propylbenzene	<0.026		0.064	0.026	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
p-Isopropyltoluene	<0.023		0.064	0.023	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50

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Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-3 (10-12)

Lab Sample ID: 500-198786-6

Date Collected: 05/03/21 15:10

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Styrene	<0.025	*+	0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
tert-Butylbenzene	<0.025		0.064	0.025	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Tetrachloroethene	<0.024		0.064	0.024	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Toluene	<0.0094		0.016	0.0094	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
trans-1,2-Dichloroethene	<0.022		0.064	0.022	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
trans-1,3-Dichloropropene	<0.023		0.064	0.023	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Trichloroethene	<0.010	*+	0.032	0.010	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Trichlorofluoromethane	<0.027		0.064	0.027	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Vinyl chloride	<0.017		0.064	0.017	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	☼	05/03/21 15:10	05/13/21 16:10	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126	05/03/21 15:10	05/13/21 16:10	50
4-Bromofluorobenzene (Surr)	85		72 - 124	05/03/21 15:10	05/13/21 16:10	50
Dibromofluoromethane (Surr)	82		75 - 120	05/03/21 15:10	05/13/21 16:10	50
Toluene-d8 (Surr)	95		75 - 120	05/03/21 15:10	05/13/21 16:10	50

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-4 (2-4)

Lab Sample ID: 500-198786-7

Date Collected: 05/03/21 13:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030	++	0.065	0.030	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,1,2-Trichloroethane	<0.023	++	0.065	0.023	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,1-Dichloroethane	<0.027	++	0.065	0.027	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2,3-Trichloropropane	<0.027	++	0.13	0.027	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2-Dibromo-3-Chloropropane	<0.13	++ *	0.32	0.13	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2-Dibromoethane	<0.025	++	0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2-Dichlorobenzene	<0.022	++	0.065	0.022	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2-Dichloroethane	<0.025	++	0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,2-Dichloropropane	<0.028	++	0.065	0.028	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,3-Dichlorobenzene	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,3-Dichloropropane	<0.024	++	0.065	0.024	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
1,4-Dichlorobenzene	<0.024		0.065	0.024	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Benzene	<0.0095	++	0.016	0.0095	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Bromobenzene	<0.023	++	0.065	0.023	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Bromochloromethane	<0.028	++	0.065	0.028	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Bromodichloromethane	<0.024	++	0.065	0.024	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Bromoform	<0.031	++	0.065	0.031	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Bromomethane	<0.052	++	0.19	0.052	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Chlorobenzene	<0.025	++	0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Chloroethane	<0.033	++	0.065	0.033	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Chloroform	<0.024	++	0.13	0.024	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
cis-1,2-Dichloroethene	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Dibromochloromethane	<0.032	++	0.065	0.032	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Dibromomethane	<0.018	++	0.065	0.018	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Dichlorodifluoromethane	<0.044		0.19	0.044	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Methyl tert-butyl ether	<0.026	++	0.065	0.026	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Methylene Chloride	<0.11	++	0.32	0.11	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
Naphthalene	0.022	J	0.065	0.022	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
n-Butylbenzene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50
p-Isopropyltoluene	<0.024		0.065	0.024	mg/Kg	☼	05/03/21 13:50	05/13/21 16:37	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-4 (2-4)

Lab Sample ID: 500-198786-7

Date Collected: 05/03/21 13:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Styrene	<0.025	*+	0.065	0.025	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Tetrachloroethene	<0.024		0.065	0.024	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Toluene	<0.0095		0.016	0.0095	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
trans-1,3-Dichloropropene	<0.024		0.065	0.024	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Trichloroethene	<0.011	*+	0.032	0.011	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50
Xylenes, Total	<0.014		0.032	0.014	mg/Kg	✳	05/03/21 13:50	05/13/21 16:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126	05/03/21 13:50	05/13/21 16:37	50
4-Bromofluorobenzene (Surr)	84		72 - 124	05/03/21 13:50	05/13/21 16:37	50
Dibromofluoromethane (Surr)	84		75 - 120	05/03/21 13:50	05/13/21 16:37	50
Toluene-d8 (Surr)	95		75 - 120	05/03/21 13:50	05/13/21 16:37	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0092		0.076	0.0092	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
2-Methylnaphthalene	<0.0069		0.076	0.0069	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Acenaphthene	<0.0068		0.037	0.0068	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Acenaphthylene	<0.0050		0.037	0.0050	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Anthracene	<0.0063		0.037	0.0063	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Benzo[a]anthracene	<0.0051		0.037	0.0051	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Benzo[a]pyrene	<0.0073		0.037	0.0073	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Benzo[b]fluoranthene	<0.0081		0.037	0.0081	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Benzo[g,h,i]perylene	<0.012		0.037	0.012	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Benzo[k]fluoranthene	<0.011		0.037	0.011	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Chrysene	<0.010		0.037	0.010	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Dibenz(a,h)anthracene	<0.0073		0.037	0.0073	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Fluoranthene	<0.0070		0.037	0.0070	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Fluorene	<0.0053		0.037	0.0053	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Indeno[1,2,3-cd]pyrene	<0.0098		0.037	0.0098	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Naphthalene	<0.0058		0.037	0.0058	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Phenanthrene	<0.0052		0.037	0.0052	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1
Pyrene	<0.0075		0.037	0.0075	mg/Kg	✳	05/13/21 20:26	05/14/21 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		43 - 145	05/13/21 20:26	05/14/21 13:45	1
Nitrobenzene-d5 (Surr)	93		37 - 147	05/13/21 20:26	05/14/21 13:45	1
Terphenyl-d14 (Surr)	88		42 - 157	05/13/21 20:26	05/14/21 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0065		0.018	0.0065	mg/Kg	✳	05/18/21 05:58	05/18/21 16:03	1
PCB-1221	<0.0080		0.018	0.0080	mg/Kg	✳	05/18/21 05:58	05/18/21 16:03	1
PCB-1232	<0.0080		0.018	0.0080	mg/Kg	✳	05/18/21 05:58	05/18/21 16:03	1
PCB-1242	<0.0060		0.018	0.0060	mg/Kg	✳	05/18/21 05:58	05/18/21 16:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-4 (2-4)

Lab Sample ID: 500-198786-7

Date Collected: 05/03/21 13:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0072		0.018	0.0072	mg/Kg	☼	05/18/21 05:58	05/18/21 16:03	1
PCB-1254	<0.0039		0.018	0.0039	mg/Kg	☼	05/18/21 05:58	05/18/21 16:03	1
PCB-1260	<0.0090		0.018	0.0090	mg/Kg	☼	05/18/21 05:58	05/18/21 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	68		49 - 129	05/18/21 05:58	05/18/21 16:03	1
<i>DCB Decachlorobiphenyl</i>	50		37 - 121	05/18/21 05:58	05/18/21 16:03	1



Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-4 (10-12)

Lab Sample ID: 500-198786-8

Date Collected: 05/03/21 14:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.1

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	☼	05/03/21 14:00	05/13/21 17:05	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,1,2-Trichloroethane	<0.023	*+	0.065	0.023	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,1-Dichloroethane	<0.027	*+	0.065	0.027	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2,3-Trichloropropane	<0.027	*+	0.13	0.027	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2-Dibromo-3-Chloropropane	<0.13	*+ *	0.33	0.13	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2-Dibromoethane	<0.025	*+	0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2-Dichlorobenzene	<0.022	*+	0.065	0.022	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2-Dichloroethane	<0.026	*+	0.065	0.026	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,2-Dichloropropane	<0.028	*+	0.065	0.028	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,3-Dichlorobenzene	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,3-Dichloropropane	<0.024	*+	0.065	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
1,4-Dichlorobenzene	<0.024		0.065	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Benzene	<0.0095	*+	0.016	0.0095	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Bromobenzene	<0.023	*+	0.065	0.023	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Bromochloromethane	<0.028	*+	0.065	0.028	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Bromodichloromethane	<0.024	*+	0.065	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Bromoform	<0.032	*+	0.065	0.032	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Bromomethane	<0.052	*+	0.20	0.052	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Chlorobenzene	<0.025	*+	0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Chloroethane	<0.033	*+	0.065	0.033	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Chloroform	<0.024	*+	0.13	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
cis-1,2-Dichloroethene	<0.027		0.065	0.027	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Dibromochloromethane	<0.032	*+	0.065	0.032	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Dibromomethane	<0.018	*+	0.065	0.018	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Methyl tert-butyl ether	<0.026	*+	0.065	0.026	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Methylene Chloride	<0.11	*+	0.33	0.11	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Naphthalene	<0.022		0.065	0.022	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
n-Butylbenzene	<0.025		0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
p-Isopropyltoluene	<0.024		0.065	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-4 (10-12)

Lab Sample ID: 500-198786-8

Date Collected: 05/03/21 14:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Styrene	<0.025	*+	0.065	0.025	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Tetrachloroethene	<0.024		0.065	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Toluene	<0.0096		0.016	0.0096	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
trans-1,3-Dichloropropene	<0.024		0.065	0.024	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Trichloroethene	<0.011	*+	0.033	0.011	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50
Xylenes, Total	<0.014		0.033	0.014	mg/Kg	☼	05/03/21 14:00	05/13/21 17:05	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 126	05/03/21 14:00	05/13/21 17:05	50
4-Bromofluorobenzene (Surr)	84		72 - 124	05/03/21 14:00	05/13/21 17:05	50
Dibromofluoromethane (Surr)	86		75 - 120	05/03/21 14:00	05/13/21 17:05	50
Toluene-d8 (Surr)	95		75 - 120	05/03/21 14:00	05/13/21 17:05	50

Definitions/Glossary

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

Job ID: 500-198786-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Glossary

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

QC Association Summary

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

Job ID: 500-198786-1

GC/MS VOA

Prep Batch: 597570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	5035	
500-198786-2	WB-MW-1 (10-12)	Total/NA	Solid	5035	
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	5035	
LB3 500-597570/19-A	Method Blank	Total/NA	Solid	5035	
LCS 500-597570/20-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 597571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-4	WB-MW-2 (8.5-10.5)	Total/NA	Solid	5035	
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	5035	
500-198786-6	WB-MW-3 (10-12)	Total/NA	Solid	5035	
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	5035	
500-198786-8	WB-MW-4 (10-12)	Total/NA	Solid	5035	
LB3 500-597571/19-A	Method Blank	Total/NA	Solid	5035	
LCS 500-597571/20-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 598232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	8260B	597570
LB3 500-597570/19-A	Method Blank	Total/NA	Solid	8260B	597570
LB3 500-597571/19-A	Method Blank	Total/NA	Solid	8260B	597571
MB 500-598232/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-598232/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 598538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-6	WB-MW-3 (10-12)	Total/NA	Solid	8260B	597571
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	8260B	597571
500-198786-8	WB-MW-4 (10-12)	Total/NA	Solid	8260B	597571
MB 500-598538/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-598538/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 598549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-4	WB-MW-2 (8.5-10.5)	Total/NA	Solid	8260B	597571
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	8260B	597571
MB 500-598549/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-597570/20-A	Lab Control Sample	Total/NA	Solid	8260B	597570
LCS 500-597571/20-A	Lab Control Sample	Total/NA	Solid	8260B	597571
LCS 500-598549/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 598853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	8260B	597570
MB 500-598853/8	Method Blank	Total/NA	Solid	8260B	
LCS 500-598853/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 599078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-2	WB-MW-1 (10-12)	Total/NA	Solid	8260B	597570
MB 500-599078/6	Method Blank	Total/NA	Solid	8260B	

Eurofins TestAmerica, Chicago

QC Association Summary

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

Job ID: 500-198786-1

GC/MS VOA (Continued)

Analysis Batch: 599078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-599078/4	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 598752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	3541	
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	3541	
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	3541	
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	3541	
MB 500-598752/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-598752/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 598863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	8270D	598752
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	8270D	598752
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	8270D	598752
MB 500-598752/1-A	Method Blank	Total/NA	Solid	8270D	598752
LCS 500-598752/2-A	Lab Control Sample	Total/NA	Solid	8270D	598752

Analysis Batch: 598989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	8270D	598752

GC Semi VOA

Prep Batch: 599403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	3541	
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	3541	
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	3541	
MB 500-599403/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599403/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 599554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	8082A	599403
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	8082A	599403
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	8082A	599403
MB 500-599403/1-A	Method Blank	Total/NA	Solid	8082A	599403
LCS 500-599403/2-A	Lab Control Sample	Total/NA	Solid	8082A	599403

Prep Batch: 599633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	3541	
MB 500-599633/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599633/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 599810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	8082A	599633

Eurofins TestAmerica, Chicago

QC Association Summary

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

Job ID: 500-198786-1

GC Semi VOA (Continued)

Analysis Batch: 599810 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-599633/1-A	Method Blank	Total/NA	Solid	8082A	599633
LCS 500-599633/2-A	Lab Control Sample	Total/NA	Solid	8082A	599633

General Chemistry

Analysis Batch: 598923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198786-1	WB-MW-1 (4-6)	Total/NA	Solid	Moisture	
500-198786-2	WB-MW-1 (10-12)	Total/NA	Solid	Moisture	
500-198786-3	WB-MW-2 (3-5)	Total/NA	Solid	Moisture	
500-198786-4	WB-MW-2 (8.5-10.5)	Total/NA	Solid	Moisture	
500-198786-5	WB-MW-3 (1-3)	Total/NA	Solid	Moisture	
500-198786-6	WB-MW-3 (10-12)	Total/NA	Solid	Moisture	
500-198786-7	WB-MW-4 (2-4)	Total/NA	Solid	Moisture	
500-198786-8	WB-MW-4 (10-12)	Total/NA	Solid	Moisture	

Surrogate Summary

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

Job ID: 500-198786-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-198786-1	WB-MW-1 (4-6)	93	83	85	93
500-198786-2	WB-MW-1 (10-12)	94	83	82	94
500-198786-3	WB-MW-2 (3-5)	94	92	90	97
500-198786-4	WB-MW-2 (8.5-10.5)	125	92	122 S1+	94
500-198786-5	WB-MW-3 (1-3)	109	90	111	98
500-198786-6	WB-MW-3 (10-12)	92	85	82	95
500-198786-7	WB-MW-4 (2-4)	94	84	84	95
500-198786-8	WB-MW-4 (10-12)	95	84	86	95
LB3 500-597570/19-A	Method Blank	89	82	81	94
LB3 500-597571/19-A	Method Blank	89	82	80	93
LCS 500-597570/20-A	Lab Control Sample	114	88	113	98
LCS 500-597571/20-A	Lab Control Sample	113	88	111	97
LCS 500-598232/4	Lab Control Sample	94	85	94	94
LCS 500-598538/4	Lab Control Sample	89	84	89	96
LCS 500-598549/4	Lab Control Sample	99	88	101	101
LCS 500-598853/5	Lab Control Sample	90	95	92	100
LCS 500-599078/4	Lab Control Sample	92	83	90	96
MB 500-598232/6	Method Blank	94	83	88	91
MB 500-598538/6	Method Blank	92	85	86	96
MB 500-598549/6	Method Blank	108	92	109	100
MB 500-598853/8	Method Blank	94	98	92	99
MB 500-599078/6	Method Blank	92	84	86	94

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-198786-1	WB-MW-1 (4-6)	90	101	92
500-198786-3	WB-MW-2 (3-5)	84	97	88
500-198786-5	WB-MW-3 (1-3)	84	61	87
500-198786-7	WB-MW-4 (2-4)	79	93	88
LCS 500-598752/2-A	Lab Control Sample	88	106	95
MB 500-598752/1-A	Method Blank	95	105	93

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

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

Job ID: 500-198786-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (49-129)	DCBP2 (37-121)
500-198786-1	WB-MW-1 (4-6)	67	73
500-198786-3	WB-MW-2 (3-5)	73	85
500-198786-7	WB-MW-4 (2-4)	68	50
LCS 500-599403/2-A	Lab Control Sample	83	83
MB 500-599403/1-A	Method Blank	74	70

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
500-198786-5	WB-MW-3 (1-3)	89	71
LCS 500-599633/2-A	Lab Control Sample	88	91
MB 500-599633/1-A	Method Blank	80	97

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LB3 500-597570/19-A
Matrix: Solid
Analysis Batch: 598232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597570

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Bromoform	<0.024		0.050	0.024	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Chloroform	<0.019		0.10	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LB3 500-597570/19-A
Matrix: Solid
Analysis Batch: 598232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597570

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Styrene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		05/07/21 21:00	05/12/21 14:50	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		05/07/21 21:00	05/12/21 14:50	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 126	05/07/21 21:00	05/12/21 14:50	50
4-Bromofluorobenzene (Surr)	82		72 - 124	05/07/21 21:00	05/12/21 14:50	50
Dibromofluoromethane (Surr)	81		75 - 120	05/07/21 21:00	05/12/21 14:50	50
Toluene-d8 (Surr)	94		75 - 120	05/07/21 21:00	05/12/21 14:50	50

Lab Sample ID: LCS 500-597570/20-A
Matrix: Solid
Analysis Batch: 598549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597570

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1,2-Tetrachloroethane	2.50	3.54	*+	mg/Kg		142	70 - 125
1,1,1-Trichloroethane	2.50	2.96		mg/Kg		118	70 - 125
1,1,1,2,2-Tetrachloroethane	2.50	3.20		mg/Kg		128	62 - 140
1,1,1,2-Trichloroethane	2.50	3.63	*+	mg/Kg		145	71 - 130
1,1,1-Dichloroethane	2.50	3.25	*+	mg/Kg		130	70 - 125
1,1-Dichloroethene	2.50	2.85		mg/Kg		114	67 - 122
1,1-Dichloropropene	2.50	2.73		mg/Kg		109	70 - 121
1,2,3-Trichlorobenzene	2.50	3.19		mg/Kg		127	51 - 145
1,2,3-Trichloropropane	2.50	3.66	*+	mg/Kg		146	50 - 133
1,2,4-Trichlorobenzene	2.50	2.73		mg/Kg		109	57 - 137
1,2,4-Trimethylbenzene	2.50	2.88		mg/Kg		115	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	3.21	*+	mg/Kg		129	56 - 123
1,2-Dibromoethane	2.50	3.42	*+	mg/Kg		137	70 - 125
1,2-Dichlorobenzene	2.50	3.29	*+	mg/Kg		131	70 - 125
1,2-Dichloroethane	2.50	3.71	*+	mg/Kg		149	68 - 127
1,2-Dichloropropane	2.50	3.30	*+	mg/Kg		132	67 - 130
1,3,5-Trimethylbenzene	2.50	2.86		mg/Kg		114	70 - 123
1,3-Dichlorobenzene	2.50	3.08		mg/Kg		123	70 - 125
1,3-Dichloropropane	2.50	3.34		mg/Kg		134	62 - 136
1,4-Dichlorobenzene	2.50	3.11	*+	mg/Kg		125	70 - 120
2,2-Dichloropropane	2.50	2.41		mg/Kg		96	58 - 139
2-Chlorotoluene	2.50	2.87		mg/Kg		115	70 - 125
4-Chlorotoluene	2.50	2.86		mg/Kg		114	68 - 124
Benzene	2.50	3.23	*+	mg/Kg		129	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-597570/20-A
Matrix: Solid
Analysis Batch: 598549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597570

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	3.23	*+	mg/Kg		129	70 - 122
Bromochloromethane	2.50	3.76	*+	mg/Kg		151	65 - 122
Bromodichloromethane	2.50	3.28	*+	mg/Kg		131	69 - 120
Bromoform	2.50	3.64	*+	mg/Kg		145	56 - 132
Bromomethane	2.50	4.27	*+	mg/Kg		171	40 - 152
Carbon tetrachloride	2.50	2.92		mg/Kg		117	59 - 133
Chlorobenzene	2.50	3.21	*+	mg/Kg		128	70 - 120
Chloroethane	2.50	4.54	*+	mg/Kg		182	48 - 136
Chloroform	2.50	3.31	*+	mg/Kg		132	70 - 120
Chloromethane	2.50	2.47		mg/Kg		99	56 - 152
cis-1,2-Dichloroethene	2.50	3.18	*+	mg/Kg		127	70 - 125
cis-1,3-Dichloropropene	2.50	2.99		mg/Kg		120	64 - 127
Dibromochloromethane	2.50	3.56	*+	mg/Kg		142	68 - 125
Dibromomethane	2.50	3.67	*+	mg/Kg		147	70 - 120
Dichlorodifluoromethane	2.50	1.82		mg/Kg		73	40 - 159
Ethylbenzene	2.50	2.80		mg/Kg		112	70 - 123
Hexachlorobutadiene	2.50	3.05		mg/Kg		122	51 - 150
Isopropylbenzene	2.50	2.68		mg/Kg		107	70 - 126
Methyl tert-butyl ether	2.50	3.18	*+	mg/Kg		127	55 - 123
Methylene Chloride	2.50	3.56	*+	mg/Kg		143	69 - 125
Naphthalene	2.50	3.16		mg/Kg		126	53 - 144
n-Butylbenzene	2.50	2.43		mg/Kg		97	68 - 125
N-Propylbenzene	2.50	2.65		mg/Kg		106	69 - 127
p-Isopropyltoluene	2.50	2.68		mg/Kg		107	70 - 125
sec-Butylbenzene	2.50	2.62		mg/Kg		105	70 - 123
Styrene	2.50	3.16	*+	mg/Kg		126	70 - 120
tert-Butylbenzene	2.50	2.67		mg/Kg		107	70 - 121
Tetrachloroethene	2.50	3.13		mg/Kg		125	70 - 128
Toluene	2.50	3.15	*+	mg/Kg		126	70 - 125
trans-1,2-Dichloroethene	2.50	3.22	*+	mg/Kg		129	70 - 125
trans-1,3-Dichloropropene	2.50	2.80		mg/Kg		112	62 - 128
Trichloroethene	2.50	3.27	*+	mg/Kg		131	70 - 125
Trichlorofluoromethane	2.50	2.90		mg/Kg		116	55 - 128
Vinyl chloride	2.50	2.70		mg/Kg		108	64 - 126
Xylenes, Total	5.00	5.62		mg/Kg		112	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		75 - 126
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	113		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: LB3 500-597571/19-A
Matrix: Solid
Analysis Batch: 598232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597571

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		05/07/21 21:00	05/12/21 15:18	50

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LB3 500-597571/19-A
Matrix: Solid
Analysis Batch: 598232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597571

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Bromoform	<0.024		0.050	0.024	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Chloroform	<0.019		0.10	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LB3 500-597571/19-A
Matrix: Solid
Analysis Batch: 598232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597571

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		05/07/21 21:00	05/12/21 15:18	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		05/07/21 21:00	05/12/21 15:18	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 126	05/07/21 21:00	05/12/21 15:18	50
4-Bromofluorobenzene (Surr)	82		72 - 124	05/07/21 21:00	05/12/21 15:18	50
Dibromofluoromethane (Surr)	80		75 - 120	05/07/21 21:00	05/12/21 15:18	50
Toluene-d8 (Surr)	93		75 - 120	05/07/21 21:00	05/12/21 15:18	50

Lab Sample ID: LCS 500-597571/20-A
Matrix: Solid
Analysis Batch: 598549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1,2-Tetrachloroethane	2.50	3.38	*+	mg/Kg		135	70 - 125
1,1,1-Trichloroethane	2.50	2.89		mg/Kg		116	70 - 125
1,1,1,2-Tetrachloroethane	2.50	3.20		mg/Kg		128	62 - 140
1,1,2-Trichloroethane	2.50	3.68	*+	mg/Kg		147	71 - 130
1,1-Dichloroethane	2.50	3.16	*+	mg/Kg		127	70 - 125
1,1-Dichloroethene	2.50	2.77		mg/Kg		111	67 - 122
1,1-Dichloropropene	2.50	2.72		mg/Kg		109	70 - 121
1,2,3-Trichlorobenzene	2.50	2.88		mg/Kg		115	51 - 145
1,2,3-Trichloropropane	2.50	3.44	*+	mg/Kg		138	50 - 133
1,2,4-Trichlorobenzene	2.50	2.40		mg/Kg		96	57 - 137
1,2,4-Trimethylbenzene	2.50	2.67		mg/Kg		107	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	3.13	*+	mg/Kg		125	56 - 123
1,2-Dibromoethane	2.50	3.55	*+	mg/Kg		142	70 - 125
1,2-Dichlorobenzene	2.50	3.14	*+	mg/Kg		126	70 - 125
1,2-Dichloroethane	2.50	3.68	*+	mg/Kg		147	68 - 127
1,2-Dichloropropane	2.50	3.38	*+	mg/Kg		135	67 - 130
1,3,5-Trimethylbenzene	2.50	2.68		mg/Kg		107	70 - 123
1,3-Dichlorobenzene	2.50	2.92		mg/Kg		117	70 - 125
1,3-Dichloropropane	2.50	3.44	*+	mg/Kg		138	62 - 136
1,4-Dichlorobenzene	2.50	2.97		mg/Kg		119	70 - 120
2,2-Dichloropropane	2.50	2.31		mg/Kg		92	58 - 139
2-Chlorotoluene	2.50	2.71		mg/Kg		108	70 - 125
4-Chlorotoluene	2.50	2.72		mg/Kg		109	68 - 124
Benzene	2.50	3.20	*+	mg/Kg		128	70 - 120
Bromobenzene	2.50	3.17	*+	mg/Kg		127	70 - 122
Bromochloromethane	2.50	3.60	*+	mg/Kg		144	65 - 122

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-597571/20-A
Matrix: Solid
Analysis Batch: 598549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	2.50	3.33	*+	mg/Kg		133	69 - 120
Bromoform	2.50	3.72	*+	mg/Kg		149	56 - 132
Bromomethane	2.50	3.88	*+	mg/Kg		155	40 - 152
Carbon tetrachloride	2.50	2.85		mg/Kg		114	59 - 133
Chlorobenzene	2.50	3.21	*+	mg/Kg		129	70 - 120
Chloroethane	2.50	4.21	*+	mg/Kg		169	48 - 136
Chloroform	2.50	3.24	*+	mg/Kg		130	70 - 120
Chloromethane	2.50	2.34		mg/Kg		93	56 - 152
cis-1,2-Dichloroethene	2.50	3.09		mg/Kg		124	70 - 125
cis-1,3-Dichloropropene	2.50	2.99		mg/Kg		120	64 - 127
Dibromochloromethane	2.50	3.53	*+	mg/Kg		141	68 - 125
Dibromomethane	2.50	3.64	*+	mg/Kg		146	70 - 120
Dichlorodifluoromethane	2.50	1.60		mg/Kg		64	40 - 159
Ethylbenzene	2.50	2.81		mg/Kg		113	70 - 123
Hexachlorobutadiene	2.50	2.49		mg/Kg		100	51 - 150
Isopropylbenzene	2.50	2.61		mg/Kg		104	70 - 126
Methyl tert-butyl ether	2.50	3.15	*+	mg/Kg		126	55 - 123
Methylene Chloride	2.50	3.36	*+	mg/Kg		134	69 - 125
Naphthalene	2.50	3.01		mg/Kg		120	53 - 144
n-Butylbenzene	2.50	2.14		mg/Kg		86	68 - 125
N-Propylbenzene	2.50	2.50		mg/Kg		100	69 - 127
p-Isopropyltoluene	2.50	2.45		mg/Kg		98	70 - 125
sec-Butylbenzene	2.50	2.49		mg/Kg		100	70 - 123
Styrene	2.50	3.10	*+	mg/Kg		124	70 - 120
tert-Butylbenzene	2.50	2.61		mg/Kg		104	70 - 121
Tetrachloroethene	2.50	3.03		mg/Kg		121	70 - 128
Toluene	2.50	3.07		mg/Kg		123	70 - 125
trans-1,2-Dichloroethene	2.50	3.05		mg/Kg		122	70 - 125
trans-1,3-Dichloropropene	2.50	2.92		mg/Kg		117	62 - 128
Trichloroethene	2.50	3.23	*+	mg/Kg		129	70 - 125
Trichlorofluoromethane	2.50	2.79		mg/Kg		112	55 - 128
Vinyl chloride	2.50	2.66		mg/Kg		107	64 - 126
Xylenes, Total	5.00	5.55		mg/Kg		111	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		75 - 126
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	111		75 - 120
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: MB 500-598232/6
Matrix: Solid
Analysis Batch: 598232

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			05/12/21 14:23	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/12/21 14:23	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/12/21 14:23	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598232/6
Matrix: Solid
Analysis Batch: 598232

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/12/21 14:23	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/12/21 14:23	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/12/21 14:23	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/12/21 14:23	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/12/21 14:23	1
1,2,4-Trichlorobenzene	0.000377	J	0.0010	0.00034	mg/Kg			05/12/21 14:23	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/12/21 14:23	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/12/21 14:23	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/12/21 14:23	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/12/21 14:23	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/12/21 14:23	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/12/21 14:23	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/12/21 14:23	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/12/21 14:23	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/12/21 14:23	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/12/21 14:23	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/12/21 14:23	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/12/21 14:23	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/12/21 14:23	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/12/21 14:23	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/12/21 14:23	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/12/21 14:23	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/12/21 14:23	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/12/21 14:23	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/12/21 14:23	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/12/21 14:23	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/12/21 14:23	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/12/21 14:23	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/12/21 14:23	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/12/21 14:23	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/12/21 14:23	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/12/21 14:23	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/12/21 14:23	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/12/21 14:23	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/12/21 14:23	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/12/21 14:23	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/12/21 14:23	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/12/21 14:23	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/12/21 14:23	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/12/21 14:23	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/12/21 14:23	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/12/21 14:23	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/12/21 14:23	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598232/6
Matrix: Solid
Analysis Batch: 598232

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			05/12/21 14:23	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/12/21 14:23	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/12/21 14:23	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/12/21 14:23	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/12/21 14:23	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/12/21 14:23	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/12/21 14:23	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/12/21 14:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		05/12/21 14:23	1
4-Bromofluorobenzene (Surr)	83		72 - 124		05/12/21 14:23	1
Dibromofluoromethane (Surr)	88		75 - 120		05/12/21 14:23	1
Toluene-d8 (Surr)	91		75 - 120		05/12/21 14:23	1

Lab Sample ID: LCS 500-598232/4
Matrix: Solid
Analysis Batch: 598232

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	0.0509		mg/Kg		102	70 - 125
1,1,1-Trichloroethane	0.0500	0.0571		mg/Kg		114	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0427		mg/Kg		85	62 - 140
1,1,2-Trichloroethane	0.0500	0.0521		mg/Kg		104	71 - 130
1,1-Dichloroethane	0.0500	0.0531		mg/Kg		106	70 - 125
1,1-Dichloroethene	0.0500	0.0545		mg/Kg		109	67 - 122
1,1-Dichloropropene	0.0500	0.0555		mg/Kg		111	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0490		mg/Kg		98	51 - 145
1,2,3-Trichloropropane	0.0500	0.0440		mg/Kg		88	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0464		mg/Kg		93	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0515		mg/Kg		103	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0316		mg/Kg		63	56 - 123
1,2-Dibromoethane	0.0500	0.0491		mg/Kg		98	70 - 125
1,2-Dichlorobenzene	0.0500	0.0510		mg/Kg		102	70 - 125
1,2-Dichloroethane	0.0500	0.0574		mg/Kg		115	68 - 127
1,2-Dichloropropane	0.0500	0.0553		mg/Kg		111	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0519		mg/Kg		104	70 - 123
1,3-Dichlorobenzene	0.0500	0.0523		mg/Kg		105	70 - 125
1,3-Dichloropropane	0.0500	0.0515		mg/Kg		103	62 - 136
1,4-Dichlorobenzene	0.0500	0.0518		mg/Kg		104	70 - 120
2,2-Dichloropropane	0.0500	0.0598		mg/Kg		120	58 - 139
2-Chlorotoluene	0.0500	0.0513		mg/Kg		103	70 - 125
4-Chlorotoluene	0.0500	0.0520		mg/Kg		104	68 - 124
Benzene	0.0500	0.0578		mg/Kg		116	70 - 120
Bromobenzene	0.0500	0.0488		mg/Kg		98	70 - 122
Bromochloromethane	0.0500	0.0569		mg/Kg		114	65 - 122
Bromodichloromethane	0.0500	0.0509		mg/Kg		102	69 - 120
Bromoform	0.0500	0.0387		mg/Kg		77	56 - 132

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-598232/4
Matrix: Solid
Analysis Batch: 598232

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	0.0500	0.0688		mg/Kg		138	40 - 152
Carbon tetrachloride	0.0500	0.0527		mg/Kg		105	59 - 133
Chlorobenzene	0.0500	0.0567		mg/Kg		113	70 - 120
Chloroethane	0.0500	0.0630		mg/Kg		126	48 - 136
Chloroform	0.0500	0.0559		mg/Kg		112	70 - 120
Chloromethane	0.0500	0.0530		mg/Kg		106	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0568		mg/Kg		114	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0464		mg/Kg		93	64 - 127
Dibromochloromethane	0.0500	0.0425		mg/Kg		85	68 - 125
Dibromomethane	0.0500	0.0564		mg/Kg		113	70 - 120
Dichlorodifluoromethane	0.0500	0.0557		mg/Kg		111	40 - 159
Ethylbenzene	0.0500	0.0582		mg/Kg		116	70 - 123
Hexachlorobutadiene	0.0500	0.0568		mg/Kg		114	51 - 150
Isopropylbenzene	0.0500	0.0513		mg/Kg		103	70 - 126
Methyl tert-butyl ether	0.0500	0.0561		mg/Kg		112	55 - 123
Methylene Chloride	0.0500	0.0533		mg/Kg		107	69 - 125
Naphthalene	0.0500	0.0442		mg/Kg		88	53 - 144
n-Butylbenzene	0.0500	0.0542		mg/Kg		108	68 - 125
N-Propylbenzene	0.0500	0.0528		mg/Kg		106	69 - 127
p-Isopropyltoluene	0.0500	0.0542		mg/Kg		108	70 - 125
sec-Butylbenzene	0.0500	0.0533		mg/Kg		107	70 - 123
Styrene	0.0500	0.0552		mg/Kg		110	70 - 120
tert-Butylbenzene	0.0500	0.0519		mg/Kg		104	70 - 121
Tetrachloroethene	0.0500	0.0581		mg/Kg		116	70 - 128
Toluene	0.0500	0.0551		mg/Kg		110	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0573		mg/Kg		115	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0435		mg/Kg		87	62 - 128
Trichloroethene	0.0500	0.0579		mg/Kg		116	70 - 125
Trichlorofluoromethane	0.0500	0.0516		mg/Kg		103	55 - 128
Vinyl chloride	0.0500	0.0602		mg/Kg		120	64 - 126
Xylenes, Total	0.100	0.119		mg/Kg		119	70 - 125

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

Lab Sample ID: MB 500-598538/6
Matrix: Solid
Analysis Batch: 598538

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			05/13/21 11:11	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:11	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:11	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/13/21 11:11	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/13/21 11:11	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598538/6
Matrix: Solid
Analysis Batch: 598538

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/13/21 11:11	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/13/21 11:11	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/13/21 11:11	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/13/21 11:11	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:11	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/13/21 11:11	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/13/21 11:11	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/13/21 11:11	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:11	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:11	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:11	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:11	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/13/21 11:11	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/13/21 11:11	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/13/21 11:11	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/13/21 11:11	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:11	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/13/21 11:11	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/13/21 11:11	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/13/21 11:11	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/13/21 11:11	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:11	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/13/21 11:11	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/13/21 11:11	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/13/21 11:11	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/13/21 11:11	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/13/21 11:11	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/13/21 11:11	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/13/21 11:11	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/13/21 11:11	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/13/21 11:11	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/13/21 11:11	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/13/21 11:11	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:11	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
Methylene Chloride	0.00173	J	0.0050	0.0016	mg/Kg			05/13/21 11:11	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/13/21 11:11	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/13/21 11:11	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:11	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:11	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:11	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:11	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/13/21 11:11	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/13/21 11:11	1

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QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598538/6
Matrix: Solid
Analysis Batch: 598538

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			05/13/21 11:11	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:11	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/13/21 11:11	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/13/21 11:11	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/13/21 11:11	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/13/21 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/13/21 11:11	1
4-Bromofluorobenzene (Surr)	85		72 - 124		05/13/21 11:11	1
Dibromofluoromethane (Surr)	86		75 - 120		05/13/21 11:11	1
Toluene-d8 (Surr)	96		75 - 120		05/13/21 11:11	1

Lab Sample ID: LCS 500-598538/4
Matrix: Solid
Analysis Batch: 598538

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	0.0444		mg/Kg		89	70 - 125
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	70 - 125
1,1,1,2,2-Tetrachloroethane	0.0500	0.0373		mg/Kg		75	62 - 140
1,1,1,2-Trichloroethane	0.0500	0.0439		mg/Kg		88	71 - 130
1,1-Dichloroethane	0.0500	0.0416		mg/Kg		83	70 - 125
1,1-Dichloroethene	0.0500	0.0361		mg/Kg		72	67 - 122
1,1-Dichloropropene	0.0500	0.0454		mg/Kg		91	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0437		mg/Kg		87	51 - 145
1,2,3-Trichloropropene	0.0500	0.0366		mg/Kg		73	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0438		mg/Kg		88	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0472		mg/Kg		94	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0273	*	mg/Kg		55	56 - 123
1,2-Dibromoethane	0.0500	0.0417		mg/Kg		83	70 - 125
1,2-Dichlorobenzene	0.0500	0.0446		mg/Kg		89	70 - 125
1,2-Dichloroethane	0.0500	0.0450		mg/Kg		90	68 - 127
1,2-Dichloropropane	0.0500	0.0449		mg/Kg		90	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0472		mg/Kg		94	70 - 123
1,3-Dichlorobenzene	0.0500	0.0474		mg/Kg		95	70 - 125
1,3-Dichloropropane	0.0500	0.0439		mg/Kg		88	62 - 136
1,4-Dichlorobenzene	0.0500	0.0474		mg/Kg		95	70 - 120
2,2-Dichloropropane	0.0500	0.0508		mg/Kg		102	58 - 139
2-Chlorotoluene	0.0500	0.0462		mg/Kg		92	70 - 125
4-Chlorotoluene	0.0500	0.0476		mg/Kg		95	68 - 124
Benzene	0.0500	0.0459		mg/Kg		92	70 - 120
Bromobenzene	0.0500	0.0429		mg/Kg		86	70 - 122
Bromochloromethane	0.0500	0.0441		mg/Kg		88	65 - 122
Bromodichloromethane	0.0500	0.0423		mg/Kg		85	69 - 120
Bromoform	0.0500	0.0340		mg/Kg		68	56 - 132
Bromomethane	0.0500	0.0552		mg/Kg		110	40 - 152
Carbon tetrachloride	0.0500	0.0433		mg/Kg		87	59 - 133

Euofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-598538/4
Matrix: Solid
Analysis Batch: 598538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	0.0500	0.0493		mg/Kg		99	70 - 120
Chloroethane	0.0500	0.0511		mg/Kg		102	48 - 136
Chloroform	0.0500	0.0452		mg/Kg		90	70 - 120
Chloromethane	0.0500	0.0425		mg/Kg		85	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0443		mg/Kg		89	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0398		mg/Kg		80	64 - 127
Dibromochloromethane	0.0500	0.0366		mg/Kg		73	68 - 125
Dibromomethane	0.0500	0.0452		mg/Kg		90	70 - 120
Dichlorodifluoromethane	0.0500	0.0446		mg/Kg		89	40 - 159
Ethylbenzene	0.0500	0.0524		mg/Kg		105	70 - 123
Hexachlorobutadiene	0.0500	0.0520		mg/Kg		104	51 - 150
Isopropylbenzene	0.0500	0.0466		mg/Kg		93	70 - 126
Methyl tert-butyl ether	0.0500	0.0434		mg/Kg		87	55 - 123
Methylene Chloride	0.0500	0.0417		mg/Kg		83	69 - 125
Naphthalene	0.0500	0.0388		mg/Kg		78	53 - 144
n-Butylbenzene	0.0500	0.0518		mg/Kg		104	68 - 125
N-Propylbenzene	0.0500	0.0487		mg/Kg		97	69 - 127
p-Isopropyltoluene	0.0500	0.0507		mg/Kg		101	70 - 125
sec-Butylbenzene	0.0500	0.0490		mg/Kg		98	70 - 123
Styrene	0.0500	0.0492		mg/Kg		98	70 - 120
tert-Butylbenzene	0.0500	0.0468		mg/Kg		94	70 - 121
Tetrachloroethene	0.0500	0.0522		mg/Kg		104	70 - 128
Toluene	0.0500	0.0478		mg/Kg		96	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0429		mg/Kg		86	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0387		mg/Kg		77	62 - 128
Trichloroethene	0.0500	0.0481		mg/Kg		96	70 - 125
Trichlorofluoromethane	0.0500	0.0432		mg/Kg		86	55 - 128
Vinyl chloride	0.0500	0.0496		mg/Kg		99	64 - 126
Xylenes, Total	0.100	0.105		mg/Kg		105	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		75 - 126
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane (Surr)	89		75 - 120
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-598549/6
Matrix: Solid
Analysis Batch: 598549

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			05/13/21 11:07	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:07	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:07	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/13/21 11:07	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/13/21 11:07	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/13/21 11:07	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598549/6
Matrix: Solid
Analysis Batch: 598549

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/13/21 11:07	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/13/21 11:07	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/13/21 11:07	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:07	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/13/21 11:07	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/13/21 11:07	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/13/21 11:07	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:07	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:07	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:07	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:07	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/13/21 11:07	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/13/21 11:07	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/13/21 11:07	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/13/21 11:07	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:07	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/13/21 11:07	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/13/21 11:07	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/13/21 11:07	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/13/21 11:07	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:07	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/13/21 11:07	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/13/21 11:07	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/13/21 11:07	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/13/21 11:07	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/13/21 11:07	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/13/21 11:07	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/13/21 11:07	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/13/21 11:07	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/13/21 11:07	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/13/21 11:07	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/13/21 11:07	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/13/21 11:07	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/13/21 11:07	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/13/21 11:07	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/13/21 11:07	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:07	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:07	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/13/21 11:07	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/13/21 11:07	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/13/21 11:07	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/13/21 11:07	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/13/21 11:07	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/13/21 11:07	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598549/6
Matrix: Solid
Analysis Batch: 598549

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/13/21 11:07	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/13/21 11:07	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/13/21 11:07	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/13/21 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		05/13/21 11:07	1
4-Bromofluorobenzene (Surr)	92		72 - 124		05/13/21 11:07	1
Dibromofluoromethane (Surr)	109		75 - 120		05/13/21 11:07	1
Toluene-d8 (Surr)	100		75 - 120		05/13/21 11:07	1

Lab Sample ID: LCS 500-598549/4
Matrix: Solid
Analysis Batch: 598549

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	0.0540		mg/Kg		108	70 - 125
1,1,1-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
1,1,1,2,2-Tetrachloroethane	0.0500	0.0486		mg/Kg		97	62 - 140
1,1,1,2-Trichloroethane	0.0500	0.0532		mg/Kg		106	71 - 130
1,1-Dichloroethane	0.0500	0.0456		mg/Kg		91	70 - 125
1,1-Dichloroethene	0.0500	0.0396		mg/Kg		79	67 - 122
1,1-Dichloropropene	0.0500	0.0452		mg/Kg		90	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0515		mg/Kg		103	51 - 145
1,2,3-Trichloropropane	0.0500	0.0507		mg/Kg		101	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0502		mg/Kg		100	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0491		mg/Kg		98	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0454		mg/Kg		91	56 - 123
1,2-Dibromoethane	0.0500	0.0525		mg/Kg		105	70 - 125
1,2-Dichlorobenzene	0.0500	0.0528		mg/Kg		106	70 - 125
1,2-Dichloroethane	0.0500	0.0511		mg/Kg		102	68 - 127
1,2-Dichloropropane	0.0500	0.0478		mg/Kg		96	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0493		mg/Kg		99	70 - 123
1,3-Dichlorobenzene	0.0500	0.0528		mg/Kg		106	70 - 125
1,3-Dichloropropane	0.0500	0.0515		mg/Kg		103	62 - 136
1,4-Dichlorobenzene	0.0500	0.0530		mg/Kg		106	70 - 120
2,2-Dichloropropane	0.0500	0.0404		mg/Kg		81	58 - 139
2-Chlorotoluene	0.0500	0.0477		mg/Kg		95	70 - 125
4-Chlorotoluene	0.0500	0.0488		mg/Kg		98	68 - 124
Benzene	0.0500	0.0460		mg/Kg		92	70 - 120
Bromobenzene	0.0500	0.0521		mg/Kg		104	70 - 122
Bromochloromethane	0.0500	0.0505		mg/Kg		101	65 - 122
Bromodichloromethane	0.0500	0.0481		mg/Kg		96	69 - 120
Bromoform	0.0500	0.0554		mg/Kg		111	56 - 132
Bromomethane	0.0500	0.0634		mg/Kg		127	40 - 152
Carbon tetrachloride	0.0500	0.0472		mg/Kg		94	59 - 133
Chlorobenzene	0.0500	0.0532		mg/Kg		106	70 - 120
Chloroethane	0.0500	0.0687	*+	mg/Kg		137	48 - 136

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-598549/4
Matrix: Solid
Analysis Batch: 598549

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.0500	0.0471		mg/Kg		94	70 - 120
Chloromethane	0.0500	0.0453		mg/Kg		91	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0455		mg/Kg		91	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0487		mg/Kg		97	64 - 127
Dibromochloromethane	0.0500	0.0544		mg/Kg		109	68 - 125
Dibromomethane	0.0500	0.0494		mg/Kg		99	70 - 120
Dichlorodifluoromethane	0.0500	0.0529		mg/Kg		106	40 - 159
Ethylbenzene	0.0500	0.0493		mg/Kg		99	70 - 123
Hexachlorobutadiene	0.0500	0.0546		mg/Kg		109	51 - 150
Isopropylbenzene	0.0500	0.0484		mg/Kg		97	70 - 126
Methyl tert-butyl ether	0.0500	0.0419		mg/Kg		84	55 - 123
Methylene Chloride	0.0500	0.0482		mg/Kg		96	69 - 125
Naphthalene	0.0500	0.0471		mg/Kg		94	53 - 144
n-Butylbenzene	0.0500	0.0482		mg/Kg		96	68 - 125
N-Propylbenzene	0.0500	0.0488		mg/Kg		98	69 - 127
p-Isopropyltoluene	0.0500	0.0503		mg/Kg		101	70 - 125
sec-Butylbenzene	0.0500	0.0492		mg/Kg		98	70 - 123
Styrene	0.0500	0.0518		mg/Kg		104	70 - 120
tert-Butylbenzene	0.0500	0.0500		mg/Kg		100	70 - 121
Tetrachloroethene	0.0500	0.0575		mg/Kg		115	70 - 128
Toluene	0.0500	0.0507		mg/Kg		101	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0453		mg/Kg		91	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0474		mg/Kg		95	62 - 128
Trichloroethene	0.0500	0.0518		mg/Kg		104	70 - 125
Trichlorofluoromethane	0.0500	0.0512		mg/Kg		102	55 - 128
Vinyl chloride	0.0500	0.0528		mg/Kg		106	64 - 126
Xylenes, Total	0.100	0.0969		mg/Kg		97	70 - 125

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

Lab Sample ID: MB 500-598853/8
Matrix: Solid
Analysis Batch: 598853

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			05/14/21 12:10	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/14/21 12:10	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/14/21 12:10	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/14/21 12:10	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/14/21 12:10	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/14/21 12:10	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/14/21 12:10	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/14/21 12:10	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598853/8
Matrix: Solid
Analysis Batch: 598853

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/14/21 12:10	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/14/21 12:10	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/14/21 12:10	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/14/21 12:10	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/14/21 12:10	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/14/21 12:10	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/14/21 12:10	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/14/21 12:10	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/14/21 12:10	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/14/21 12:10	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/14/21 12:10	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/14/21 12:10	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/14/21 12:10	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/14/21 12:10	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/14/21 12:10	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/14/21 12:10	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/14/21 12:10	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/14/21 12:10	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/14/21 12:10	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/14/21 12:10	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/14/21 12:10	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/14/21 12:10	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/14/21 12:10	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/14/21 12:10	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/14/21 12:10	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/14/21 12:10	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/14/21 12:10	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/14/21 12:10	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/14/21 12:10	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/14/21 12:10	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/14/21 12:10	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
Methylene Chloride	0.00208	J	0.0050	0.0016	mg/Kg			05/14/21 12:10	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/14/21 12:10	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/14/21 12:10	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/14/21 12:10	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/14/21 12:10	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/14/21 12:10	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/14/21 12:10	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/14/21 12:10	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/14/21 12:10	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/14/21 12:10	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/14/21 12:10	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/14/21 12:10	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/14/21 12:10	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598853/8
Matrix: Solid
Analysis Batch: 598853

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/14/21 12:10	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/14/21 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		05/14/21 12:10	1
4-Bromofluorobenzene (Surr)	98		72 - 124		05/14/21 12:10	1
Dibromofluoromethane (Surr)	92		75 - 120		05/14/21 12:10	1
Toluene-d8 (Surr)	99		75 - 120		05/14/21 12:10	1

Lab Sample ID: LCS 500-598853/5
Matrix: Solid
Analysis Batch: 598853

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	0.0469		mg/Kg		94	70 - 125
1,1,1-Trichloroethane	0.0500	0.0447		mg/Kg		89	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0488		mg/Kg		98	62 - 140
1,1,2-Trichloroethane	0.0500	0.0488		mg/Kg		98	71 - 130
1,1-Dichloroethane	0.0500	0.0477		mg/Kg		95	70 - 125
1,1-Dichloroethene	0.0500	0.0476		mg/Kg		95	67 - 122
1,1-Dichloropropene	0.0500	0.0466		mg/Kg		93	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0418		mg/Kg		84	51 - 145
1,2,3-Trichloropropane	0.0500	0.0477		mg/Kg		95	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0428		mg/Kg		86	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0473		mg/Kg		95	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0318		mg/Kg		64	56 - 123
1,2-Dibromoethane	0.0500	0.0481		mg/Kg		96	70 - 125
1,2-Dichlorobenzene	0.0500	0.0454		mg/Kg		91	70 - 125
1,2-Dichloroethane	0.0500	0.0428		mg/Kg		86	68 - 127
1,2-Dichloropropane	0.0500	0.0497		mg/Kg		99	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0466		mg/Kg		93	70 - 123
1,3-Dichlorobenzene	0.0500	0.0471		mg/Kg		94	70 - 125
1,3-Dichloropropane	0.0500	0.0472		mg/Kg		94	62 - 136
1,4-Dichlorobenzene	0.0500	0.0464		mg/Kg		93	70 - 120
2,2-Dichloropropane	0.0500	0.0452		mg/Kg		90	58 - 139
2-Chlorotoluene	0.0500	0.0471		mg/Kg		94	70 - 125
4-Chlorotoluene	0.0500	0.0477		mg/Kg		95	68 - 124
Benzene	0.0500	0.0476		mg/Kg		95	70 - 120
Bromobenzene	0.0500	0.0486		mg/Kg		97	70 - 122
Bromochloromethane	0.0500	0.0473		mg/Kg		95	65 - 122
Bromodichloromethane	0.0500	0.0431		mg/Kg		86	69 - 120
Bromoform	0.0500	0.0427		mg/Kg		85	56 - 132
Bromomethane	0.0500	0.0471		mg/Kg		94	40 - 152
Carbon tetrachloride	0.0500	0.0432		mg/Kg		86	59 - 133
Chlorobenzene	0.0500	0.0479		mg/Kg		96	70 - 120
Chloroethane	0.0500	0.0452		mg/Kg		90	48 - 136
Chloroform	0.0500	0.0427		mg/Kg		85	70 - 120
Chloromethane	0.0500	0.0383		mg/Kg		77	56 - 152

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-598853/5
Matrix: Solid
Analysis Batch: 598853

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	0.0500	0.0467		mg/Kg		93	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0458		mg/Kg		92	64 - 127
Dibromochloromethane	0.0500	0.0426		mg/Kg		85	68 - 125
Dibromomethane	0.0500	0.0465		mg/Kg		93	70 - 120
Dichlorodifluoromethane	0.0500	0.0364		mg/Kg		73	40 - 159
Ethylbenzene	0.0500	0.0483		mg/Kg		97	70 - 123
Hexachlorobutadiene	0.0500	0.0414		mg/Kg		83	51 - 150
Isopropylbenzene	0.0500	0.0493		mg/Kg		99	70 - 126
Methyl tert-butyl ether	0.0500	0.0402		mg/Kg		80	55 - 123
Methylene Chloride	0.0500	0.0487		mg/Kg		97	69 - 125
Naphthalene	0.0500	0.0386		mg/Kg		77	53 - 144
n-Butylbenzene	0.0500	0.0464		mg/Kg		93	68 - 125
N-Propylbenzene	0.0500	0.0488		mg/Kg		98	69 - 127
p-Isopropyltoluene	0.0500	0.0467		mg/Kg		93	70 - 125
sec-Butylbenzene	0.0500	0.0467		mg/Kg		93	70 - 123
Styrene	0.0500	0.0482		mg/Kg		96	70 - 120
tert-Butylbenzene	0.0500	0.0464		mg/Kg		93	70 - 121
Tetrachloroethene	0.0500	0.0502		mg/Kg		100	70 - 128
Toluene	0.0500	0.0495		mg/Kg		99	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0470		mg/Kg		94	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0431		mg/Kg		86	62 - 128
Trichloroethene	0.0500	0.0490		mg/Kg		98	70 - 125
Trichlorofluoromethane	0.0500	0.0394		mg/Kg		79	55 - 128
Vinyl chloride	0.0500	0.0434		mg/Kg		87	64 - 126
Xylenes, Total	0.100	0.0948		mg/Kg		95	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 126
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	92		75 - 120
Toluene-d8 (Surr)	100		75 - 120

Lab Sample ID: MB 500-599078/6
Matrix: Solid
Analysis Batch: 599078

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			05/16/21 10:40	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/16/21 10:40	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/16/21 10:40	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/16/21 10:40	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/16/21 10:40	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/16/21 10:40	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/16/21 10:40	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/16/21 10:40	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/16/21 10:40	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/16/21 10:40	1

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QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-599078/6
Matrix: Solid
Analysis Batch: 599078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/16/21 10:40	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/16/21 10:40	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/16/21 10:40	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/16/21 10:40	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/16/21 10:40	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/16/21 10:40	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/16/21 10:40	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/16/21 10:40	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/16/21 10:40	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/16/21 10:40	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/16/21 10:40	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/16/21 10:40	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/16/21 10:40	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/16/21 10:40	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/16/21 10:40	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/16/21 10:40	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/16/21 10:40	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/16/21 10:40	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/16/21 10:40	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/16/21 10:40	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/16/21 10:40	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/16/21 10:40	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/16/21 10:40	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/16/21 10:40	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/16/21 10:40	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/16/21 10:40	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/16/21 10:40	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/16/21 10:40	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/16/21 10:40	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/16/21 10:40	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/16/21 10:40	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/16/21 10:40	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/16/21 10:40	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/16/21 10:40	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/16/21 10:40	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/16/21 10:40	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/16/21 10:40	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/16/21 10:40	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/16/21 10:40	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/16/21 10:40	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/16/21 10:40	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/16/21 10:40	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/16/21 10:40	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/16/21 10:40	1

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QC Sample Results

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

Job ID: 500-198786-1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/16/21 10:40	1
4-Bromofluorobenzene (Surr)	84		72 - 124		05/16/21 10:40	1
Dibromofluoromethane (Surr)	86		75 - 120		05/16/21 10:40	1
Toluene-d8 (Surr)	94		75 - 120		05/16/21 10:40	1

Lab Sample ID: LCS 500-599078/4
Matrix: Solid
Analysis Batch: 599078

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	0.0401		mg/Kg		80	70 - 125
1,1,1-Trichloroethane	0.0500	0.0448		mg/Kg		90	70 - 125
1,1,1,2,2-Tetrachloroethane	0.0500	0.0328		mg/Kg		66	62 - 140
1,1,1,2-Trichloroethane	0.0500	0.0392		mg/Kg		78	71 - 130
1,1-Dichloroethane	0.0500	0.0408		mg/Kg		82	70 - 125
1,1-Dichloroethene	0.0500	0.0422		mg/Kg		84	67 - 122
1,1-Dichloropropene	0.0500	0.0445		mg/Kg		89	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0370		mg/Kg		74	51 - 145
1,2,3-Trichloropropane	0.0500	0.0338		mg/Kg		68	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0366		mg/Kg		73	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0408		mg/Kg		82	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0245	*-	mg/Kg		49	56 - 123
1,2-Dibromoethane	0.0500	0.0384		mg/Kg		77	70 - 125
1,2-Dichlorobenzene	0.0500	0.0394		mg/Kg		79	70 - 125
1,2-Dichloroethane	0.0500	0.0432		mg/Kg		86	68 - 127
1,2-Dichloropropane	0.0500	0.0428		mg/Kg		86	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0410		mg/Kg		82	70 - 123
1,3-Dichlorobenzene	0.0500	0.0413		mg/Kg		83	70 - 125
1,3-Dichloropropane	0.0500	0.0402		mg/Kg		80	62 - 136
1,4-Dichlorobenzene	0.0500	0.0407		mg/Kg		81	70 - 120
2,2-Dichloropropane	0.0500	0.0467		mg/Kg		93	58 - 139
2-Chlorotoluene	0.0500	0.0396		mg/Kg		79	70 - 125
4-Chlorotoluene	0.0500	0.0407		mg/Kg		81	68 - 124
Benzene	0.0500	0.0445		mg/Kg		89	70 - 120
Bromobenzene	0.0500	0.0366		mg/Kg		73	70 - 122
Bromochloromethane	0.0500	0.0430		mg/Kg		86	65 - 122
Bromodichloromethane	0.0500	0.0383		mg/Kg		77	69 - 120
Bromoform	0.0500	0.0308		mg/Kg		62	56 - 132
Bromomethane	0.0500	0.0546		mg/Kg		109	40 - 152
Carbon tetrachloride	0.0500	0.0415		mg/Kg		83	59 - 133
Chlorobenzene	0.0500	0.0437		mg/Kg		87	70 - 120
Chloroethane	0.0500	0.0508		mg/Kg		102	48 - 136
Chloroform	0.0500	0.0419		mg/Kg		84	70 - 120
Chloromethane	0.0500	0.0417		mg/Kg		83	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0427		mg/Kg		85	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0363		mg/Kg		73	64 - 127
Dibromochloromethane	0.0500	0.0332	*-	mg/Kg		66	68 - 125
Dibromomethane	0.0500	0.0426		mg/Kg		85	70 - 120
Dichlorodifluoromethane	0.0500	0.0459		mg/Kg		92	40 - 159
Ethylbenzene	0.0500	0.0464		mg/Kg		93	70 - 123
Hexachlorobutadiene	0.0500	0.0441		mg/Kg		88	51 - 150

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: LCS 500-599078/4
Matrix: Solid
Analysis Batch: 599078

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.0500	0.0404		mg/Kg		81	70 - 126
Methyl tert-butyl ether	0.0500	0.0432		mg/Kg		86	55 - 123
Methylene Chloride	0.0500	0.0396		mg/Kg		79	69 - 125
Naphthalene	0.0500	0.0334		mg/Kg		67	53 - 144
n-Butylbenzene	0.0500	0.0443		mg/Kg		89	68 - 125
N-Propylbenzene	0.0500	0.0417		mg/Kg		83	69 - 127
p-Isopropyltoluene	0.0500	0.0440		mg/Kg		88	70 - 125
sec-Butylbenzene	0.0500	0.0425		mg/Kg		85	70 - 123
Styrene	0.0500	0.0441		mg/Kg		88	70 - 120
tert-Butylbenzene	0.0500	0.0408		mg/Kg		82	70 - 121
Tetrachloroethene	0.0500	0.0485		mg/Kg		97	70 - 128
Toluene	0.0500	0.0441		mg/Kg		88	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0440		mg/Kg		88	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0349		mg/Kg		70	62 - 128
Trichloroethene	0.0500	0.0446		mg/Kg		89	70 - 125
Trichlorofluoromethane	0.0500	0.0420		mg/Kg		84	55 - 128
Vinyl chloride	0.0500	0.0484		mg/Kg		97	64 - 126
Xylenes, Total	0.100	0.0943		mg/Kg		94	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		75 - 126
4-Bromofluorobenzene (Surr)	83		72 - 124
Dibromofluoromethane (Surr)	90		75 - 120
Toluene-d8 (Surr)	96		75 - 120

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

Lab Sample ID: MB 500-598752/1-A
Matrix: Solid
Analysis Batch: 598863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Anthracene	<0.0056		0.033	0.0056	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		05/13/21 20:26	05/14/21 10:12	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-598752/1-A
Matrix: Solid
Analysis Batch: 598863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0066		0.033	0.0066	mg/Kg		05/13/21 20:26	05/14/21 10:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	95		43 - 145				05/13/21 20:26	05/14/21 10:12	1
Nitrobenzene-d5 (Surr)	105		37 - 147				05/13/21 20:26	05/14/21 10:12	1
Terphenyl-d14 (Surr)	93		42 - 157				05/13/21 20:26	05/14/21 10:12	1

Lab Sample ID: LCS 500-598752/2-A
Matrix: Solid
Analysis Batch: 598863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	1.33	1.23		mg/Kg		92	68 - 111
2-Methylnaphthalene	1.33	1.23		mg/Kg		92	69 - 112
Acenaphthene	1.33	1.29		mg/Kg		97	65 - 124
Acenaphthylene	1.33	1.24		mg/Kg		93	68 - 120
Anthracene	1.33	1.28		mg/Kg		96	70 - 114
Benzo[a]anthracene	1.33	1.32		mg/Kg		99	67 - 122
Benzo[a]pyrene	1.33	1.41		mg/Kg		106	65 - 133
Benzo[b]fluoranthene	1.33	1.25		mg/Kg		94	69 - 129
Benzo[g,h,i]perylene	1.33	1.29		mg/Kg		96	72 - 131
Benzo[k]fluoranthene	1.33	1.24		mg/Kg		93	68 - 127
Chrysene	1.33	1.33		mg/Kg		99	63 - 120
Dibenz(a,h)anthracene	1.33	1.29		mg/Kg		97	64 - 131
Fluoranthene	1.33	1.34		mg/Kg		101	62 - 120
Fluorene	1.33	1.26		mg/Kg		95	62 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.27		mg/Kg		95	68 - 130
Naphthalene	1.33	1.21		mg/Kg		91	63 - 110
Phenanthrene	1.33	1.26		mg/Kg		95	62 - 120
Pyrene	1.33	1.18		mg/Kg		88	61 - 128
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
2-Fluorobiphenyl (Surr)	88		43 - 145				
Nitrobenzene-d5 (Surr)	106		37 - 147				
Terphenyl-d14 (Surr)	95		42 - 157				

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

Lab Sample ID: MB 500-599403/1-A
Matrix: Solid
Analysis Batch: 599554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		05/18/21 05:58	05/18/21 14:46	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		05/18/21 05:58	05/18/21 14:46	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		05/18/21 05:58	05/18/21 14:46	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		05/18/21 05:58	05/18/21 14:46	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		05/18/21 05:58	05/18/21 14:46	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-198786-1

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

Lab Sample ID: MB 500-599403/1-A
Matrix: Solid
Analysis Batch: 599554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599403

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		05/18/21 05:58	05/18/21 14:46	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		05/18/21 05:58	05/18/21 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		49 - 129				05/18/21 05:58	05/18/21 14:46	1
DCB Decachlorobiphenyl	70		37 - 121				05/18/21 05:58	05/18/21 14:46	1

Lab Sample ID: LCS 500-599403/2-A
Matrix: Solid
Analysis Batch: 599554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599403

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
PCB-1016	0.167	0.150		mg/Kg		90		57 - 120
PCB-1260	0.167	0.158		mg/Kg		95		61 - 125
Surrogate			LCS	LCS			Limits	
Tetrachloro-m-xylene			83				49 - 129	
DCB Decachlorobiphenyl			83				37 - 121	

Lab Sample ID: MB 500-599633/1-A
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599633

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		05/19/21 06:21	05/19/21 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		49 - 129				05/19/21 06:21	05/19/21 18:03	1
DCB Decachlorobiphenyl	97		37 - 121				05/19/21 06:21	05/19/21 18:03	1

Lab Sample ID: LCS 500-599633/2-A
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599633

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
PCB-1016	0.167	0.152		mg/Kg		91		57 - 120
PCB-1260	0.167	0.181		mg/Kg		108		61 - 125
Surrogate			LCS	LCS			Limits	
Tetrachloro-m-xylene			88				49 - 129	
DCB Decachlorobiphenyl			91				37 - 121	

Lab Chronicle

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-1 (4-6)

Date Collected: 05/03/21 11:40

Date Received: 05/07/21 10:00

Lab Sample ID: 500-198786-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-1 (4-6)

Date Collected: 05/03/21 11:40

Date Received: 05/07/21 10:00

Lab Sample ID: 500-198786-1

Matrix: Solid

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597570	05/03/21 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598232	05/12/21 18:29	PMF	TAL CHI
Total/NA	Prep	3541			598752	05/13/21 20:26	JP1	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 13:03	AJD	TAL CHI
Total/NA	Prep	3541			599403	05/18/21 05:58	DAK	TAL CHI
Total/NA	Analysis	8082A		1	599554	05/18/21 15:17	SS	TAL CHI

Client Sample ID: WB-MW-1 (10-12)

Date Collected: 05/03/21 11:50

Date Received: 05/07/21 10:00

Lab Sample ID: 500-198786-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-1 (10-12)

Date Collected: 05/03/21 11:50

Date Received: 05/07/21 10:00

Lab Sample ID: 500-198786-2

Matrix: Solid

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597570	05/03/21 11:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 13:50	PMF	TAL CHI

Client Sample ID: WB-MW-2 (3-5)

Date Collected: 05/03/21 12:40

Date Received: 05/07/21 10:00

Lab Sample ID: 500-198786-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-2 (3-5)

Date Collected: 05/03/21 12:40

Date Received: 05/07/21 10:00

Lab Sample ID: 500-198786-3

Matrix: Solid

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597570	05/03/21 12:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598853	05/14/21 15:17	PMF	TAL CHI
Total/NA	Prep	3541			598752	05/13/21 20:26	JP1	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 13:24	AJD	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-2 (3-5)

Lab Sample ID: 500-198786-3

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			599403	05/18/21 05:58	DAK	TAL CHI
Total/NA	Analysis	8082A		1	599554	05/18/21 15:32	SS	TAL CHI

Client Sample ID: WB-MW-2 (8.5-10.5)

Lab Sample ID: 500-198786-4

Date Collected: 05/03/21 12:50

Matrix: Solid

Date Received: 05/07/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-2 (8.5-10.5)

Lab Sample ID: 500-198786-4

Date Collected: 05/03/21 12:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597571	05/03/21 12:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598549	05/13/21 17:22	PMF	TAL CHI

Client Sample ID: WB-MW-3 (1-3)

Lab Sample ID: 500-198786-5

Date Collected: 05/03/21 15:00

Matrix: Solid

Date Received: 05/07/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-3 (1-3)

Lab Sample ID: 500-198786-5

Date Collected: 05/03/21 15:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597571	05/03/21 15:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598549	05/13/21 17:49	PMF	TAL CHI
Total/NA	Prep	3541			598752	05/13/21 20:26	JP1	TAL CHI
Total/NA	Analysis	8270D		1	598989	05/15/21 00:52	NRJ	TAL CHI
Total/NA	Prep	3541			599633	05/19/21 06:21	DAK	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/19/21 18:34	SS	TAL CHI

Client Sample ID: WB-MW-3 (10-12)

Lab Sample ID: 500-198786-6

Date Collected: 05/03/21 15:10

Matrix: Solid

Date Received: 05/07/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Lab Chronicle

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

Job ID: 500-198786-1

Client Sample ID: WB-MW-3 (10-12)

Lab Sample ID: 500-198786-6

Date Collected: 05/03/21 15:10

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597571	05/03/21 15:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598538	05/13/21 16:10	PMF	TAL CHI

Client Sample ID: WB-MW-4 (2-4)

Lab Sample ID: 500-198786-7

Date Collected: 05/03/21 13:50

Matrix: Solid

Date Received: 05/07/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-4 (2-4)

Lab Sample ID: 500-198786-7

Date Collected: 05/03/21 13:50

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597571	05/03/21 13:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598538	05/13/21 16:37	PMF	TAL CHI
Total/NA	Prep	3541			598752	05/13/21 20:26	JP1	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 13:45	AJD	TAL CHI
Total/NA	Prep	3541			599403	05/18/21 05:58	DAK	TAL CHI
Total/NA	Analysis	8082A		1	599554	05/18/21 16:03	SS	TAL CHI

Client Sample ID: WB-MW-4 (10-12)

Lab Sample ID: 500-198786-8

Date Collected: 05/03/21 14:00

Matrix: Solid

Date Received: 05/07/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598923	05/14/21 11:54	LWN	TAL CHI

Client Sample ID: WB-MW-4 (10-12)

Lab Sample ID: 500-198786-8

Date Collected: 05/03/21 14:00

Matrix: Solid

Date Received: 05/07/21 10:00

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597571	05/03/21 14:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598538	05/13/21 17:05	PMF	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
Project/Site: Community Within the Corridor - 40443

Job ID: 500-198786-1

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

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500-198786

Sample Collector(s) Kyle R. Vander Heiden	500-198786 COC	Title Staff Engineer	Telephone # (incl. area code) (262) 821-1171	Report To Kyle R. Vander Heiden and Dan Pelczar
Property Owner	Community Within the Corridor - West Block	Property Address 3212 W. Center Street, 2727 N. 32nd Street, 2758 N. 33rd Street, Milwaukee	Telephone # (incl. area code) N/A	KSingh Project # 40443

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

Relinquished By (Signature) <i>[Signature]</i>	Date/Time 5/6/21 @ 0910	Laboratory Name TestAmerica	Received By (Signature) <i>[Signature]</i>	Temperature Blank 56 → 54
Relinquished By (Signature) <i>[Signature]</i>	Date/Time 5-6-21 1630	Received By (Signature) <i>[Signature]</i>	5/7/21 1000	If samples were received on ice and there was ice remaining you may report the temperature as "received on ice". If all of the ice was melted the temperature of the melt may be substituted for the temperature blank.

1		Specify groundwater (GW) soil (S) air (A) sludge (SL) surface water (SW), etc																		Sample Condition				
2		Sample description must clearly correlate the sample ID to the sampling location																		# / Type of Container				
Date Collected	Time Collected	Type (1)	Device	Location/Description (2)	8260B - VOC	8270D/8082A - PAH/PCB															40mL MeOH	Unpres 2oz	Unpres 8oz	Other Comment
5/3/2021	11 40	S	DP	WB-MW-1 (4-6)	x	x															1	1	1	
5/3/2021	11 50	S	DP	WB-MW 1 (10-12)	x																1	1		
5/3/2021	12 40	S	DP	WB-MW-2 (3-5)	x	x															1	1	1	
5/3/2021	12 50	S	DP	WB-MW-2 (8 5-10 5)	x																1	1		
5/3/2021	15 00	S	DP	WB-MW-3 (1-3)	x	x															1	1	1	
5/3/2021	15 10	S	DP	WB-MW-3 (10-12)	x																1	1		
5/3/2021	13 50	S	DP	WB-MW-4 (2-4)	x	x															1	1	1	
5/3/2021	14 00	S	DP	WB-MW-4 (10-12)	x																1	1		

8260B - VOC

NOTE(S)

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES		DEPARTMENT USE ONLY	
Disposition of unused portion of sample Laboratory should (check) <input type="checkbox"/> Dispose <input type="checkbox"/> Return <input checked="" type="checkbox"/> Retain for <input type="checkbox"/> Other <input checked="" type="checkbox"/> 30 (days)		Split Samples Offered <input type="checkbox"/> Y <input type="checkbox"/> N Accepted By Accepted <input type="checkbox"/> Y <input type="checkbox"/> N Signature	



Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-198786-1

Login Number: 198786

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

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	5.4
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	



ANALYTICAL REPORT

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

Laboratory Job ID: 500-195567-1

Client Project/Site: Community Within the Corridor - 40420

For:

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

Attn: Mr. Robert Reineke

Jodie Bracken

Authorized for release by:
3/10/2021 1:04:31 PM

Jodie Bracken, Project Management Assistant II
Jodie.Bracken@Eurofinset.com

Designee for

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

LINKS

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results through
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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	10
QC Association	11
Surrogate Summary	13
QC Sample Results	14
Chronicle	27
Certification Summary	28
Chain of Custody	29
Receipt Checklists	30

Case Narrative

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Job ID: 500-195567-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-195567-1

Comments

No additional comments.

Receipt

The samples were received on 3/4/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were -0.6° C and 0.1° C.

GC/MS VOA

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

GC/MS Semi VOA

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-587481 and analytical batch 500-587569 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8082A: The following sample was reported from the primary column due to PCB-1260 and Tetrachloro-m-xylene recovering outside control limits for the continuing calibration verification (CCV) on the secondary column; therefore, the higher of the two results have been reported.
(CCVIS 500-587587/1)

Method 8082A: The following sample(s) contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1242: WB-RTS-1 (500-195567-1).

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following Continuing Calibration Verification (CCVIS) was outside control limits: (CCVIS 500-587587/1). The other surrogate was within limits; therefore, re-analysis was not performed.

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

Metals

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

Organic Prep

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

Detection Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Client Sample ID: WB-RTS-1

Lab Sample ID: 500-195567-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.027		0.017	0.0097	mg/Kg	50	✳	8260B	Total/NA
Trichloroethene	0.019	J	0.033	0.011	mg/Kg	50	✳	8260B	Total/NA
1-Methylnaphthalene	0.018	J	0.079	0.0096	mg/Kg	1	✳	8270D	Total/NA
2-Methylnaphthalene	0.022	J	0.079	0.0072	mg/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	0.021	J	0.039	0.0053	mg/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	0.020	J	0.039	0.0076	mg/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	0.030	J	0.039	0.0085	mg/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	0.015	J F1	0.039	0.013	mg/Kg	1	✳	8270D	Total/NA
Chrysene	0.034	J	0.039	0.011	mg/Kg	1	✳	8270D	Total/NA
Fluoranthene	0.044		0.039	0.0073	mg/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.017	J F1	0.039	0.010	mg/Kg	1	✳	8270D	Total/NA
Naphthalene	0.014	J	0.039	0.0060	mg/Kg	1	✳	8270D	Total/NA
Phenanthrene	0.052		0.039	0.0055	mg/Kg	1	✳	8270D	Total/NA
Pyrene	0.041		0.039	0.0078	mg/Kg	1	✳	8270D	Total/NA
PCB-1242	0.071		0.020	0.0064	mg/Kg	1	✳	8082A	Total/NA
Arsenic	5.5		1.2	0.40	mg/Kg	1	✳	6010B	Total/NA
Barium	69		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.31		0.23	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	15		1.2	0.57	mg/Kg	1	✳	6010B	Total/NA
Lead	14		0.58	0.27	mg/Kg	1	✳	6010B	Total/NA
Silver	0.27	J	0.58	0.15	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.049		0.019	0.0062	mg/Kg	1	✳	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7471A	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471A	Preparation, Mercury	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 - 40420

Job ID: 500-195567-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-195567-1	WB-RTS-1	Solid	03/03/21 14:30	03/04/21 10:00	

1

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Client Sample ID: WB-RTS-1

Lab Sample ID: 500-195567-1

Date Collected: 03/03/21 14:30

Matrix: Solid

Date Received: 03/04/21 10:00

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.031		0.066	0.031	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,1,1-Trichloroethane	<0.025		0.066	0.025	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,1,2,2-Tetrachloroethane	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,1,2-Trichloroethane	<0.023		0.066	0.023	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,1-Dichloroethane	<0.027		0.066	0.027	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,1-Dichloroethene	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,1-Dichloropropene	<0.020		0.066	0.020	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2,3-Trichlorobenzene	<0.030		0.066	0.030	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2,4-Trichlorobenzene	<0.023		0.066	0.023	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2,4-Trimethylbenzene	<0.024		0.066	0.024	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2-Dibromoethane	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2-Dichlorobenzene	<0.022		0.066	0.022	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2-Dichloroethane	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,2-Dichloropropane	<0.028		0.066	0.028	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,3,5-Trimethylbenzene	<0.025		0.066	0.025	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,3-Dichlorobenzene	<0.027		0.066	0.027	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,3-Dichloropropane	<0.024		0.066	0.024	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
1,4-Dichlorobenzene	<0.024		0.066	0.024	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
2,2-Dichloropropane	<0.029		0.066	0.029	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
2-Chlorotoluene	<0.021		0.066	0.021	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
4-Chlorotoluene	<0.023		0.066	0.023	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Benzene	<0.0097		0.017	0.0097	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Bromobenzene	<0.024		0.066	0.024	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Bromochloromethane	<0.028		0.066	0.028	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Bromodichloromethane	<0.025		0.066	0.025	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Bromoform	<0.032		0.066	0.032	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Bromomethane	<0.053		0.20	0.053	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Carbon tetrachloride	<0.025		0.066	0.025	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Chlorobenzene	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Chloroethane	<0.033		0.066	0.033	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Chloroform	<0.025		0.13	0.025	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Chloromethane	<0.021		0.066	0.021	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
cis-1,2-Dichloroethene	<0.027		0.066	0.027	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
cis-1,3-Dichloropropene	<0.028		0.066	0.028	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Dibromochloromethane	<0.032		0.066	0.032	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Dibromomethane	<0.018		0.066	0.018	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Dichlorodifluoromethane	<0.045		0.20	0.045	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Ethylbenzene	<0.012		0.017	0.012	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Hexachlorobutadiene	<0.030		0.066	0.030	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Isopropyl ether	<0.018		0.066	0.018	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Isopropylbenzene	<0.025		0.066	0.025	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Methyl tert-butyl ether	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Methylene Chloride	<0.11		0.33	0.11	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
Naphthalene	<0.022		0.066	0.022	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
n-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
N-Propylbenzene	<0.027		0.066	0.027	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50
p-Isopropyltoluene	<0.024		0.066	0.024	mg/Kg	✱	03/03/21 14:30	03/09/21 16:47	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Client Sample ID: WB-RTS-1

Lab Sample ID: 500-195567-1

Date Collected: 03/03/21 14:30

Matrix: Solid

Date Received: 03/04/21 10:00

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Styrene	<0.026		0.066	0.026	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
tert-Butylbenzene	<0.026		0.066	0.026	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Tetrachloroethene	<0.025		0.066	0.025	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Toluene	0.027		0.017	0.0097	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
trans-1,2-Dichloroethene	<0.023		0.066	0.023	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
trans-1,3-Dichloropropene	<0.024		0.066	0.024	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Trichloroethene	0.019 J		0.033	0.011	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Trichlorofluoromethane	<0.028		0.066	0.028	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Vinyl chloride	<0.017		0.066	0.017	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Xylenes, Total	<0.015		0.033	0.015	mg/Kg	✳	03/03/21 14:30	03/09/21 16:47	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 126				03/03/21 14:30	03/09/21 16:47	50
4-Bromofluorobenzene (Surr)	95		72 - 124				03/03/21 14:30	03/09/21 16:47	50
Dibromofluoromethane (Surr)	94		75 - 120				03/03/21 14:30	03/09/21 16:47	50
Toluene-d8 (Surr)	97		75 - 120				03/03/21 14:30	03/09/21 16:47	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.018 J		0.079	0.0096	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
2-Methylnaphthalene	0.022 J		0.079	0.0072	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Acenaphthene	<0.0071		0.039	0.0071	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Acenaphthylene	<0.0052		0.039	0.0052	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Anthracene	<0.0066		0.039	0.0066	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Benzo[a]anthracene	0.021 J		0.039	0.0053	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Benzo[a]pyrene	0.020 J		0.039	0.0076	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Benzo[b]fluoranthene	0.030 J		0.039	0.0085	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Benzo[g,h,i]perylene	0.015 J F1		0.039	0.013	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Benzo[k]fluoranthene	<0.012		0.039	0.012	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Chrysene	0.034 J		0.039	0.011	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Dibenz(a,h)anthracene	<0.0076		0.039	0.0076	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Fluoranthene	0.044 J		0.039	0.0073	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Fluorene	<0.0055		0.039	0.0055	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Indeno[1,2,3-cd]pyrene	0.017 J F1		0.039	0.010	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Naphthalene	0.014 J		0.039	0.0060	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Phenanthrene	0.052 J		0.039	0.0055	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Pyrene	0.041 J		0.039	0.0078	mg/Kg	✳	03/05/21 16:38	03/08/21 11:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	82		43 - 145				03/05/21 16:38	03/08/21 11:39	1
Nitrobenzene-d5 (Surr)	81		37 - 147				03/05/21 16:38	03/08/21 11:39	1
Terphenyl-d14 (Surr)	83		42 - 157				03/05/21 16:38	03/08/21 11:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.020	0.0069	mg/Kg	✳	03/05/21 17:01	03/08/21 11:19	1
PCB-1221	<0.0086		0.020	0.0086	mg/Kg	✳	03/05/21 17:01	03/08/21 11:19	1
PCB-1232	<0.0085		0.020	0.0085	mg/Kg	✳	03/05/21 17:01	03/08/21 11:19	1
PCB-1242	0.071 J		0.020	0.0064	mg/Kg	✳	03/05/21 17:01	03/08/21 11:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Client Sample ID: WB-RTS-1

Lab Sample ID: 500-195567-1

Date Collected: 03/03/21 14:30

Matrix: Solid

Date Received: 03/04/21 10:00

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0077		0.020	0.0077	mg/Kg	☼	03/05/21 17:01	03/08/21 11:19	1
PCB-1254	<0.0042		0.020	0.0042	mg/Kg	☼	03/05/21 17:01	03/08/21 11:19	1
PCB-1260	<0.0096		0.020	0.0096	mg/Kg	☼	03/05/21 17:01	03/08/21 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		49 - 129				03/05/21 17:01	03/08/21 11:19	1
DCB Decachlorobiphenyl	72		37 - 121				03/05/21 17:01	03/08/21 11:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		1.2	0.40	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1
Barium	69		1.2	0.13	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1
Cadmium	0.31		0.23	0.042	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1
Chromium	15		1.2	0.57	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1
Lead	14		0.58	0.27	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1
Selenium	<0.68		1.2	0.68	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1
Silver	0.27	J	0.58	0.15	mg/Kg	☼	03/05/21 06:41	03/05/21 20:17	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.019	0.0062	mg/Kg	☼	03/09/21 13:20	03/10/21 08:52	1

Definitions/Glossary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
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.

Metals

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

Glossary

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

QC Association Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

GC/MS VOA

Prep Batch: 587361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	5035	
LB3 500-587361/6-A	Method Blank	Total/NA	Solid	5035	
LCS 500-587361/7-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 587741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-587361/6-A	Method Blank	Total/NA	Solid	8260B	587361
MB 500-587741/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-587361/7-A	Lab Control Sample	Total/NA	Solid	8260B	587361
LCS 500-587741/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 587750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	8260B	587361
MB 500-587750/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-587750/5	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 587481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	3541	
MB 500-587481/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-587481/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-195567-1 MS	WB-RTS-1	Total/NA	Solid	3541	
500-195567-1 MSD	WB-RTS-1	Total/NA	Solid	3541	

Analysis Batch: 587569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	8270D	587481
MB 500-587481/1-A	Method Blank	Total/NA	Solid	8270D	587481
LCS 500-587481/2-A	Lab Control Sample	Total/NA	Solid	8270D	587481
500-195567-1 MS	WB-RTS-1	Total/NA	Solid	8270D	587481
500-195567-1 MSD	WB-RTS-1	Total/NA	Solid	8270D	587481

GC Semi VOA

Prep Batch: 587482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	3541	
MB 500-587482/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-587482/3-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 587587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	8082A	587482
MB 500-587482/1-A	Method Blank	Total/NA	Solid	8082A	587482
LCS 500-587482/3-A	Lab Control Sample	Total/NA	Solid	8082A	587482

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QC Association Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Metals

Prep Batch: 587371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	3050B	
MB 500-587371/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-587371/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 587559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	6010B	587371
MB 500-587371/1-A	Method Blank	Total/NA	Solid	6010B	587371
LCS 500-587371/2-A	Lab Control Sample	Total/NA	Solid	6010B	587371

Prep Batch: 587775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	7471A	
MB 500-587775/12-A	Method Blank	Total/NA	Solid	7471A	
LCS 500-587775/13-A	Lab Control Sample	Total/NA	Solid	7471A	

Analysis Batch: 587968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	7471A	587775
MB 500-587775/12-A	Method Blank	Total/NA	Solid	7471A	587775
LCS 500-587775/13-A	Lab Control Sample	Total/NA	Solid	7471A	587775

General Chemistry

Analysis Batch: 587279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-195567-1	WB-RTS-1	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-195567-1	WB-RTS-1	106	95	94	97
LB3 500-587361/6-A	Method Blank	85	106	91	100
LCS 500-587361/7-A	Lab Control Sample	79	101	91	104
LCS 500-587741/5	Lab Control Sample	82	100	92	102
LCS 500-587750/5	Lab Control Sample	100	96	96	100
MB 500-587741/7	Method Blank	84	116	94	104
MB 500-587750/7	Method Blank	103	99	96	97

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-195567-1	WB-RTS-1	82	81	83
500-195567-1 MS	WB-RTS-1	86	91	92
500-195567-1 MSD	WB-RTS-1	88	95	93
LCS 500-587481/2-A	Lab Control Sample	89	93	97
MB 500-587481/1-A	Method Blank	85	84	92

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-129)	DCBP1 (37-121)
500-195567-1	WB-RTS-1	74	72
LCS 500-587482/3-A	Lab Control Sample	71	73
MB 500-587482/1-A	Method Blank	63	62

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: LB3 500-587361/6-A
Matrix: Solid
Analysis Batch: 587741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587361

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Bromoform	<0.024		0.050	0.024	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Chloroform	<0.019		0.10	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: LB3 500-587361/6-A
Matrix: Solid
Analysis Batch: 587741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587361

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Styrene	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		03/04/21 22:20	03/09/21 13:23	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		03/04/21 22:20	03/09/21 13:23	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	85		75 - 126	03/04/21 22:20	03/09/21 13:23	50
4-Bromofluorobenzene (Surr)	106		72 - 124	03/04/21 22:20	03/09/21 13:23	50
Dibromofluoromethane (Surr)	91		75 - 120	03/04/21 22:20	03/09/21 13:23	50
Toluene-d8 (Surr)	100		75 - 120	03/04/21 22:20	03/09/21 13:23	50

Lab Sample ID: LCS 500-587361/7-A
Matrix: Solid
Analysis Batch: 587741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	2.50	2.53		mg/Kg		101	70 - 125
1,1,1,2-Tetrachloroethane	2.50	2.41		mg/Kg		97	62 - 140
1,1,2-Trichloroethane	2.50	2.39		mg/Kg		95	71 - 130
1,1-Dichloroethane	2.50	2.15		mg/Kg		86	70 - 125
1,1-Dichloroethene	2.50	2.19		mg/Kg		88	67 - 122
1,1-Dichloropropene	2.50	2.51		mg/Kg		101	70 - 121
1,2,3-Trichlorobenzene	2.50	2.39		mg/Kg		96	51 - 145
1,2,3-Trichloropropane	2.50	2.33		mg/Kg		93	50 - 133
1,2,4-Trichlorobenzene	2.50	2.53		mg/Kg		101	57 - 137
1,2,4-Trimethylbenzene	2.50	2.58		mg/Kg		103	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	1.85		mg/Kg		74	56 - 123
1,2-Dibromoethane	2.50	2.40		mg/Kg		96	70 - 125
1,2-Dichlorobenzene	2.50	2.45		mg/Kg		98	70 - 125
1,2-Dichloroethane	2.50	2.04		mg/Kg		82	68 - 127
1,2-Dichloropropane	2.50	2.25		mg/Kg		90	67 - 130
1,3,5-Trimethylbenzene	2.50	2.63		mg/Kg		105	70 - 123
1,3-Dichlorobenzene	2.50	2.59		mg/Kg		104	70 - 125
1,3-Dichloropropane	2.50	2.42		mg/Kg		97	62 - 136
1,4-Dichlorobenzene	2.50	2.50		mg/Kg		100	70 - 120
2,2-Dichloropropane	2.50	2.50		mg/Kg		100	58 - 139
2-Chlorotoluene	2.50	2.60		mg/Kg		104	70 - 125
4-Chlorotoluene	2.50	2.53		mg/Kg		101	68 - 124
Benzene	2.50	2.40		mg/Kg		96	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: LCS 500-587361/7-A
Matrix: Solid
Analysis Batch: 587741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.60		mg/Kg		104	70 - 122
Bromochloromethane	2.50	2.44		mg/Kg		97	65 - 122
Bromodichloromethane	2.50	2.26		mg/Kg		90	69 - 120
Bromoform	2.50	2.26		mg/Kg		90	56 - 132
Bromomethane	2.50	1.49		mg/Kg		60	40 - 152
Carbon tetrachloride	2.50	2.27		mg/Kg		91	59 - 133
Chlorobenzene	2.50	2.61		mg/Kg		104	70 - 120
Chloroethane	2.50	1.97		mg/Kg		79	48 - 136
Chloroform	2.50	2.26		mg/Kg		91	70 - 120
Chloromethane	2.50	1.44		mg/Kg		58	56 - 152
cis-1,2-Dichloroethene	2.50	2.41		mg/Kg		96	70 - 125
cis-1,3-Dichloropropene	2.50	2.38		mg/Kg		95	64 - 127
Dibromochloromethane	2.50	2.38		mg/Kg		95	68 - 125
Dibromomethane	2.50	2.26		mg/Kg		90	70 - 120
Dichlorodifluoromethane	2.50	1.20		mg/Kg		48	40 - 159
Ethylbenzene	2.50	2.80		mg/Kg		112	70 - 123
Hexachlorobutadiene	2.50	2.80		mg/Kg		112	51 - 150
Isopropylbenzene	2.50	2.77		mg/Kg		111	70 - 126
Methyl tert-butyl ether	2.50	2.04		mg/Kg		82	55 - 123
Methylene Chloride	2.50	2.20		mg/Kg		88	69 - 125
Naphthalene	2.50	2.23		mg/Kg		89	53 - 144
n-Butylbenzene	2.50	2.67		mg/Kg		107	68 - 125
N-Propylbenzene	2.50	2.67		mg/Kg		107	69 - 127
p-Isopropyltoluene	2.50	2.68		mg/Kg		107	70 - 125
sec-Butylbenzene	2.50	2.71		mg/Kg		109	70 - 123
Styrene	2.50	2.52		mg/Kg		101	70 - 120
tert-Butylbenzene	2.50	2.69		mg/Kg		108	70 - 121
Tetrachloroethene	2.50	2.86		mg/Kg		114	70 - 128
Toluene	2.50	2.63		mg/Kg		105	70 - 125
trans-1,2-Dichloroethene	2.50	2.41		mg/Kg		96	70 - 125
trans-1,3-Dichloropropene	2.50	2.20		mg/Kg		88	62 - 128
Trichloroethene	2.50	2.61		mg/Kg		104	70 - 125
Trichlorofluoromethane	2.50	2.05		mg/Kg		82	55 - 128
Vinyl chloride	2.50	1.73		mg/Kg		69	64 - 126
Xylenes, Total	5.00	4.98		mg/Kg		100	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		75 - 126
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	91		75 - 120
Toluene-d8 (Surr)	104		75 - 120

Lab Sample ID: MB 500-587741/7
Matrix: Solid
Analysis Batch: 587741

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			03/09/21 12:33	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: MB 500-587741/7
Matrix: Solid
Analysis Batch: 587741

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-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 12:33	1
1,1,1,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 12:33	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			03/09/21 12:33	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			03/09/21 12:33	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			03/09/21 12:33	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			03/09/21 12:33	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			03/09/21 12:33	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			03/09/21 12:33	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 12:33	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			03/09/21 12:33	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			03/09/21 12:33	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			03/09/21 12:33	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 12:33	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 12:33	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 12:33	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 12:33	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			03/09/21 12:33	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			03/09/21 12:33	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			03/09/21 12:33	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			03/09/21 12:33	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 12:33	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			03/09/21 12:33	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			03/09/21 12:33	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			03/09/21 12:33	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			03/09/21 12:33	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 12:33	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			03/09/21 12:33	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			03/09/21 12:33	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			03/09/21 12:33	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			03/09/21 12:33	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			03/09/21 12:33	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			03/09/21 12:33	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			03/09/21 12:33	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			03/09/21 12:33	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			03/09/21 12:33	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			03/09/21 12:33	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			03/09/21 12:33	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 12:33	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			03/09/21 12:33	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			03/09/21 12:33	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			03/09/21 12:33	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 12:33	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 12:33	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: MB 500-587741/7
Matrix: Solid
Analysis Batch: 587741

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 12:33	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 12:33	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			03/09/21 12:33	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			03/09/21 12:33	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			03/09/21 12:33	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 12:33	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			03/09/21 12:33	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			03/09/21 12:33	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			03/09/21 12:33	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			03/09/21 12:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		75 - 126		03/09/21 12:33	1
4-Bromofluorobenzene (Surr)	116		72 - 124		03/09/21 12:33	1
Dibromofluoromethane (Surr)	94		75 - 120		03/09/21 12:33	1
Toluene-d8 (Surr)	104		75 - 120		03/09/21 12:33	1

Lab Sample ID: LCS 500-587741/5
Matrix: Solid
Analysis Batch: 587741

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	0.0498		mg/Kg		100	70 - 125
1,1,1-Trichloroethane	0.0500	0.0514		mg/Kg		103	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0463		mg/Kg		93	62 - 140
1,1,2-Trichloroethane	0.0500	0.0462		mg/Kg		92	71 - 130
1,1-Dichloroethane	0.0500	0.0428		mg/Kg		86	70 - 125
1,1-Dichloroethene	0.0500	0.0467		mg/Kg		93	67 - 122
1,1-Dichloropropene	0.0500	0.0492		mg/Kg		98	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0407		mg/Kg		81	51 - 145
1,2,3-Trichloropropane	0.0500	0.0446		mg/Kg		89	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0439		mg/Kg		88	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0491		mg/Kg		98	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0361		mg/Kg		72	56 - 123
1,2-Dibromoethane	0.0500	0.0461		mg/Kg		92	70 - 125
1,2-Dichlorobenzene	0.0500	0.0478		mg/Kg		96	70 - 125
1,2-Dichloroethane	0.0500	0.0410		mg/Kg		82	68 - 127
1,2-Dichloropropane	0.0500	0.0439		mg/Kg		88	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0499		mg/Kg		100	70 - 123
1,3-Dichlorobenzene	0.0500	0.0499		mg/Kg		100	70 - 125
1,3-Dichloropropane	0.0500	0.0461		mg/Kg		92	62 - 136
1,4-Dichlorobenzene	0.0500	0.0479		mg/Kg		96	70 - 120
2,2-Dichloropropane	0.0500	0.0548		mg/Kg		110	58 - 139
2-Chlorotoluene	0.0500	0.0496		mg/Kg		99	70 - 125
4-Chlorotoluene	0.0500	0.0473		mg/Kg		95	68 - 124
Benzene	0.0500	0.0471		mg/Kg		94	70 - 120
Bromobenzene	0.0500	0.0491		mg/Kg		98	70 - 122
Bromochloromethane	0.0500	0.0501		mg/Kg		100	65 - 122

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: LCS 500-587741/5
Matrix: Solid
Analysis Batch: 587741

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	0.0500	0.0459		mg/Kg		92	69 - 120
Bromoform	0.0500	0.0471		mg/Kg		94	56 - 132
Bromomethane	0.0500	0.0549		mg/Kg		110	40 - 152
Carbon tetrachloride	0.0500	0.0469		mg/Kg		94	59 - 133
Chlorobenzene	0.0500	0.0503		mg/Kg		101	70 - 120
Chloroethane	0.0500	0.0465		mg/Kg		93	48 - 136
Chloroform	0.0500	0.0448		mg/Kg		90	70 - 120
Chloromethane	0.0500	0.0388		mg/Kg		78	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0478		mg/Kg		96	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0466		mg/Kg		93	64 - 127
Dibromochloromethane	0.0500	0.0481		mg/Kg		96	68 - 125
Dibromomethane	0.0500	0.0450		mg/Kg		90	70 - 120
Dichlorodifluoromethane	0.0500	0.0471		mg/Kg		94	40 - 159
Ethylbenzene	0.0500	0.0529		mg/Kg		106	70 - 123
Hexachlorobutadiene	0.0500	0.0489		mg/Kg		98	51 - 150
Isopropylbenzene	0.0500	0.0528		mg/Kg		106	70 - 126
Methyl tert-butyl ether	0.0500	0.0412		mg/Kg		82	55 - 123
Methylene Chloride	0.0500	0.0453		mg/Kg		91	69 - 125
Naphthalene	0.0500	0.0388		mg/Kg		78	53 - 144
n-Butylbenzene	0.0500	0.0498		mg/Kg		100	68 - 125
N-Propylbenzene	0.0500	0.0502		mg/Kg		100	69 - 127
p-Isopropyltoluene	0.0500	0.0509		mg/Kg		102	70 - 125
sec-Butylbenzene	0.0500	0.0516		mg/Kg		103	70 - 123
Styrene	0.0500	0.0484		mg/Kg		97	70 - 120
tert-Butylbenzene	0.0500	0.0511		mg/Kg		102	70 - 121
Tetrachloroethene	0.0500	0.0549		mg/Kg		110	70 - 128
Toluene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0428		mg/Kg		86	62 - 128
Trichloroethene	0.0500	0.0511		mg/Kg		102	70 - 125
Trichlorofluoromethane	0.0500	0.0459		mg/Kg		92	55 - 128
Vinyl chloride	0.0500	0.0448		mg/Kg		90	64 - 126
Xylenes, Total	0.100	0.0956		mg/Kg		96	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		75 - 126
4-Bromofluorobenzene (Surr)	100		72 - 124
Dibromofluoromethane (Surr)	92		75 - 120
Toluene-d8 (Surr)	102		75 - 120

Lab Sample ID: MB 500-587750/7
Matrix: Solid
Analysis Batch: 587750

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			03/09/21 11:50	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 11:50	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 11:50	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: MB 500-587750/7
Matrix: Solid
Analysis Batch: 587750

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			03/09/21 11:50	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			03/09/21 11:50	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			03/09/21 11:50	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			03/09/21 11:50	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			03/09/21 11:50	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			03/09/21 11:50	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 11:50	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			03/09/21 11:50	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			03/09/21 11:50	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			03/09/21 11:50	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 11:50	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 11:50	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 11:50	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 11:50	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			03/09/21 11:50	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			03/09/21 11:50	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			03/09/21 11:50	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			03/09/21 11:50	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 11:50	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			03/09/21 11:50	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			03/09/21 11:50	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			03/09/21 11:50	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			03/09/21 11:50	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 11:50	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			03/09/21 11:50	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			03/09/21 11:50	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			03/09/21 11:50	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			03/09/21 11:50	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			03/09/21 11:50	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			03/09/21 11:50	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			03/09/21 11:50	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			03/09/21 11:50	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			03/09/21 11:50	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			03/09/21 11:50	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			03/09/21 11:50	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			03/09/21 11:50	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			03/09/21 11:50	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			03/09/21 11:50	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			03/09/21 11:50	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 11:50	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 11:50	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			03/09/21 11:50	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			03/09/21 11:50	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: MB 500-587750/7
Matrix: Solid
Analysis Batch: 587750

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			03/09/21 11:50	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			03/09/21 11:50	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			03/09/21 11:50	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			03/09/21 11:50	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			03/09/21 11:50	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			03/09/21 11:50	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			03/09/21 11:50	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			03/09/21 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		03/09/21 11:50	1
4-Bromofluorobenzene (Surr)	99		72 - 124		03/09/21 11:50	1
Dibromofluoromethane (Surr)	96		75 - 120		03/09/21 11:50	1
Toluene-d8 (Surr)	97		75 - 120		03/09/21 11:50	1

Lab Sample ID: LCS 500-587750/5
Matrix: Solid
Analysis Batch: 587750

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	0.0480		mg/Kg		96	70 - 125
1,1,1-Trichloroethane	0.0500	0.0483		mg/Kg		97	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0474		mg/Kg		95	62 - 140
1,1,2-Trichloroethane	0.0500	0.0487		mg/Kg		97	71 - 130
1,1-Dichloroethane	0.0500	0.0503		mg/Kg		101	70 - 125
1,1-Dichloroethene	0.0500	0.0486		mg/Kg		97	67 - 122
1,1-Dichloropropene	0.0500	0.0474		mg/Kg		95	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0507		mg/Kg		101	51 - 145
1,2,3-Trichloropropane	0.0500	0.0478		mg/Kg		96	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0492		mg/Kg		98	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0475		mg/Kg		95	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0367		mg/Kg		73	56 - 123
1,2-Dibromoethane	0.0500	0.0480		mg/Kg		96	70 - 125
1,2-Dichlorobenzene	0.0500	0.0456		mg/Kg		91	70 - 125
1,2-Dichloroethane	0.0500	0.0479		mg/Kg		96	68 - 127
1,2-Dichloropropane	0.0500	0.0504		mg/Kg		101	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0475		mg/Kg		95	70 - 123
1,3-Dichlorobenzene	0.0500	0.0472		mg/Kg		94	70 - 125
1,3-Dichloropropane	0.0500	0.0472		mg/Kg		94	62 - 136
1,4-Dichlorobenzene	0.0500	0.0465		mg/Kg		93	70 - 120
2,2-Dichloropropane	0.0500	0.0500		mg/Kg		100	58 - 139
2-Chlorotoluene	0.0500	0.0480		mg/Kg		96	70 - 125
4-Chlorotoluene	0.0500	0.0480		mg/Kg		96	68 - 124
Benzene	0.0500	0.0483		mg/Kg		97	70 - 120
Bromobenzene	0.0500	0.0482		mg/Kg		96	70 - 122
Bromochloromethane	0.0500	0.0468		mg/Kg		94	65 - 122
Bromodichloromethane	0.0500	0.0447		mg/Kg		89	69 - 120
Bromoform	0.0500	0.0433		mg/Kg		87	56 - 132

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: LCS 500-587750/5
Matrix: Solid
Analysis Batch: 587750

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	0.0500	0.0561		mg/Kg		112	40 - 152
Carbon tetrachloride	0.0500	0.0477		mg/Kg		95	59 - 133
Chlorobenzene	0.0500	0.0485		mg/Kg		97	70 - 120
Chloroethane	0.0500	0.0521		mg/Kg		104	48 - 136
Chloroform	0.0500	0.0447		mg/Kg		89	70 - 120
Chloromethane	0.0500	0.0520		mg/Kg		104	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0480		mg/Kg		96	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0459		mg/Kg		92	64 - 127
Dibromochloromethane	0.0500	0.0434		mg/Kg		87	68 - 125
Dibromomethane	0.0500	0.0479		mg/Kg		96	70 - 120
Dichlorodifluoromethane	0.0500	0.0554		mg/Kg		111	40 - 159
Ethylbenzene	0.0500	0.0489		mg/Kg		98	70 - 123
Hexachlorobutadiene	0.0500	0.0463		mg/Kg		93	51 - 150
Isopropylbenzene	0.0500	0.0492		mg/Kg		98	70 - 126
Methyl tert-butyl ether	0.0500	0.0431		mg/Kg		86	55 - 123
Methylene Chloride	0.0500	0.0475		mg/Kg		95	69 - 125
Naphthalene	0.0500	0.0456		mg/Kg		91	53 - 144
n-Butylbenzene	0.0500	0.0486		mg/Kg		97	68 - 125
N-Propylbenzene	0.0500	0.0489		mg/Kg		98	69 - 127
p-Isopropyltoluene	0.0500	0.0482		mg/Kg		96	70 - 125
sec-Butylbenzene	0.0500	0.0478		mg/Kg		96	70 - 123
Styrene	0.0500	0.0489		mg/Kg		98	70 - 120
tert-Butylbenzene	0.0500	0.0472		mg/Kg		94	70 - 121
Tetrachloroethene	0.0500	0.0494		mg/Kg		99	70 - 128
Toluene	0.0500	0.0497		mg/Kg		99	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0481		mg/Kg		96	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0441		mg/Kg		88	62 - 128
Trichloroethene	0.0500	0.0488		mg/Kg		98	70 - 125
Trichlorofluoromethane	0.0500	0.0464		mg/Kg		93	55 - 128
Vinyl chloride	0.0500	0.0561		mg/Kg		112	64 - 126
Xylenes, Total	0.100	0.0968		mg/Kg		97	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
Toluene-d8 (Surr)	100		75 - 120

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

Lab Sample ID: MB 500-587481/1-A
Matrix: Solid
Analysis Batch: 587569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		03/05/21 16:38	03/08/21 11:13	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: MB 500-587481/1-A
Matrix: Solid
Analysis Batch: 587569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587481

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Anthracene	<0.0056		0.033	0.0056	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		03/05/21 16:38	03/08/21 11:13	1
Pyrene	<0.0066		0.033	0.0066	mg/Kg		03/05/21 16:38	03/08/21 11:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	85		43 - 145	03/05/21 16:38	03/08/21 11:13	1
Nitrobenzene-d5 (Surr)	84		37 - 147	03/05/21 16:38	03/08/21 11:13	1
Terphenyl-d14 (Surr)	92		42 - 157	03/05/21 16:38	03/08/21 11:13	1

Lab Sample ID: LCS 500-587481/2-A
Matrix: Solid
Analysis Batch: 587569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2-Methylnaphthalene	1.33	1.14		mg/Kg		85	69 - 112
Acenaphthene	1.33	1.17		mg/Kg		88	65 - 124
Acenaphthylene	1.33	1.17		mg/Kg		88	68 - 120
Anthracene	1.33	1.15		mg/Kg		86	70 - 114
Benzo[a]anthracene	1.33	1.19		mg/Kg		89	67 - 122
Benzo[a]pyrene	1.33	1.24		mg/Kg		93	65 - 133
Benzo[b]fluoranthene	1.33	1.21		mg/Kg		91	69 - 129
Benzo[g,h,i]perylene	1.33	1.21		mg/Kg		90	72 - 131
Benzo[k]fluoranthene	1.33	1.23		mg/Kg		92	68 - 127
Chrysene	1.33	1.24		mg/Kg		93	63 - 120
Dibenz(a,h)anthracene	1.33	1.27		mg/Kg		95	64 - 131
Fluoranthene	1.33	1.21		mg/Kg		91	62 - 120
Fluorene	1.33	1.13		mg/Kg		85	62 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.23		mg/Kg		92	68 - 130
Naphthalene	1.33	1.14		mg/Kg		86	63 - 110
Phenanthrene	1.33	1.15		mg/Kg		86	62 - 120
Pyrene	1.33	1.22		mg/Kg		92	61 - 128

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	89		43 - 145
Nitrobenzene-d5 (Surr)	93		37 - 147
Terphenyl-d14 (Surr)	97		42 - 157

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: 500-195567-1 MS

Matrix: Solid

Analysis Batch: 587569

Client Sample ID: WB-RTS-1

Prep Type: Total/NA

Prep Batch: 587481

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1-Methylnaphthalene	0.018	J	1.57	1.32		mg/Kg	*	83	68 - 111
2-Methylnaphthalene	0.022	J	1.57	1.34		mg/Kg	*	84	69 - 112
Acenaphthene	<0.0071		1.57	1.33		mg/Kg	*	85	65 - 124
Acenaphthylene	<0.0052		1.57	1.33		mg/Kg	*	85	68 - 120
Anthracene	<0.0066		1.57	1.31		mg/Kg	*	83	70 - 114
Benzo[a]anthracene	0.021	J	1.57	1.30		mg/Kg	*	82	67 - 122
Benzo[a]pyrene	0.020	J	1.57	1.28		mg/Kg	*	80	65 - 133
Benzo[b]fluoranthene	0.030	J	1.57	1.35		mg/Kg	*	84	69 - 129
Benzo[g,h,i]perylene	0.015	J F1	1.57	0.971	F1	mg/Kg	*	61	72 - 131
Benzo[k]fluoranthene	<0.012		1.57	1.35		mg/Kg	*	86	68 - 127
Chrysene	0.034	J	1.57	1.36		mg/Kg	*	84	63 - 120
Dibenz(a,h)anthracene	<0.0076		1.57	1.12		mg/Kg	*	71	64 - 131
Fluoranthene	0.044		1.57	1.29		mg/Kg	*	79	62 - 120
Fluorene	<0.0055		1.57	1.30		mg/Kg	*	83	62 - 120
Indeno[1,2,3-cd]pyrene	0.017	J F1	1.57	1.06	F1	mg/Kg	*	67	68 - 130
Naphthalene	0.014	J	1.57	1.33		mg/Kg	*	84	63 - 110
Phenanthrene	0.052		1.57	1.35		mg/Kg	*	82	62 - 120
Pyrene	0.041		1.57	1.34		mg/Kg	*	83	61 - 128

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2-Fluorobiphenyl (Surr)	86		43 - 145
Nitrobenzene-d5 (Surr)	91		37 - 147
Terphenyl-d14 (Surr)	92		42 - 157

Lab Sample ID: 500-195567-1 MSD

Matrix: Solid

Analysis Batch: 587569

Client Sample ID: WB-RTS-1

Prep Type: Total/NA

Prep Batch: 587481

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1-Methylnaphthalene	0.018	J	1.57	1.39		mg/Kg	*	87	68 - 111	5	30
2-Methylnaphthalene	0.022	J	1.57	1.40		mg/Kg	*	87	69 - 112	4	30
Acenaphthene	<0.0071		1.57	1.41		mg/Kg	*	90	65 - 124	6	30
Acenaphthylene	<0.0052		1.57	1.39		mg/Kg	*	88	68 - 120	5	30
Anthracene	<0.0066		1.57	1.35		mg/Kg	*	86	70 - 114	3	30
Benzo[a]anthracene	0.021	J	1.57	1.37		mg/Kg	*	86	67 - 122	6	30
Benzo[a]pyrene	0.020	J	1.57	1.36		mg/Kg	*	85	65 - 133	6	30
Benzo[b]fluoranthene	0.030	J	1.57	1.44		mg/Kg	*	90	69 - 129	6	30
Benzo[g,h,i]perylene	0.015	J F1	1.57	0.883	F1	mg/Kg	*	55	72 - 131	9	30
Benzo[k]fluoranthene	<0.012		1.57	1.40		mg/Kg	*	89	68 - 127	4	30
Chrysene	0.034	J	1.57	1.44		mg/Kg	*	89	63 - 120	6	30
Dibenz(a,h)anthracene	<0.0076		1.57	1.04		mg/Kg	*	66	64 - 131	7	30
Fluoranthene	0.044		1.57	1.36		mg/Kg	*	83	62 - 120	5	30
Fluorene	<0.0055		1.57	1.35		mg/Kg	*	86	62 - 120	4	30
Indeno[1,2,3-cd]pyrene	0.017	J F1	1.57	0.993	F1	mg/Kg	*	62	68 - 130	7	30
Naphthalene	0.014	J	1.57	1.41		mg/Kg	*	89	63 - 110	6	30
Phenanthrene	0.052		1.57	1.40		mg/Kg	*	86	62 - 120	4	30
Pyrene	0.041		1.57	1.39		mg/Kg	*	86	61 - 128	4	30

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

Lab Sample ID: 500-195567-1 MSD
Matrix: Solid
Analysis Batch: 587569

Client Sample ID: WB-RTS-1
Prep Type: Total/NA
Prep Batch: 587481

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	88		43 - 145
Nitrobenzene-d5 (Surr)	95		37 - 147
Terphenyl-d14 (Surr)	93		42 - 157

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

Lab Sample ID: MB 500-587482/1-A
Matrix: Solid
Analysis Batch: 587587

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587482

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		03/05/21 17:01	03/08/21 10:48	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		03/05/21 17:01	03/08/21 10:48	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		03/05/21 17:01	03/08/21 10:48	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		03/05/21 17:01	03/08/21 10:48	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		03/05/21 17:01	03/08/21 10:48	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		03/05/21 17:01	03/08/21 10:48	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		03/05/21 17:01	03/08/21 10:48	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	63		49 - 129	03/05/21 17:01	03/08/21 10:48	1
DCB Decachlorobiphenyl	62		37 - 121	03/05/21 17:01	03/08/21 10:48	1

Lab Sample ID: LCS 500-587482/3-A
Matrix: Solid
Analysis Batch: 587587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587482

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.120		mg/Kg		72	57 - 120
PCB-1260	0.167	0.124		mg/Kg		74	61 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	71		49 - 129
DCB Decachlorobiphenyl	73		37 - 121

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-587371/1-A
Matrix: Solid
Analysis Batch: 587559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587371

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.34		1.0	0.34	mg/Kg		03/05/21 06:41	03/05/21 19:37	1
Barium	<0.11		1.0	0.11	mg/Kg		03/05/21 06:41	03/05/21 19:37	1
Cadmium	<0.036		0.20	0.036	mg/Kg		03/05/21 06:41	03/05/21 19:37	1
Chromium	<0.50		1.0	0.50	mg/Kg		03/05/21 06:41	03/05/21 19:37	1
Lead	<0.23		0.50	0.23	mg/Kg		03/05/21 06:41	03/05/21 19:37	1
Selenium	<0.59		1.0	0.59	mg/Kg		03/05/21 06:41	03/05/21 19:37	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 500-587371/1-A
Matrix: Solid
Analysis Batch: 587559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.13		0.50	0.13	mg/Kg		03/05/21 06:41	03/05/21 19:37	1

Lab Sample ID: LCS 500-587371/2-A
Matrix: Solid
Analysis Batch: 587559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	10.0	9.48		mg/Kg		95	80 - 120
Barium	200	203		mg/Kg		101	80 - 120
Cadmium	5.00	4.68		mg/Kg		94	80 - 120
Chromium	20.0	19.5		mg/Kg		97	80 - 120
Lead	10.0	9.51		mg/Kg		95	80 - 120
Selenium	10.0	8.61		mg/Kg		86	80 - 120
Silver	5.00	4.67		mg/Kg		93	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-587775/12-A
Matrix: Solid
Analysis Batch: 587968

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 587775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		03/09/21 13:20	03/10/21 07:59	1

Lab Sample ID: LCS 500-587775/13-A
Matrix: Solid
Analysis Batch: 587968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 587775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.167	0.173		mg/Kg		104	80 - 120

Lab Chronicle

Client: K. Singh & Associates, Inc
 Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

Client Sample ID: WB-RTS-1

Lab Sample ID: 500-195567-1

Date Collected: 03/03/21 14:30

Matrix: Solid

Date Received: 03/04/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	587279	03/04/21 14:15	LWN	TAL CHI

Client Sample ID: WB-RTS-1

Lab Sample ID: 500-195567-1

Date Collected: 03/03/21 14:30

Matrix: Solid

Date Received: 03/04/21 10:00

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			587361	03/03/21 14:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	587750	03/09/21 16:47	PMF	TAL CHI
Total/NA	Prep	3541			587481	03/05/21 16:38	ACK	TAL CHI
Total/NA	Analysis	8270D		1	587569	03/08/21 11:39	AJD	TAL CHI
Total/NA	Prep	3541			587482	03/05/21 17:01	ACK	TAL CHI
Total/NA	Analysis	8082A		1	587587	03/08/21 11:19	JBj	TAL CHI
Total/NA	Prep	3050B			587371	03/05/21 06:41	LMN	TAL CHI
Total/NA	Analysis	6010B		1	587559	03/05/21 20:17	EEN	TAL CHI
Total/NA	Prep	7471A			587775	03/09/21 13:20	MJG	TAL CHI
Total/NA	Analysis	7471A		1	587968	03/10/21 08:52	MJG	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
Project/Site: Community Within the Corridor - 40420

Job ID: 500-195567-1

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

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500-195567

Sample Collector(s) Kyle Vander Heiden	Title Staff Geologist	Telephone # (incl area code) (262) 821 1171	Report To Kyle Vander Heiden & Robert Reineke
Property Owner Community Within the Corridor Limited Partnership	Property Address 2748 N 32nd Street, Milwaukee WI 53208	Telephone # (incl area code) N/A	KSingh Project # 40420

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

Relinquished By (Signature) 	Date/Time 3-3-21 @ 1600	Laboratory Name TestAmerica	Received By (Signature) 	Temperature Blank: 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 3-3-21 1700	Received By (Signature) Paula Dumbley ^{ETA 3/4/21} / 1000		

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		Location/Description (2)	8260B VOC	PAH	PCB	PCRA Metals	Sample Condition					Other Comment							
		Type (1)	Device						# / Type of Container				---								
									MeOH	--	--	Unpres									
3/3/2021	14 30	S	Grab	WB-RTS-1	x	x	x	x						1					2		

NOTE(S)

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



Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-195567-1

Login Number: 195567

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Buckley, Paula M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.6, 0.1 samples were not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

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

Laboratory Job ID: 500-197165-1

Client Project/Site: Community Within the Corridor - 40443

For:

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

Attn: Mr. Robert Reineke



Authorized for release by:
4/19/2021 1:23:37 PM

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

LINKS

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results through
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	9
QC Association	10
Surrogate Summary	11
QC Sample Results	12
Chronicle	19
Certification Summary	20
Chain of Custody	21
Receipt Checklists	22

Case Narrative

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

Job ID: 500-197165-1

Job ID: 500-197165-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-197165-1

Comments

No additional comments.

Receipt

The sample was received on 4/7/2021 9:30 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.1° C.

GC/MS VOA

Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. WB-RTS-2 (500-197165-1)

Method 8260B: The laboratory control sample (LCS) for 592392 recovered outside control limits for the following analytes: 1,1-Dichloroethane and 1,2-Dichloropropane. This is a prepped 5035 LCS. The daily instrument LCS was acceptable, and the data have been reported. WB-RTS-2 (500-197165-1)

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

GC Semi VOA

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following Continuing Calibration Verification (CCVIS) was outside control limits: (CCVIS 500-593554/1). The other surrogate was within limits; therefore, re-analysis was not performed.

Method 8082A: The following samples contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1254: WB-RTS-2 (500-197165-1).

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

Metals

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

Organic Prep

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

Detection Summary

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

Job ID: 500-197165-1

Client Sample ID: WB-RTS-2

Lab Sample ID: 500-197165-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.50		0.11	0.038	mg/Kg	50	✳	8260B	Total/NA
1,3,5-Trimethylbenzene	0.17		0.11	0.040	mg/Kg	50	✳	8260B	Total/NA
Benzene	0.022	J	0.027	0.016	mg/Kg	50	✳	8260B	Total/NA
Ethylbenzene	0.066		0.027	0.019	mg/Kg	50	✳	8260B	Total/NA
Isopropylbenzene	0.075	J	0.11	0.041	mg/Kg	50	✳	8260B	Total/NA
Naphthalene	0.63		0.11	0.036	mg/Kg	50	✳	8260B	Total/NA
n-Butylbenzene	0.057	J	0.11	0.041	mg/Kg	50	✳	8260B	Total/NA
N-Propylbenzene	0.070	J	0.11	0.044	mg/Kg	50	✳	8260B	Total/NA
p-Isopropyltoluene	0.049	J	0.11	0.039	mg/Kg	50	✳	8260B	Total/NA
Tetrachloroethene	0.12		0.11	0.039	mg/Kg	50	✳	8260B	Total/NA
Toluene	0.062		0.027	0.016	mg/Kg	50	✳	8260B	Total/NA
Trichloroethene	0.69		0.053	0.017	mg/Kg	50	✳	8260B	Total/NA
Xylenes, Total	0.83		0.053	0.023	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	0.018		0.017	0.0038	mg/Kg	1	✳	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

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

Job ID: 500-197165-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3541	Automated Soxhlet Extraction	SW846	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 - 40443

Job ID: 500-197165-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-197165-1	WB-RTS-2	Solid	04/06/21 12:10	04/07/21 09:30	

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Client Sample Results

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

Job ID: 500-197165-1

Client Sample ID: WB-RTS-2

Lab Sample ID: 500-197165-1

Date Collected: 04/06/21 12:10

Matrix: Solid

Date Received: 04/07/21 09:30

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.049		0.11	0.049	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,1,1-Trichloroethane	<0.040		0.11	0.040	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,1,2,2-Tetrachloroethane	<0.042		0.11	0.042	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,1,2-Trichloroethane	<0.037		0.11	0.037	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,1-Dichloroethane	<0.044	+	0.11	0.044	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,1-Dichloroethene	<0.041		0.11	0.041	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,1-Dichloropropene	<0.032		0.11	0.032	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2,3-Trichlorobenzene	<0.049		0.11	0.049	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2,3-Trichloropropane	<0.044		0.21	0.044	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2,4-Trichlorobenzene	<0.036		0.11	0.036	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2,4-Trimethylbenzene	0.50		0.11	0.038	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2-Dibromo-3-Chloropropane	<0.21		0.53	0.21	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2-Dibromoethane	<0.041		0.11	0.041	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2-Dichlorobenzene	<0.036		0.11	0.036	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2-Dichloroethane	<0.042		0.11	0.042	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,2-Dichloropropane	<0.046	+	0.11	0.046	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,3,5-Trimethylbenzene	0.17		0.11	0.040	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,3-Dichlorobenzene	<0.043		0.11	0.043	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,3-Dichloropropane	<0.039		0.11	0.039	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
1,4-Dichlorobenzene	<0.039		0.11	0.039	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
2,2-Dichloropropane	<0.047		0.11	0.047	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
2-Chlorotoluene	<0.033		0.11	0.033	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
4-Chlorotoluene	<0.037		0.11	0.037	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Benzene	0.022	J	0.027	0.016	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Bromobenzene	<0.038		0.11	0.038	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Bromochloromethane	<0.046		0.11	0.046	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Bromodichloromethane	<0.040		0.11	0.040	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Bromoform	<0.051		0.11	0.051	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Bromomethane	<0.085		0.32	0.085	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Carbon tetrachloride	<0.041		0.11	0.041	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Chlorobenzene	<0.041		0.11	0.041	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Chloroethane	<0.054		0.11	0.054	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Chloroform	<0.039		0.21	0.039	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Chloromethane	<0.034		0.11	0.034	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
cis-1,2-Dichloroethene	<0.043		0.11	0.043	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
cis-1,3-Dichloropropane	<0.044		0.11	0.044	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Dibromochloromethane	<0.052		0.11	0.052	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Dibromomethane	<0.029		0.11	0.029	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Dichlorodifluoromethane	<0.072		0.32	0.072	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Ethylbenzene	0.066		0.027	0.019	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Hexachlorobutadiene	<0.047		0.11	0.047	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Isopropyl ether	<0.029		0.11	0.029	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Isopropylbenzene	0.075	J	0.11	0.041	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Methyl tert-butyl ether	<0.042		0.11	0.042	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Methylene Chloride	<0.17		0.53	0.17	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
Naphthalene	0.63		0.11	0.036	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
n-Butylbenzene	0.057	J	0.11	0.041	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
N-Propylbenzene	0.070	J	0.11	0.044	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50
p-Isopropyltoluene	0.049	J	0.11	0.039	mg/Kg	✳	04/06/21 12:10	04/10/21 01:39	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-197165-1

Client Sample ID: WB-RTS-2

Lab Sample ID: 500-197165-1

Date Collected: 04/06/21 12:10

Matrix: Solid

Date Received: 04/07/21 09:30

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.042		0.11	0.042	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Styrene	<0.041		0.11	0.041	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
tert-Butylbenzene	<0.042		0.11	0.042	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Tetrachloroethene	0.12		0.11	0.039	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Toluene	0.062		0.027	0.016	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
trans-1,2-Dichloroethene	<0.037		0.11	0.037	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
trans-1,3-Dichloropropene	<0.039		0.11	0.039	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Trichloroethene	0.69		0.053	0.017	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Trichlorofluoromethane	<0.046		0.11	0.046	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Vinyl chloride	<0.028		0.11	0.028	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50
Xylenes, Total	0.83		0.053	0.023	mg/Kg	✱	04/06/21 12:10	04/10/21 01:39	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	04/06/21 12:10	04/10/21 01:39	50
4-Bromofluorobenzene (Surr)	105		72 - 124	04/06/21 12:10	04/10/21 01:39	50
Dibromofluoromethane (Surr)	92		75 - 120	04/06/21 12:10	04/10/21 01:39	50
Toluene-d8 (Surr)	101		75 - 120	04/06/21 12:10	04/10/21 01:39	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0061		0.017	0.0061	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1
PCB-1221	<0.0076		0.017	0.0076	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1
PCB-1232	<0.0076		0.017	0.0076	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1
PCB-1242	<0.0057		0.017	0.0057	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1
PCB-1248	<0.0068		0.017	0.0068	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1
PCB-1254	0.018		0.017	0.0038	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1
PCB-1260	<0.0085		0.017	0.0085	mg/Kg	✱	04/15/21 07:14	04/16/21 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		49 - 129	04/15/21 07:14	04/16/21 02:02	1
DCB Decachlorobiphenyl	44		37 - 121	04/15/21 07:14	04/16/21 02:02	1

Definitions/Glossary

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

Job ID: 500-197165-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

QC Association Summary

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

Job ID: 500-197165-1

GC/MS VOA

Prep Batch: 592392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197165-1	WB-RTS-2	Total/NA	Solid	5035	
LB3 500-592392/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-592392/22-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 592567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197165-1	WB-RTS-2	Total/NA	Solid	8260B	592392
LB3 500-592392/21-A	Method Blank	Total/NA	Solid	8260B	592392
MB 500-592567/28	Method Blank	Total/NA	Solid	8260B	
LCS 500-592392/22-A	Lab Control Sample	Total/NA	Solid	8260B	592392
LCS 500-592567/4	Lab Control Sample	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 593361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197165-1	WB-RTS-2	Total/NA	Solid	3541	
MB 500-593361/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-593361/3-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 593554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197165-1	WB-RTS-2	Total/NA	Solid	8082A	593361
MB 500-593361/1-A	Method Blank	Total/NA	Solid	8082A	593361
LCS 500-593361/3-A	Lab Control Sample	Total/NA	Solid	8082A	593361

General Chemistry

Analysis Batch: 592258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-197165-1	WB-RTS-2	Total/NA	Solid	Moisture	

Surrogate Summary

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

Job ID: 500-197165-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL
		(75-126)	(72-124)	(75-120)	(75-120)
500-197165-1	WB-RTS-2	96	105	92	101
LB3 500-592392/21-A	Method Blank	95	108	95	101
LCS 500-592392/22-A	Lab Control Sample	97	95	97	103
LCS 500-592567/4	Lab Control Sample	94	98	96	100
MB 500-592567/28	Method Blank	91	112	92	104

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2	DCBP2
		(49-129)	(37-121)
500-197165-1	WB-RTS-2	89	44
LCS 500-593361/3-A	Lab Control Sample	75	79
MB 500-593361/1-A	Method Blank	86	80

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: LB3 500-592392/21-A
Matrix: Solid
Analysis Batch: 592567

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592392

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Bromoform	<0.024		0.050	0.024	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Chloroform	<0.019		0.10	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: LB3 500-592392/21-A
Matrix: Solid
Analysis Batch: 592567

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592392

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Styrene	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		04/09/21 01:30	04/10/21 00:49	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		04/09/21 01:30	04/10/21 00:49	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 126	04/09/21 01:30	04/10/21 00:49	50
4-Bromofluorobenzene (Surr)	108		72 - 124	04/09/21 01:30	04/10/21 00:49	50
Dibromofluoromethane (Surr)	95		75 - 120	04/09/21 01:30	04/10/21 00:49	50
Toluene-d8 (Surr)	101		75 - 120	04/09/21 01:30	04/10/21 00:49	50

Lab Sample ID: LCS 500-592392/22-A
Matrix: Solid
Analysis Batch: 592567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592392

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1,2-Tetrachloroethane	2.50	3.00		mg/Kg		120	70 - 125
1,1,1-Trichloroethane	2.50	2.89		mg/Kg		116	70 - 125
1,1,1,2-Tetrachloroethane	2.50	2.61		mg/Kg		104	62 - 140
1,1,2-Trichloroethane	2.50	2.78		mg/Kg		111	71 - 130
1,1-Dichloroethane	2.50	3.30	*+	mg/Kg		132	70 - 125
1,1-Dichloroethene	2.50	2.61		mg/Kg		104	67 - 122
1,1-Dichloropropene	2.50	2.84		mg/Kg		113	70 - 121
1,2,3-Trichlorobenzene	2.50	2.30		mg/Kg		92	51 - 145
1,2,3-Trichloropropane	2.50	2.54		mg/Kg		102	50 - 133
1,2,4-Trichlorobenzene	2.50	2.52		mg/Kg		101	57 - 137
1,2,4-Trimethylbenzene	2.50	2.54		mg/Kg		102	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	2.05		mg/Kg		82	56 - 123
1,2-Dibromoethane	2.50	2.81		mg/Kg		112	70 - 125
1,2-Dichlorobenzene	2.50	2.62		mg/Kg		105	70 - 125
1,2-Dichloroethane	2.50	2.88		mg/Kg		115	68 - 127
1,2-Dichloropropane	2.50	3.33	*+	mg/Kg		133	67 - 130
1,3,5-Trimethylbenzene	2.50	2.55		mg/Kg		102	70 - 123
1,3-Dichlorobenzene	2.50	2.67		mg/Kg		107	70 - 125
1,3-Dichloropropane	2.50	2.76		mg/Kg		110	62 - 136
1,4-Dichlorobenzene	2.50	2.61		mg/Kg		104	70 - 120
2,2-Dichloropropane	2.50	2.98		mg/Kg		119	58 - 139
2-Chlorotoluene	2.50	2.52		mg/Kg		101	70 - 125
4-Chlorotoluene	2.50	2.49		mg/Kg		99	68 - 124
Benzene	2.50	2.77		mg/Kg		111	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: LCS 500-592392/22-A
Matrix: Solid
Analysis Batch: 592567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592392

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.57		mg/Kg		103	70 - 122
Bromochloromethane	2.50	2.89		mg/Kg		116	65 - 122
Bromodichloromethane	2.50	2.65		mg/Kg		106	69 - 120
Bromoform	2.50	2.65		mg/Kg		106	56 - 132
Bromomethane	2.50	1.98		mg/Kg		79	40 - 152
Carbon tetrachloride	2.50	2.58		mg/Kg		103	59 - 133
Chlorobenzene	2.50	2.87		mg/Kg		115	70 - 120
Chloroethane	2.50	2.87		mg/Kg		115	48 - 136
Chloroform	2.50	2.75		mg/Kg		110	70 - 120
Chloromethane	2.50	3.24		mg/Kg		130	56 - 152
cis-1,2-Dichloroethene	2.50	2.87		mg/Kg		115	70 - 125
cis-1,3-Dichloropropene	2.50	2.73		mg/Kg		109	64 - 127
Dibromochloromethane	2.50	2.68		mg/Kg		107	68 - 125
Dibromomethane	2.50	2.62		mg/Kg		105	70 - 120
Dichlorodifluoromethane	2.50	1.27		mg/Kg		51	40 - 159
Ethylbenzene	2.50	2.98		mg/Kg		119	70 - 123
Hexachlorobutadiene	2.50	2.76		mg/Kg		110	51 - 150
Isopropylbenzene	2.50	2.63		mg/Kg		105	70 - 126
Methyl tert-butyl ether	2.50	2.54		mg/Kg		101	55 - 123
Methylene Chloride	2.50	2.82		mg/Kg		113	69 - 125
Naphthalene	2.50	2.29		mg/Kg		92	53 - 144
n-Butylbenzene	2.50	2.68		mg/Kg		107	68 - 125
N-Propylbenzene	2.50	2.59		mg/Kg		104	69 - 127
p-Isopropyltoluene	2.50	2.75		mg/Kg		110	70 - 125
sec-Butylbenzene	2.50	2.67		mg/Kg		107	70 - 123
Styrene	2.50	2.84		mg/Kg		114	70 - 120
tert-Butylbenzene	2.50	2.70		mg/Kg		108	70 - 121
Tetrachloroethene	2.50	3.02		mg/Kg		121	70 - 128
Toluene	2.50	2.79		mg/Kg		112	70 - 125
trans-1,2-Dichloroethene	2.50	2.86		mg/Kg		114	70 - 125
trans-1,3-Dichloropropene	2.50	2.48		mg/Kg		99	62 - 128
Trichloroethene	2.50	2.85		mg/Kg		114	70 - 125
Trichlorofluoromethane	2.50	2.36		mg/Kg		94	55 - 128
Vinyl chloride	2.50	2.60		mg/Kg		104	64 - 126
Xylenes, Total	5.00	5.52		mg/Kg		110	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	97		75 - 120
Toluene-d8 (Surr)	103		75 - 120

Lab Sample ID: MB 500-592567/28
Matrix: Solid
Analysis Batch: 592567

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			04/10/21 01:14	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: MB 500-592567/28
Matrix: Solid
Analysis Batch: 592567

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-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			04/10/21 01:14	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			04/10/21 01:14	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			04/10/21 01:14	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			04/10/21 01:14	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			04/10/21 01:14	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			04/10/21 01:14	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			04/10/21 01:14	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			04/10/21 01:14	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			04/10/21 01:14	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			04/10/21 01:14	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			04/10/21 01:14	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			04/10/21 01:14	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/10/21 01:14	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			04/10/21 01:14	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			04/10/21 01:14	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/10/21 01:14	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			04/10/21 01:14	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			04/10/21 01:14	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			04/10/21 01:14	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			04/10/21 01:14	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			04/10/21 01:14	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			04/10/21 01:14	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			04/10/21 01:14	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			04/10/21 01:14	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			04/10/21 01:14	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			04/10/21 01:14	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			04/10/21 01:14	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			04/10/21 01:14	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			04/10/21 01:14	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			04/10/21 01:14	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			04/10/21 01:14	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			04/10/21 01:14	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			04/10/21 01:14	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			04/10/21 01:14	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			04/10/21 01:14	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			04/10/21 01:14	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			04/10/21 01:14	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			04/10/21 01:14	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			04/10/21 01:14	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			04/10/21 01:14	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			04/10/21 01:14	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			04/10/21 01:14	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/10/21 01:14	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: MB 500-592567/28
Matrix: Solid
Analysis Batch: 592567

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	<0.00039		0.0010	0.00039	mg/Kg			04/10/21 01:14	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			04/10/21 01:14	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			04/10/21 01:14	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			04/10/21 01:14	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			04/10/21 01:14	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			04/10/21 01:14	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			04/10/21 01:14	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			04/10/21 01:14	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			04/10/21 01:14	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			04/10/21 01:14	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		04/10/21 01:14	1
4-Bromofluorobenzene (Surr)	112		72 - 124		04/10/21 01:14	1
Dibromofluoromethane (Surr)	92		75 - 120		04/10/21 01:14	1
Toluene-d8 (Surr)	104		75 - 120		04/10/21 01:14	1

Lab Sample ID: LCS 500-592567/4
Matrix: Solid
Analysis Batch: 592567

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	0.0500	0.0470		mg/Kg		94	70 - 125
1,1,1-Trichloroethane	0.0500	0.0468		mg/Kg		94	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0451		mg/Kg		90	62 - 140
1,1,2-Trichloroethane	0.0500	0.0445		mg/Kg		89	71 - 130
1,1,1-Dichloroethane	0.0500	0.0536		mg/Kg		107	70 - 125
1,1-Dichloroethene	0.0500	0.0416		mg/Kg		83	67 - 122
1,1-Dichloropropene	0.0500	0.0456		mg/Kg		91	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0424		mg/Kg		85	51 - 145
1,2,3-Trichloropropane	0.0500	0.0424		mg/Kg		85	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0458		mg/Kg		92	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0438		mg/Kg		88	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0357		mg/Kg		71	56 - 123
1,2-Dibromoethane	0.0500	0.0460		mg/Kg		92	70 - 125
1,2-Dichlorobenzene	0.0500	0.0446		mg/Kg		89	70 - 125
1,2-Dichloroethane	0.0500	0.0480		mg/Kg		96	68 - 127
1,2-Dichloropropane	0.0500	0.0550		mg/Kg		110	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0434		mg/Kg		87	70 - 123
1,3-Dichlorobenzene	0.0500	0.0459		mg/Kg		92	70 - 125
1,3-Dichloropropane	0.0500	0.0454		mg/Kg		91	62 - 136
1,4-Dichlorobenzene	0.0500	0.0447		mg/Kg		89	70 - 120
2,2-Dichloropropane	0.0500	0.0494		mg/Kg		99	58 - 139
2-Chlorotoluene	0.0500	0.0435		mg/Kg		87	70 - 125
4-Chlorotoluene	0.0500	0.0422		mg/Kg		84	68 - 124
Benzene	0.0500	0.0456		mg/Kg		91	70 - 120
Bromobenzene	0.0500	0.0450		mg/Kg		90	70 - 122
Bromochloromethane	0.0500	0.0478		mg/Kg		96	65 - 122

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: LCS 500-592567/4
Matrix: Solid
Analysis Batch: 592567

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	0.0500	0.0430		mg/Kg		86	69 - 120
Bromoform	0.0500	0.0441		mg/Kg		88	56 - 132
Bromomethane	0.0500	0.0350		mg/Kg		70	40 - 152
Carbon tetrachloride	0.0500	0.0399		mg/Kg		80	59 - 133
Chlorobenzene	0.0500	0.0479		mg/Kg		96	70 - 120
Chloroethane	0.0500	0.0460		mg/Kg		92	48 - 136
Chloroform	0.0500	0.0454		mg/Kg		91	70 - 120
Chloromethane	0.0500	0.0684		mg/Kg		137	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0476		mg/Kg		95	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0438		mg/Kg		88	64 - 127
Dibromochloromethane	0.0500	0.0428		mg/Kg		86	68 - 125
Dibromomethane	0.0500	0.0425		mg/Kg		85	70 - 120
Dichlorodifluoromethane	0.0500	0.0352		mg/Kg		70	40 - 159
Ethylbenzene	0.0500	0.0491		mg/Kg		98	70 - 123
Hexachlorobutadiene	0.0500	0.0450		mg/Kg		90	51 - 150
Isopropylbenzene	0.0500	0.0441		mg/Kg		88	70 - 126
Methyl tert-butyl ether	0.0500	0.0418		mg/Kg		84	55 - 123
Methylene Chloride	0.0500	0.0460		mg/Kg		92	69 - 125
Naphthalene	0.0500	0.0419		mg/Kg		84	53 - 144
n-Butylbenzene	0.0500	0.0451		mg/Kg		90	68 - 125
N-Propylbenzene	0.0500	0.0439		mg/Kg		88	69 - 127
p-Isopropyltoluene	0.0500	0.0460		mg/Kg		92	70 - 125
sec-Butylbenzene	0.0500	0.0441		mg/Kg		88	70 - 123
Styrene	0.0500	0.0475		mg/Kg		95	70 - 120
tert-Butylbenzene	0.0500	0.0452		mg/Kg		90	70 - 121
Tetrachloroethene	0.0500	0.0463		mg/Kg		93	70 - 128
Toluene	0.0500	0.0447		mg/Kg		89	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0461		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0413		mg/Kg		83	62 - 128
Trichloroethene	0.0500	0.0461		mg/Kg		92	70 - 125
Trichlorofluoromethane	0.0500	0.0420		mg/Kg		84	55 - 128
Vinyl chloride	0.0500	0.0508		mg/Kg		102	64 - 126
Xylenes, Total	0.100	0.0905		mg/Kg		90	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		75 - 126
4-Bromofluorobenzene (Surr)	98		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
Toluene-d8 (Surr)	100		75 - 120

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

Lab Sample ID: MB 500-593361/1-A
Matrix: Solid
Analysis Batch: 593554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 593361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		04/15/21 07:14	04/16/21 00:15	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		04/15/21 07:14	04/16/21 00:15	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-197165-1

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

Lab Sample ID: MB 500-593361/1-A
Matrix: Solid
Analysis Batch: 593554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 593361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		04/15/21 07:14	04/16/21 00:15	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		04/15/21 07:14	04/16/21 00:15	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		04/15/21 07:14	04/16/21 00:15	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		04/15/21 07:14	04/16/21 00:15	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		04/15/21 07:14	04/16/21 00:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		49 - 129	04/15/21 07:14	04/16/21 00:15	1
DCB Decachlorobiphenyl	80		37 - 121	04/15/21 07:14	04/16/21 00:15	1

Lab Sample ID: LCS 500-593361/3-A
Matrix: Solid
Analysis Batch: 593554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 593361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	0.167	0.112		mg/Kg		67	57 - 120
PCB-1260	0.167	0.121		mg/Kg		73	61 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	75		49 - 129
DCB Decachlorobiphenyl	79		37 - 121

Lab Chronicle

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

Job ID: 500-197165-1

Client Sample ID: WB-RTS-2

Date Collected: 04/06/21 12:10

Date Received: 04/07/21 09:30

Lab Sample ID: 500-197165-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592258	04/08/21 09:17	LWN	TAL CHI

Client Sample ID: WB-RTS-2

Date Collected: 04/06/21 12:10

Date Received: 04/07/21 09:30

Lab Sample ID: 500-197165-1

Matrix: Solid

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			592392	04/06/21 12:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	592567	04/10/21 01:39	PMF	TAL CHI
Total/NA	Prep	3541			593361	04/15/21 07:14	BSO	TAL CHI
Total/NA	Analysis	8082A		1	593554	04/16/21 02:02	SS	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
Project/Site: Community Within the Corridor - 40443

Job ID: 500-197165-1

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

1

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Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-197165-1

Login Number: 197165

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

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	1.1
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	



ANALYTICAL REPORT

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

Laboratory Job ID: 500-199313-1

Client Project/Site: Community Within the Corridor - 40443

For:

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

Attn: Mr. Robert Reineke



Authorized for release by:
6/3/2021 9:53:16 AM

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

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	15
QC Association	16
Surrogate Summary	18
QC Sample Results	19
Chronicle	35
Certification Summary	37
Chain of Custody	38
Receipt Checklists	39



Case Narrative

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

Job ID: 500-199313-1

Job ID: 500-199313-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-199313-1

Comments

No additional comments.

Receipt

The samples were received on 5/19/2021 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.0° C.

GC/MS VOA

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

GC Semi VOA

Method 8082A: The continuing calibration verification (CCVIS)/1 associated with batch 500-601769 recovered slightly above the upper control limit for PCB-1016. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 500-601769/1).

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1254: WB-RTS-6 (1-2) (500-199313-4).

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following sample was outside control limits: WB-RTS-6 (1-2) (500-199313-4). The other surrogate was within limits; therefore, re-analysis was not performed.

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

Metals

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

Organic Prep

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

Detection Summary

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-3 (1-2)

Lab Sample ID: 500-199313-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.90		0.058	0.021	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: WB-RTS-4 (1-2)

Lab Sample ID: 500-199313-2

No Detections.

Client Sample ID: WB-RTS-5 (1-2)

Lab Sample ID: 500-199313-3

No Detections.

Client Sample ID: WB-RTS-6 (1-2)

Lab Sample ID: 500-199313-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.053	J	0.070	0.023	mg/Kg	50	✳	8260B	Total/NA
PCB-1254	1.6		0.19	0.042	mg/Kg	10	✳	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins TestAmerica, Chicago

Method Summary

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

Job ID: 500-199313-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3541	Automated Soxhlet Extraction	SW846	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 - 40443

Job ID: 500-199313-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-199313-1	WB-RTS-3 (1-2)	Solid	05/18/21 12:00	05/19/21 09:20	
500-199313-2	WB-RTS-4 (1-2)	Solid	05/18/21 12:10	05/19/21 09:20	
500-199313-3	WB-RTS-5 (1-2)	Solid	05/18/21 12:20	05/19/21 09:20	
500-199313-4	WB-RTS-6 (1-2)	Solid	05/18/21 12:30	05/19/21 09:20	

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Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-3 (1-2)

Lab Sample ID: 500-199313-1

Date Collected: 05/18/21 12:00

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.027		0.058	0.027	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,1,1-Trichloroethane	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,1,2,2-Tetrachloroethane	<0.023		0.058	0.023	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,1,2-Trichloroethane	<0.020		0.058	0.020	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,1-Dichloroethane	<0.024		0.058	0.024	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,1-Dichloroethene	<0.023		0.058	0.023	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,1-Dichloropropene	<0.017		0.058	0.017	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2,3-Trichlorobenzene	<0.027		0.058	0.027	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2,3-Trichloropropane	<0.024		0.12	0.024	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2,4-Trichlorobenzene	<0.020		0.058	0.020	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2,4-Trimethylbenzene	<0.021		0.058	0.021	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2-Dibromo-3-Chloropropane	<0.12		0.29	0.12	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2-Dibromoethane	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2-Dichlorobenzene	<0.019		0.058	0.019	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2-Dichloroethane	<0.023		0.058	0.023	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,2-Dichloropropane	<0.025		0.058	0.025	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,3,5-Trimethylbenzene	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,3-Dichlorobenzene	<0.023		0.058	0.023	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,3-Dichloropropane	<0.021		0.058	0.021	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
1,4-Dichlorobenzene	<0.021		0.058	0.021	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
2,2-Dichloropropane	<0.026		0.058	0.026	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
2-Chlorotoluene	<0.018		0.058	0.018	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
4-Chlorotoluene	<0.020		0.058	0.020	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Benzene	<0.0085		0.014	0.0085	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Bromobenzene	<0.021		0.058	0.021	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Bromochloromethane	<0.025		0.058	0.025	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Bromodichloromethane	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Bromoform	<0.028		0.058	0.028	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Bromomethane	<0.046		0.17	0.046	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Carbon tetrachloride	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Chlorobenzene	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Chloroethane	<0.029		0.058	0.029	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Chloroform	<0.021		0.12	0.021	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Chloromethane	<0.019		0.058	0.019	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
cis-1,2-Dichloroethene	<0.024		0.058	0.024	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
cis-1,3-Dichloropropene	<0.024		0.058	0.024	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Dibromochloromethane	<0.028		0.058	0.028	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Dibromomethane	<0.016		0.058	0.016	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Dichlorodifluoromethane	<0.039		0.17	0.039	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Ethylbenzene	<0.011		0.014	0.011	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Hexachlorobutadiene	<0.026		0.058	0.026	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Isopropyl ether	<0.016		0.058	0.016	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Isopropylbenzene	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Methyl tert-butyl ether	<0.023		0.058	0.023	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Methylene Chloride	<0.094		0.29	0.094	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
Naphthalene	<0.019		0.058	0.019	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
n-Butylbenzene	<0.022		0.058	0.022	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
N-Propylbenzene	<0.024		0.058	0.024	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50
p-Isopropyltoluene	<0.021		0.058	0.021	mg/Kg	✱	05/18/21 12:00	05/30/21 18:22	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-3 (1-2)

Lab Sample ID: 500-199313-1

Date Collected: 05/18/21 12:00

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.023		0.058	0.023	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Styrene	<0.022		0.058	0.022	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
tert-Butylbenzene	<0.023		0.058	0.023	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Tetrachloroethene	0.90		0.058	0.021	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Toluene	<0.0085		0.014	0.0085	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
trans-1,2-Dichloroethene	<0.020		0.058	0.020	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
trans-1,3-Dichloropropene	<0.021		0.058	0.021	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Trichloroethene	<0.0095		0.029	0.0095	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Trichlorofluoromethane	<0.025		0.058	0.025	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Vinyl chloride	<0.015		0.058	0.015	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50
Xylenes, Total	<0.013		0.029	0.013	mg/Kg	✳	05/18/21 12:00	05/30/21 18:22	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	05/18/21 12:00	05/30/21 18:22	50
4-Bromofluorobenzene (Surr)	113		72 - 124	05/18/21 12:00	05/30/21 18:22	50
Dibromofluoromethane (Surr)	100		75 - 120	05/18/21 12:00	05/30/21 18:22	50
Toluene-d8 (Surr)	105		75 - 120	05/18/21 12:00	05/30/21 18:22	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0063		0.018	0.0063	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1
PCB-1221	<0.0079		0.018	0.0079	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1
PCB-1232	<0.0078		0.018	0.0078	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1
PCB-1242	<0.0059		0.018	0.0059	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1
PCB-1248	<0.0071		0.018	0.0071	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1
PCB-1254	<0.0039		0.018	0.0039	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1
PCB-1260	<0.0088		0.018	0.0088	mg/Kg	✳	06/01/21 08:12	06/01/21 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		49 - 129	06/01/21 08:12	06/01/21 18:36	1
DCB Decachlorobiphenyl	86		37 - 121	06/01/21 08:12	06/01/21 18:36	1

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-4 (1-2)

Lab Sample ID: 500-199313-2

Date Collected: 05/18/21 12:10

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.026		0.056	0.026	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,1,1-Trichloroethane	<0.021		0.056	0.021	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,1,2,2-Tetrachloroethane	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,1,2-Trichloroethane	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,1-Dichloroethane	<0.023		0.056	0.023	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,1-Dichloroethene	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,1-Dichloropropene	<0.017		0.056	0.017	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2,3-Trichlorobenzene	<0.026		0.056	0.026	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2,3-Trichloropropane	<0.023		0.11	0.023	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2,4-Trichlorobenzene	<0.019		0.056	0.019	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2,4-Trimethylbenzene	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2-Dibromo-3-Chloropropane	<0.11		0.28	0.11	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2-Dibromoethane	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2-Dichlorobenzene	<0.019		0.056	0.019	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2-Dichloroethane	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,2-Dichloropropane	<0.024		0.056	0.024	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,3,5-Trimethylbenzene	<0.021		0.056	0.021	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,3-Dichlorobenzene	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,3-Dichloropropane	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
1,4-Dichlorobenzene	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
2,2-Dichloropropane	<0.025		0.056	0.025	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
2-Chlorotoluene	<0.018		0.056	0.018	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
4-Chlorotoluene	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Benzene	<0.0082		0.014	0.0082	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Bromobenzene	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Bromochloromethane	<0.024		0.056	0.024	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Bromodichloromethane	<0.021		0.056	0.021	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Bromoform	<0.027		0.056	0.027	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Bromomethane	<0.045		0.17	0.045	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Carbon tetrachloride	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Chlorobenzene	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Chloroethane	<0.028		0.056	0.028	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Chloroform	<0.021		0.11	0.021	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Chloromethane	<0.018		0.056	0.018	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
cis-1,2-Dichloroethene	<0.023		0.056	0.023	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
cis-1,3-Dichloropropene	<0.023		0.056	0.023	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Dibromochloromethane	<0.027		0.056	0.027	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Dibromomethane	<0.015		0.056	0.015	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Dichlorodifluoromethane	<0.038		0.17	0.038	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Ethylbenzene	<0.010		0.014	0.010	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Hexachlorobutadiene	<0.025		0.056	0.025	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Isopropyl ether	<0.016		0.056	0.016	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Isopropylbenzene	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Methyl tert-butyl ether	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Methylene Chloride	<0.092		0.28	0.092	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
Naphthalene	<0.019		0.056	0.019	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
n-Butylbenzene	<0.022		0.056	0.022	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
N-Propylbenzene	<0.023		0.056	0.023	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50
p-Isopropyltoluene	<0.020		0.056	0.020	mg/Kg	✱	05/18/21 12:10	05/30/21 18:47	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-4 (1-2)

Lab Sample ID: 500-199313-2

Date Collected: 05/18/21 12:10

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.022		0.056	0.022	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Styrene	<0.022		0.056	0.022	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
tert-Butylbenzene	<0.022		0.056	0.022	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Tetrachloroethene	<0.021		0.056	0.021	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Toluene	<0.0083		0.014	0.0083	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
trans-1,2-Dichloroethene	<0.020		0.056	0.020	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
trans-1,3-Dichloropropene	<0.020		0.056	0.020	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Trichloroethene	<0.0092		0.028	0.0092	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Trichlorofluoromethane	<0.024		0.056	0.024	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Vinyl chloride	<0.015		0.056	0.015	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50
Xylenes, Total	<0.012		0.028	0.012	mg/Kg	✳	05/18/21 12:10	05/30/21 18:47	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 126	05/18/21 12:10	05/30/21 18:47	50
4-Bromofluorobenzene (Surr)	108		72 - 124	05/18/21 12:10	05/30/21 18:47	50
Dibromofluoromethane (Surr)	105		75 - 120	05/18/21 12:10	05/30/21 18:47	50
Toluene-d8 (Surr)	91		75 - 120	05/18/21 12:10	05/30/21 18:47	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0061		0.017	0.0061	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1
PCB-1221	<0.0076		0.017	0.0076	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1
PCB-1232	<0.0075		0.017	0.0075	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1
PCB-1242	<0.0057		0.017	0.0057	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1
PCB-1248	<0.0068		0.017	0.0068	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1
PCB-1254	<0.0037		0.017	0.0037	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1
PCB-1260	<0.0085		0.017	0.0085	mg/Kg	✳	06/01/21 08:12	06/01/21 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		49 - 129	06/01/21 08:12	06/01/21 18:51	1
DCB Decachlorobiphenyl	76		37 - 121	06/01/21 08:12	06/01/21 18:51	1

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-5 (1-2)

Lab Sample ID: 500-199313-3

Date Collected: 05/18/21 12:20

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.030		0.065	0.030	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,1,1-Trichloroethane	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,1,2,2-Tetrachloroethane	<0.026		0.065	0.026	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,1,2-Trichloroethane	<0.023		0.065	0.023	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,1-Dichloroethane	<0.027		0.065	0.027	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,1-Dichloroethene	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,1-Dichloropropene	<0.019		0.065	0.019	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2,3-Trichlorobenzene	<0.030		0.065	0.030	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2,3-Trichloropropane	<0.027		0.13	0.027	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2,4-Trichlorobenzene	<0.022		0.065	0.022	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2,4-Trimethylbenzene	<0.023		0.065	0.023	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2-Dibromo-3-Chloropropane	<0.13		0.33	0.13	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2-Dibromoethane	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2-Dichlorobenzene	<0.022		0.065	0.022	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2-Dichloroethane	<0.026		0.065	0.026	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,2-Dichloropropane	<0.028		0.065	0.028	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,3,5-Trimethylbenzene	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,3-Dichlorobenzene	<0.026		0.065	0.026	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,3-Dichloropropane	<0.024		0.065	0.024	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
1,4-Dichlorobenzene	<0.024		0.065	0.024	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
2,2-Dichloropropane	<0.029		0.065	0.029	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
2-Chlorotoluene	<0.020		0.065	0.020	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
4-Chlorotoluene	<0.023		0.065	0.023	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Benzene	<0.0095		0.016	0.0095	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Bromobenzene	<0.023		0.065	0.023	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Bromochloromethane	<0.028		0.065	0.028	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Bromodichloromethane	<0.024		0.065	0.024	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Bromoform	<0.032		0.065	0.032	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Bromomethane	<0.052		0.20	0.052	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Carbon tetrachloride	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Chlorobenzene	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Chloroethane	<0.033		0.065	0.033	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Chloroform	<0.024		0.13	0.024	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Chloromethane	<0.021		0.065	0.021	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
cis-1,2-Dichloroethene	<0.027		0.065	0.027	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
cis-1,3-Dichloropropene	<0.027		0.065	0.027	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Dibromochloromethane	<0.032		0.065	0.032	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Dibromomethane	<0.018		0.065	0.018	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Dichlorodifluoromethane	<0.044		0.20	0.044	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Ethylbenzene	<0.012		0.016	0.012	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Hexachlorobutadiene	<0.029		0.065	0.029	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Isopropyl ether	<0.018		0.065	0.018	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Isopropylbenzene	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Methyl tert-butyl ether	<0.026		0.065	0.026	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Methylene Chloride	<0.11		0.33	0.11	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
Naphthalene	<0.022		0.065	0.022	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
n-Butylbenzene	<0.025		0.065	0.025	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
N-Propylbenzene	<0.027		0.065	0.027	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50
p-Isopropyltoluene	<0.024		0.065	0.024	mg/Kg	✱	05/18/21 12:20	05/31/21 18:26	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-5 (1-2)

Lab Sample ID: 500-199313-3

Date Collected: 05/18/21 12:20

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Styrene	<0.025		0.065	0.025	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
tert-Butylbenzene	<0.026		0.065	0.026	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Tetrachloroethene	<0.024		0.065	0.024	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Toluene	<0.0096		0.016	0.0096	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
trans-1,2-Dichloroethene	<0.023		0.065	0.023	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
trans-1,3-Dichloropropene	<0.024		0.065	0.024	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Trichloroethene	<0.011		0.033	0.011	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Trichlorofluoromethane	<0.028		0.065	0.028	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Vinyl chloride	<0.017		0.065	0.017	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50
Xylenes, Total	<0.014		0.033	0.014	mg/Kg	✳	05/18/21 12:20	05/31/21 18:26	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	05/18/21 12:20	05/31/21 18:26	50
4-Bromofluorobenzene (Surr)	91		72 - 124	05/18/21 12:20	05/31/21 18:26	50
Dibromofluoromethane (Surr)	85		75 - 120	05/18/21 12:20	05/31/21 18:26	50
Toluene-d8 (Surr)	95		75 - 120	05/18/21 12:20	05/31/21 18:26	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1
PCB-1221	<0.0084		0.019	0.0084	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1
PCB-1232	<0.0083		0.019	0.0083	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1
PCB-1242	<0.0063		0.019	0.0063	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1
PCB-1248	<0.0075		0.019	0.0075	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1
PCB-1254	<0.0041		0.019	0.0041	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1
PCB-1260	<0.0094		0.019	0.0094	mg/Kg	✳	06/01/21 08:12	06/01/21 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		49 - 129	06/01/21 08:12	06/01/21 19:07	1
DCB Decachlorobiphenyl	92		37 - 121	06/01/21 08:12	06/01/21 19:07	1

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-6 (1-2)

Lab Sample ID: 500-199313-4

Date Collected: 05/18/21 12:30

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.032		0.070	0.032	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,1,1-Trichloroethane	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,1,2,2-Tetrachloroethane	<0.028		0.070	0.028	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,1,2-Trichloroethane	<0.025		0.070	0.025	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,1-Dichloroethane	<0.029		0.070	0.029	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,1-Dichloroethene	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,1-Dichloropropene	<0.021		0.070	0.021	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2,3-Trichlorobenzene	<0.032		0.070	0.032	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2,3-Trichloropropane	<0.029		0.14	0.029	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2,4-Trichlorobenzene	<0.024		0.070	0.024	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2,4-Trimethylbenzene	<0.025		0.070	0.025	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2-Dibromo-3-Chloropropane	<0.14		0.35	0.14	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2-Dibromoethane	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2-Dichlorobenzene	<0.023		0.070	0.023	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2-Dichloroethane	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,2-Dichloropropane	<0.030		0.070	0.030	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,3,5-Trimethylbenzene	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,3-Dichlorobenzene	<0.028		0.070	0.028	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,3-Dichloropropane	<0.025		0.070	0.025	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
1,4-Dichlorobenzene	<0.025		0.070	0.025	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
2,2-Dichloropropane	<0.031		0.070	0.031	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
2-Chlorotoluene	<0.022		0.070	0.022	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
4-Chlorotoluene	<0.024		0.070	0.024	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Benzene	<0.010		0.017	0.010	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Bromobenzene	<0.025		0.070	0.025	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Bromochloromethane	<0.030		0.070	0.030	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Bromodichloromethane	<0.026		0.070	0.026	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Bromoform	<0.034		0.070	0.034	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Bromomethane	<0.056		0.21	0.056	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Carbon tetrachloride	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Chlorobenzene	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Chloroethane	<0.035		0.070	0.035	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Chloroform	<0.026		0.14	0.026	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Chloromethane	<0.022		0.070	0.022	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
cis-1,2-Dichloroethene	<0.028		0.070	0.028	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
cis-1,3-Dichloropropene	<0.029		0.070	0.029	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Dibromochloromethane	<0.034		0.070	0.034	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Dibromomethane	<0.019		0.070	0.019	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Dichlorodifluoromethane	<0.047		0.21	0.047	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Ethylbenzene	<0.013		0.017	0.013	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Hexachlorobutadiene	<0.031		0.070	0.031	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Isopropyl ether	<0.019		0.070	0.019	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Isopropylbenzene	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Methyl tert-butyl ether	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Methylene Chloride	<0.11		0.35	0.11	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
Naphthalene	0.053	J	0.070	0.023	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
n-Butylbenzene	<0.027		0.070	0.027	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
N-Propylbenzene	<0.029		0.070	0.029	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50
p-Isopropyltoluene	<0.025		0.070	0.025	mg/Kg	✱	05/18/21 12:30	05/31/21 18:54	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-6 (1-2)

Lab Sample ID: 500-199313-4

Date Collected: 05/18/21 12:30

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.028		0.070	0.028	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Styrene	<0.027		0.070	0.027	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
tert-Butylbenzene	<0.028		0.070	0.028	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Tetrachloroethene	<0.026		0.070	0.026	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Toluene	<0.010		0.017	0.010	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
trans-1,2-Dichloroethene	<0.024		0.070	0.024	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
trans-1,3-Dichloropropene	<0.025		0.070	0.025	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Trichloroethene	<0.011		0.035	0.011	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Trichlorofluoromethane	<0.030		0.070	0.030	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Vinyl chloride	<0.018		0.070	0.018	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50
Xylenes, Total	<0.015		0.035	0.015	mg/Kg	✳	05/18/21 12:30	05/31/21 18:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	05/18/21 12:30	05/31/21 18:54	50
4-Bromofluorobenzene (Surr)	89		72 - 124	05/18/21 12:30	05/31/21 18:54	50
Dibromofluoromethane (Surr)	82		75 - 120	05/18/21 12:30	05/31/21 18:54	50
Toluene-d8 (Surr)	96		75 - 120	05/18/21 12:30	05/31/21 18:54	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.069		0.19	0.069	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10
PCB-1221	<0.085		0.19	0.085	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10
PCB-1232	<0.085		0.19	0.085	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10
PCB-1242	<0.064		0.19	0.064	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10
PCB-1248	<0.076		0.19	0.076	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10
PCB-1254	1.6		0.19	0.042	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10
PCB-1260	<0.095		0.19	0.095	mg/Kg	✳	06/01/21 08:12	06/02/21 09:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		49 - 129	06/01/21 08:12	06/02/21 09:16	10
DCB Decachlorobiphenyl	598	S1+	37 - 121	06/01/21 08:12	06/02/21 09:16	10

Definitions/Glossary

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

Job ID: 500-199313-1

Qualifiers

GC/MS VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

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
 Project/Site: Community Within the Corridor - 40443

Job ID: 500-199313-1

GC/MS VOA

Prep Batch: 599859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-1	WB-RTS-3 (1-2)	Total/NA	Solid	5035	
500-199313-2	WB-RTS-4 (1-2)	Total/NA	Solid	5035	
500-199313-3	WB-RTS-5 (1-2)	Total/NA	Solid	5035	
500-199313-4	WB-RTS-6 (1-2)	Total/NA	Solid	5035	
LB3 500-599859/19-A	Method Blank	Total/NA	Solid	5035	
LCS 500-599859/20-A	Lab Control Sample	Total/NA	Solid	5035	
500-199313-2 MS	WB-RTS-4 (1-2)	Total/NA	Solid	5035	
500-199313-2 MSD	WB-RTS-4 (1-2)	Total/NA	Solid	5035	

Analysis Batch: 601201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-599859/19-A	Method Blank	Total/NA	Solid	8260B	599859
MB 500-601201/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-599859/20-A	Lab Control Sample	Total/NA	Solid	8260B	599859
LCS 500-601201/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 601545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-1	WB-RTS-3 (1-2)	Total/NA	Solid	8260B	599859
500-199313-2	WB-RTS-4 (1-2)	Total/NA	Solid	8260B	599859
MB 500-601545/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-601545/4	Lab Control Sample	Total/NA	Solid	8260B	
500-199313-2 MS	WB-RTS-4 (1-2)	Total/NA	Solid	8260B	599859
500-199313-2 MSD	WB-RTS-4 (1-2)	Total/NA	Solid	8260B	599859

Analysis Batch: 601553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-3	WB-RTS-5 (1-2)	Total/NA	Solid	8260B	599859
500-199313-4	WB-RTS-6 (1-2)	Total/NA	Solid	8260B	599859
MB 500-601553/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-601553/4	Lab Control Sample	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 601664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-1	WB-RTS-3 (1-2)	Total/NA	Solid	3541	
500-199313-2	WB-RTS-4 (1-2)	Total/NA	Solid	3541	
500-199313-3	WB-RTS-5 (1-2)	Total/NA	Solid	3541	
500-199313-4	WB-RTS-6 (1-2)	Total/NA	Solid	3541	
MB 500-601664/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-601664/24-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 601769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-1	WB-RTS-3 (1-2)	Total/NA	Solid	8082A	601664
500-199313-2	WB-RTS-4 (1-2)	Total/NA	Solid	8082A	601664
500-199313-3	WB-RTS-5 (1-2)	Total/NA	Solid	8082A	601664
MB 500-601664/1-A	Method Blank	Total/NA	Solid	8082A	601664
LCS 500-601664/24-A	Lab Control Sample	Total/NA	Solid	8082A	601664

Eurofins TestAmerica, Chicago

QC Association Summary

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

Job ID: 500-199313-1

GC Semi VOA

Analysis Batch: 601835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-4	WB-RTS-6 (1-2)	Total/NA	Solid	8082A	601664

General Chemistry

Analysis Batch: 600712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-199313-1	WB-RTS-3 (1-2)	Total/NA	Solid	Moisture	
500-199313-2	WB-RTS-4 (1-2)	Total/NA	Solid	Moisture	
500-199313-3	WB-RTS-5 (1-2)	Total/NA	Solid	Moisture	
500-199313-4	WB-RTS-6 (1-2)	Total/NA	Solid	Moisture	

Surrogate Summary

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

Job ID: 500-199313-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-199313-1	WB-RTS-3 (1-2)	97	113	100	105
500-199313-2	WB-RTS-4 (1-2)	98	108	105	91
500-199313-2 MS	WB-RTS-4 (1-2)	97	96	110	98
500-199313-2 MSD	WB-RTS-4 (1-2)	94	107	102	108
500-199313-3	WB-RTS-5 (1-2)	97	91	85	95
500-199313-4	WB-RTS-6 (1-2)	96	89	82	96
LB3 500-599859/19-A	Method Blank	100	96	93	98
LCS 500-599859/20-A	Lab Control Sample	97	98	96	99
LCS 500-601201/4	Lab Control Sample	99	98	94	101
LCS 500-601545/4	Lab Control Sample	89	97	99	98
LCS 500-601553/4	Lab Control Sample	95	89	92	98
MB 500-601201/6	Method Blank	99	105	92	100
MB 500-601545/6	Method Blank	95	112	99	88
MB 500-601553/6	Method Blank	96	93	88	95

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-129)	DCBP1 (37-121)
500-199313-1	WB-RTS-3 (1-2)	88	86
500-199313-2	WB-RTS-4 (1-2)	89	76
500-199313-3	WB-RTS-5 (1-2)	72	92
500-199313-4	WB-RTS-6 (1-2)	116	598 S1+
LCS 500-601664/24-A	Lab Control Sample	100	103
MB 500-601664/1-A	Method Blank	99	100

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: LB3 500-599859/19-A
Matrix: Solid
Analysis Batch: 601201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599859

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Bromoform	<0.024		0.050	0.024	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Chloroform	<0.019		0.10	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50

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QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: LB3 500-599859/19-A
Matrix: Solid
Analysis Batch: 601201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599859

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Styrene	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		05/19/21 23:35	05/27/21 22:56	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		05/19/21 23:35	05/27/21 22:56	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	05/19/21 23:35	05/27/21 22:56	50
4-Bromofluorobenzene (Surr)	96		72 - 124	05/19/21 23:35	05/27/21 22:56	50
Dibromofluoromethane (Surr)	93		75 - 120	05/19/21 23:35	05/27/21 22:56	50
Toluene-d8 (Surr)	98		75 - 120	05/19/21 23:35	05/27/21 22:56	50

Lab Sample ID: LCS 500-599859/20-A
Matrix: Solid
Analysis Batch: 601201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	2.50	2.67		mg/Kg		107	70 - 125
1,1,1,2-Tetrachloroethane	2.50	2.48		mg/Kg		99	62 - 140
1,1,2-Trichloroethane	2.50	2.56		mg/Kg		102	71 - 130
1,1-Dichloroethane	2.50	3.06		mg/Kg		122	70 - 125
1,1-Dichloroethene	2.50	2.55		mg/Kg		102	67 - 122
1,1-Dichloropropene	2.50	2.66		mg/Kg		106	70 - 121
1,2,3-Trichlorobenzene	2.50	1.81		mg/Kg		72	51 - 145
1,2,3-Trichloropropane	2.50	2.57		mg/Kg		103	50 - 133
1,2,4-Trichlorobenzene	2.50	2.01		mg/Kg		80	57 - 137
1,2,4-Trimethylbenzene	2.50	2.73		mg/Kg		109	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	1.60		mg/Kg		64	56 - 123
1,2-Dibromoethane	2.50	2.53		mg/Kg		101	70 - 125
1,2-Dichlorobenzene	2.50	2.54		mg/Kg		101	70 - 125
1,2-Dichloroethane	2.50	2.80		mg/Kg		112	68 - 127
1,2-Dichloropropane	2.50	3.10		mg/Kg		124	67 - 130
1,3,5-Trimethylbenzene	2.50	2.76		mg/Kg		110	70 - 123
1,3-Dichlorobenzene	2.50	2.68		mg/Kg		107	70 - 125
1,3-Dichloropropane	2.50	2.56		mg/Kg		102	62 - 136
1,4-Dichlorobenzene	2.50	2.62		mg/Kg		105	70 - 120
2,2-Dichloropropane	2.50	2.73		mg/Kg		109	58 - 139
2-Chlorotoluene	2.50	2.80		mg/Kg		112	70 - 125
4-Chlorotoluene	2.50	2.75		mg/Kg		110	68 - 124
Benzene	2.50	2.71		mg/Kg		108	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: LCS 500-599859/20-A
Matrix: Solid
Analysis Batch: 601201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.74		mg/Kg		110	70 - 122
Bromochloromethane	2.50	2.59		mg/Kg		103	65 - 122
Bromodichloromethane	2.50	2.48		mg/Kg		99	69 - 120
Bromoform	2.50	2.14		mg/Kg		86	56 - 132
Bromomethane	2.50	2.65		mg/Kg		106	40 - 152
Carbon tetrachloride	2.50	2.61		mg/Kg		104	59 - 133
Chlorobenzene	2.50	2.71		mg/Kg		108	70 - 120
Chloroethane	2.50	2.67		mg/Kg		107	48 - 136
Chloroform	2.50	2.57		mg/Kg		103	70 - 120
Chloromethane	2.50	3.62		mg/Kg		145	56 - 152
cis-1,2-Dichloroethene	2.50	2.71		mg/Kg		108	70 - 125
cis-1,3-Dichloropropene	2.50	2.44		mg/Kg		97	64 - 127
Dibromochloromethane	2.50	2.27		mg/Kg		91	68 - 125
Dibromomethane	2.50	2.58		mg/Kg		103	70 - 120
Dichlorodifluoromethane	2.50	1.91		mg/Kg		77	40 - 159
Ethylbenzene	2.50	2.67		mg/Kg		107	70 - 123
Hexachlorobutadiene	2.50	2.46		mg/Kg		98	51 - 150
Isopropylbenzene	2.50	2.88		mg/Kg		115	70 - 126
Methyl tert-butyl ether	2.50	2.15		mg/Kg		86	55 - 123
Methylene Chloride	2.50	2.64		mg/Kg		106	69 - 125
Naphthalene	2.50	1.64		mg/Kg		66	53 - 144
n-Butylbenzene	2.50	2.65		mg/Kg		106	68 - 125
N-Propylbenzene	2.50	2.82		mg/Kg		113	69 - 127
p-Isopropyltoluene	2.50	2.73		mg/Kg		109	70 - 125
sec-Butylbenzene	2.50	2.79		mg/Kg		112	70 - 123
Styrene	2.50	2.68		mg/Kg		107	70 - 120
tert-Butylbenzene	2.50	2.86		mg/Kg		114	70 - 121
Tetrachloroethene	2.50	2.62		mg/Kg		105	70 - 128
Toluene	2.50	2.75		mg/Kg		110	70 - 125
trans-1,2-Dichloroethene	2.50	2.65		mg/Kg		106	70 - 125
trans-1,3-Dichloropropene	2.50	2.32		mg/Kg		93	62 - 128
Trichloroethene	2.50	2.78		mg/Kg		111	70 - 125
Trichlorofluoromethane	2.50	2.72		mg/Kg		109	55 - 128
Vinyl chloride	2.50	3.06		mg/Kg		122	64 - 126
Xylenes, Total	5.00	5.32		mg/Kg		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
4-Bromofluorobenzene (Surr)	98		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
Toluene-d8 (Surr)	99		75 - 120

Lab Sample ID: 500-199313-2 MS
Matrix: Solid
Analysis Batch: 601545

Client Sample ID: WB-RTS-4 (1-2)
Prep Type: Total/NA
Prep Batch: 599859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.026		2.81	2.74		mg/Kg	☆	97	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: 500-199313-2 MS

Matrix: Solid

Analysis Batch: 601545

Client Sample ID: WB-RTS-4 (1-2)

Prep Type: Total/NA

Prep Batch: 599859

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,1,1-Trichloroethane	<0.021		2.81	3.09		mg/Kg	☼	110		70 - 125
1,1,1,2-Tetrachloroethane	<0.022		2.81	2.25		mg/Kg	☼	80		62 - 140
1,1,2-Trichloroethane	<0.020		2.81	2.32		mg/Kg	☼	82		71 - 130
1,1-Dichloroethane	<0.023		2.81	2.81		mg/Kg	☼	100		70 - 125
1,1-Dichloroethene	<0.022		2.81	2.46		mg/Kg	☼	87		67 - 122
1,1-Dichloropropene	<0.017		2.81	2.78		mg/Kg	☼	99		70 - 121
1,2,3-Trichlorobenzene	<0.026		2.81	2.35		mg/Kg	☼	84		51 - 145
1,2,3-Trichloropropane	<0.023		2.81	2.30		mg/Kg	☼	82		50 - 133
1,2,4-Trichlorobenzene	<0.019		2.81	2.38		mg/Kg	☼	84		57 - 137
1,2,4-Trimethylbenzene	<0.020		2.81	2.53		mg/Kg	☼	90		70 - 123
1,2-Dibromo-3-Chloropropane	<0.11		2.81	1.88		mg/Kg	☼	67		56 - 123
1,2-Dibromoethane	<0.022		2.81	2.30		mg/Kg	☼	82		70 - 125
1,2-Dichlorobenzene	<0.019		2.81	2.54		mg/Kg	☼	90		70 - 125
1,2-Dichloroethane	<0.022		2.81	2.48		mg/Kg	☼	88		68 - 127
1,2-Dichloropropane	<0.024		2.81	2.60		mg/Kg	☼	92		67 - 130
1,3,5-Trimethylbenzene	<0.021		2.81	2.53		mg/Kg	☼	90		70 - 123
1,3-Dichlorobenzene	<0.022		2.81	2.55		mg/Kg	☼	91		70 - 125
1,3-Dichloropropane	<0.020		2.81	2.41		mg/Kg	☼	86		62 - 136
1,4-Dichlorobenzene	<0.020		2.81	2.46		mg/Kg	☼	87		70 - 120
2,2-Dichloropropane	<0.025		2.81	3.21		mg/Kg	☼	114		58 - 139
2-Chlorotoluene	<0.018		2.81	2.56		mg/Kg	☼	91		70 - 125
4-Chlorotoluene	<0.020		2.81	2.48		mg/Kg	☼	88		68 - 124
Benzene	<0.0082		2.81	2.54		mg/Kg	☼	90		70 - 120
Bromobenzene	<0.020		2.81	2.52		mg/Kg	☼	90		70 - 122
Bromochloromethane	<0.024		2.81	2.77		mg/Kg	☼	99		65 - 122
Bromodichloromethane	<0.021		2.81	2.38		mg/Kg	☼	85		69 - 120
Bromoform	<0.027		2.81	2.34		mg/Kg	☼	83		56 - 132
Bromomethane	<0.045		2.81	2.14		mg/Kg	☼	76		40 - 152
Carbon tetrachloride	<0.022		2.81	2.60		mg/Kg	☼	93		59 - 133
Chlorobenzene	<0.022		2.81	2.66		mg/Kg	☼	95		70 - 120
Chloroethane	<0.028		2.81	2.16		mg/Kg	☼	77		48 - 136
Chloroform	<0.021		2.81	2.69		mg/Kg	☼	96		70 - 120
Chloromethane	<0.018		2.81	2.60		mg/Kg	☼	93		56 - 152
cis-1,2-Dichloroethene	<0.023		2.81	2.78		mg/Kg	☼	99		70 - 125
cis-1,3-Dichloropropene	<0.023		2.81	2.27		mg/Kg	☼	81		64 - 127
Dibromochloromethane	<0.027		2.81	2.30		mg/Kg	☼	82		68 - 125
Dibromomethane	<0.015		2.81	2.47		mg/Kg	☼	88		70 - 120
Dichlorodifluoromethane	<0.038		2.81	1.39		mg/Kg	☼	50		40 - 159
Ethylbenzene	<0.010		2.81	2.57		mg/Kg	☼	91		70 - 123
Hexachlorobutadiene	<0.025		2.81	3.22		mg/Kg	☼	114		51 - 150
Isopropylbenzene	<0.022		2.81	2.59		mg/Kg	☼	92		70 - 126
Methyl tert-butyl ether	<0.022		2.81	2.22		mg/Kg	☼	79		55 - 123
Methylene Chloride	<0.092		2.81	2.47		mg/Kg	☼	88		69 - 125
Naphthalene	<0.019		2.81	2.10		mg/Kg	☼	75		53 - 144
n-Butylbenzene	<0.022		2.81	2.62		mg/Kg	☼	93		68 - 125
N-Propylbenzene	<0.023		2.81	2.57		mg/Kg	☼	91		69 - 127
p-Isopropyltoluene	<0.020		2.81	2.64		mg/Kg	☼	94		70 - 125
sec-Butylbenzene	<0.022		2.81	2.58		mg/Kg	☼	92		70 - 123
Styrene	<0.022		2.81	2.52		mg/Kg	☼	90		70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: 500-199313-2 MS

Matrix: Solid

Analysis Batch: 601545

Client Sample ID: WB-RTS-4 (1-2)

Prep Type: Total/NA

Prep Batch: 599859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	<0.022		2.81	2.67		mg/Kg	☼	95	70 - 121
Tetrachloroethene	<0.021		2.81	2.72		mg/Kg	☼	97	70 - 128
Toluene	<0.0083		2.81	2.43		mg/Kg	☼	86	70 - 125
trans-1,2-Dichloroethene	<0.020		2.81	2.57		mg/Kg	☼	92	70 - 125
trans-1,3-Dichloropropene	<0.020		2.81	2.18		mg/Kg	☼	77	62 - 128
Trichloroethene	<0.0092		2.81	2.66		mg/Kg	☼	95	70 - 125
Trichlorofluoromethane	<0.024		2.81	2.24		mg/Kg	☼	80	55 - 128
Vinyl chloride	<0.015		2.81	2.42		mg/Kg	☼	86	64 - 126
Xylenes, Total	<0.012		5.62	5.12		mg/Kg	☼	91	70 - 125

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	110		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: 500-199313-2 MSD

Matrix: Solid

Analysis Batch: 601545

Client Sample ID: WB-RTS-4 (1-2)

Prep Type: Total/NA

Prep Batch: 599859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.026		2.81	2.87		mg/Kg	☼	102	70 - 125	5	30
1,1,1-Trichloroethane	<0.021		2.81	3.13		mg/Kg	☼	111	70 - 125	1	30
1,1,1,2-Tetrachloroethane	<0.022		2.81	2.53		mg/Kg	☼	90	62 - 140	12	30
1,1,2-Trichloroethane	<0.020		2.81	2.46		mg/Kg	☼	87	71 - 130	6	30
1,1-Dichloroethane	<0.023		2.81	2.86		mg/Kg	☼	102	70 - 125	2	30
1,1-Dichloroethene	<0.022		2.81	2.56		mg/Kg	☼	91	67 - 122	4	30
1,1-Dichloropropene	<0.017		2.81	2.82		mg/Kg	☼	100	70 - 121	2	30
1,2,3-Trichlorobenzene	<0.026		2.81	2.57		mg/Kg	☼	91	51 - 145	9	30
1,2,3-Trichloropropane	<0.023		2.81	2.49		mg/Kg	☼	88	50 - 133	8	30
1,2,4-Trichlorobenzene	<0.019		2.81	2.62		mg/Kg	☼	93	57 - 137	10	30
1,2,4-Trimethylbenzene	<0.020		2.81	2.59		mg/Kg	☼	92	70 - 123	2	30
1,2-Dibromo-3-Chloropropane	<0.11		2.81	1.98		mg/Kg	☼	70	56 - 123	5	30
1,2-Dibromoethane	<0.022		2.81	2.45		mg/Kg	☼	87	70 - 125	6	30
1,2-Dichlorobenzene	<0.019		2.81	2.61		mg/Kg	☼	93	70 - 125	3	30
1,2-Dichloroethane	<0.022		2.81	2.57		mg/Kg	☼	92	68 - 127	4	30
1,2-Dichloropropane	<0.024		2.81	2.79		mg/Kg	☼	99	67 - 130	7	30
1,3,5-Trimethylbenzene	<0.021		2.81	2.77		mg/Kg	☼	98	70 - 123	9	30
1,3-Dichlorobenzene	<0.022		2.81	2.66		mg/Kg	☼	95	70 - 125	4	30
1,3-Dichloropropane	<0.020		2.81	2.57		mg/Kg	☼	91	62 - 136	7	30
1,4-Dichlorobenzene	<0.020		2.81	2.59		mg/Kg	☼	92	70 - 120	5	30
2,2-Dichloropropane	<0.025		2.81	3.31		mg/Kg	☼	118	58 - 139	3	30
2-Chlorotoluene	<0.018		2.81	2.86		mg/Kg	☼	102	70 - 125	11	30
4-Chlorotoluene	<0.020		2.81	2.76		mg/Kg	☼	98	68 - 124	11	30
Benzene	<0.0082		2.81	2.66		mg/Kg	☼	95	70 - 120	5	30
Bromobenzene	<0.020		2.81	2.85		mg/Kg	☼	101	70 - 122	12	30
Bromochloromethane	<0.024		2.81	2.79		mg/Kg	☼	99	65 - 122	1	30
Bromodichloromethane	<0.021		2.81	2.55		mg/Kg	☼	91	69 - 120	7	30

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QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: 500-199313-2 MSD
Matrix: Solid
Analysis Batch: 601545

Client Sample ID: WB-RTS-4 (1-2)
Prep Type: Total/NA
Prep Batch: 599859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	<0.027		2.81	2.81		mg/Kg	*	100	56 - 132	19	30
Bromomethane	<0.045		2.81	2.06		mg/Kg	*	73	40 - 152	4	30
Carbon tetrachloride	<0.022		2.81	2.73		mg/Kg	*	97	59 - 133	5	30
Chlorobenzene	<0.022		2.81	2.74		mg/Kg	*	98	70 - 120	3	30
Chloroethane	<0.028		2.81	2.05		mg/Kg	*	73	48 - 136	5	30
Chloroform	<0.021		2.81	2.71		mg/Kg	*	96	70 - 120	1	30
Chloromethane	<0.018		2.81	2.46		mg/Kg	*	87	56 - 152	6	30
cis-1,2-Dichloroethene	<0.023		2.81	2.74		mg/Kg	*	97	70 - 125	1	30
cis-1,3-Dichloropropene	<0.023		2.81	2.65		mg/Kg	*	94	64 - 127	15	30
Dibromochloromethane	<0.027		2.81	2.44		mg/Kg	*	87	68 - 125	6	30
Dibromomethane	<0.015		2.81	2.55		mg/Kg	*	91	70 - 120	3	30
Dichlorodifluoromethane	<0.038		2.81	1.35		mg/Kg	*	48	40 - 159	3	30
Ethylbenzene	<0.010		2.81	2.68		mg/Kg	*	95	70 - 123	4	30
Hexachlorobutadiene	<0.025		2.81	3.27		mg/Kg	*	116	51 - 150	2	30
Isopropylbenzene	<0.022		2.81	2.92		mg/Kg	*	104	70 - 126	12	30
Methyl tert-butyl ether	<0.022		2.81	2.36		mg/Kg	*	84	55 - 123	6	30
Methylene Chloride	<0.092		2.81	2.54		mg/Kg	*	90	69 - 125	3	30
Naphthalene	<0.019		2.81	2.27		mg/Kg	*	81	53 - 144	8	30
n-Butylbenzene	<0.022		2.81	2.69		mg/Kg	*	96	68 - 125	2	30
N-Propylbenzene	<0.023		2.81	3.02		mg/Kg	*	107	69 - 127	16	30
p-Isopropyltoluene	<0.020		2.81	2.73		mg/Kg	*	97	70 - 125	3	30
sec-Butylbenzene	<0.022		2.81	2.65		mg/Kg	*	94	70 - 123	3	30
Styrene	<0.022		2.81	2.77		mg/Kg	*	99	70 - 120	9	30
tert-Butylbenzene	<0.022		2.81	2.75		mg/Kg	*	98	70 - 121	3	30
Tetrachloroethene	<0.021		2.81	2.98		mg/Kg	*	106	70 - 128	9	30
Toluene	<0.0083		2.81	2.86		mg/Kg	*	102	70 - 125	16	30
trans-1,2-Dichloroethene	<0.020		2.81	2.78		mg/Kg	*	99	70 - 125	8	30
trans-1,3-Dichloropropene	<0.020		2.81	2.45		mg/Kg	*	87	62 - 128	12	30
Trichloroethene	<0.0092		2.81	2.81		mg/Kg	*	100	70 - 125	5	30
Trichlorofluoromethane	<0.024		2.81	2.22		mg/Kg	*	79	55 - 128	1	30
Vinyl chloride	<0.015		2.81	2.33		mg/Kg	*	83	64 - 126	4	30
Xylenes, Total	<0.012		5.62	5.60		mg/Kg	*	100	70 - 125	9	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	94		75 - 126
4-Bromofluorobenzene (Surr)	107		72 - 124
Dibromofluoromethane (Surr)	102		75 - 120
Toluene-d8 (Surr)	108		75 - 120

Lab Sample ID: MB 500-601201/6
Matrix: Solid
Analysis Batch: 601201

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			05/27/21 22:31	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/27/21 22:31	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/27/21 22:31	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/27/21 22:31	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601201/6
Matrix: Solid
Analysis Batch: 601201

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/27/21 22:31	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/27/21 22:31	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/27/21 22:31	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/27/21 22:31	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/27/21 22:31	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/27/21 22:31	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/27/21 22:31	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/27/21 22:31	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/27/21 22:31	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/27/21 22:31	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/27/21 22:31	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/27/21 22:31	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/27/21 22:31	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/27/21 22:31	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/27/21 22:31	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/27/21 22:31	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/27/21 22:31	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/27/21 22:31	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/27/21 22:31	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/27/21 22:31	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/27/21 22:31	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/27/21 22:31	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/27/21 22:31	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/27/21 22:31	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/27/21 22:31	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/27/21 22:31	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/27/21 22:31	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/27/21 22:31	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/27/21 22:31	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/27/21 22:31	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/27/21 22:31	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/27/21 22:31	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/27/21 22:31	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/27/21 22:31	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/27/21 22:31	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/27/21 22:31	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/27/21 22:31	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/27/21 22:31	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/27/21 22:31	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/27/21 22:31	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/27/21 22:31	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/27/21 22:31	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/27/21 22:31	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601201/6
Matrix: Solid
Analysis Batch: 601201

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/27/21 22:31	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/27/21 22:31	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/27/21 22:31	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/27/21 22:31	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/27/21 22:31	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/27/21 22:31	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/27/21 22:31	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		05/27/21 22:31	1
4-Bromofluorobenzene (Surr)	105		72 - 124		05/27/21 22:31	1
Dibromofluoromethane (Surr)	92		75 - 120		05/27/21 22:31	1
Toluene-d8 (Surr)	100		75 - 120		05/27/21 22:31	1

Lab Sample ID: LCS 500-601201/4
Matrix: Solid
Analysis Batch: 601201

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	0.0500	0.0437		mg/Kg		87	70 - 125
1,1,1-Trichloroethane	0.0500	0.0439		mg/Kg		88	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0435		mg/Kg		87	62 - 140
1,1,2-Trichloroethane	0.0500	0.0436		mg/Kg		87	71 - 130
1,1-Dichloroethane	0.0500	0.0486		mg/Kg		97	70 - 125
1,1-Dichloroethene	0.0500	0.0436		mg/Kg		87	67 - 122
1,1-Dichloropropene	0.0500	0.0431		mg/Kg		86	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0380		mg/Kg		76	51 - 145
1,2,3-Trichloropropane	0.0500	0.0456		mg/Kg		91	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0370		mg/Kg		74	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0453		mg/Kg		91	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0311		mg/Kg		62	56 - 123
1,2-Dibromoethane	0.0500	0.0433		mg/Kg		87	70 - 125
1,2-Dichlorobenzene	0.0500	0.0429		mg/Kg		86	70 - 125
1,2-Dichloroethane	0.0500	0.0453		mg/Kg		91	68 - 127
1,2-Dichloropropane	0.0500	0.0496		mg/Kg		99	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0459		mg/Kg		92	70 - 123
1,3-Dichlorobenzene	0.0500	0.0437		mg/Kg		87	70 - 125
1,3-Dichloropropane	0.0500	0.0436		mg/Kg		87	62 - 136
1,4-Dichlorobenzene	0.0500	0.0429		mg/Kg		86	70 - 120
2,2-Dichloropropane	0.0500	0.0451		mg/Kg		90	58 - 139
2-Chlorotoluene	0.0500	0.0468		mg/Kg		94	70 - 125
4-Chlorotoluene	0.0500	0.0459		mg/Kg		92	68 - 124
Benzene	0.0500	0.0439		mg/Kg		88	70 - 120
Bromobenzene	0.0500	0.0462		mg/Kg		92	70 - 122
Bromochloromethane	0.0500	0.0421		mg/Kg		84	65 - 122
Bromodichloromethane	0.0500	0.0409		mg/Kg		82	69 - 120
Bromoform	0.0500	0.0375		mg/Kg		75	56 - 132
Bromomethane	0.0500	0.0447		mg/Kg		89	40 - 152

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: LCS 500-601201/4
Matrix: Solid
Analysis Batch: 601201

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.0500	0.0425		mg/Kg		85	59 - 133
Chlorobenzene	0.0500	0.0447		mg/Kg		89	70 - 120
Chloroethane	0.0500	0.0453		mg/Kg		91	48 - 136
Chloroform	0.0500	0.0412		mg/Kg		82	70 - 120
Chloromethane	0.0500	0.0545		mg/Kg		109	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0427		mg/Kg		85	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0424		mg/Kg		85	64 - 127
Dibromochloromethane	0.0500	0.0393		mg/Kg		79	68 - 125
Dibromomethane	0.0500	0.0427		mg/Kg		85	70 - 120
Dichlorodifluoromethane	0.0500	0.0343		mg/Kg		69	40 - 159
Ethylbenzene	0.0500	0.0449		mg/Kg		90	70 - 123
Hexachlorobutadiene	0.0500	0.0424		mg/Kg		85	51 - 150
Isopropylbenzene	0.0500	0.0481		mg/Kg		96	70 - 126
Methyl tert-butyl ether	0.0500	0.0361		mg/Kg		72	55 - 123
Methylene Chloride	0.0500	0.0434		mg/Kg		87	69 - 125
Naphthalene	0.0500	0.0359		mg/Kg		72	53 - 144
n-Butylbenzene	0.0500	0.0440		mg/Kg		88	68 - 125
N-Propylbenzene	0.0500	0.0472		mg/Kg		94	69 - 127
p-Isopropyltoluene	0.0500	0.0453		mg/Kg		91	70 - 125
sec-Butylbenzene	0.0500	0.0462		mg/Kg		92	70 - 123
Styrene	0.0500	0.0443		mg/Kg		89	70 - 120
tert-Butylbenzene	0.0500	0.0467		mg/Kg		93	70 - 121
Tetrachloroethene	0.0500	0.0435		mg/Kg		87	70 - 128
Toluene	0.0500	0.0458		mg/Kg		92	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0435		mg/Kg		87	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0401		mg/Kg		80	62 - 128
Trichloroethene	0.0500	0.0442		mg/Kg		88	70 - 125
Trichlorofluoromethane	0.0500	0.0392		mg/Kg		78	55 - 128
Vinyl chloride	0.0500	0.0452		mg/Kg		90	64 - 126
Xylenes, Total	0.100	0.0887		mg/Kg		89	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		75 - 126
4-Bromofluorobenzene (Surr)	98		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-601545/6
Matrix: Solid
Analysis Batch: 601545

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			05/30/21 10:52	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/30/21 10:52	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/30/21 10:52	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/30/21 10:52	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/30/21 10:52	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1

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QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601545/6
Matrix: Solid
Analysis Batch: 601545

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/30/21 10:52	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/30/21 10:52	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/30/21 10:52	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/30/21 10:52	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/30/21 10:52	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/30/21 10:52	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/30/21 10:52	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/30/21 10:52	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/30/21 10:52	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/30/21 10:52	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/30/21 10:52	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/30/21 10:52	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/30/21 10:52	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/30/21 10:52	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/30/21 10:52	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/30/21 10:52	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/30/21 10:52	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/30/21 10:52	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/30/21 10:52	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/30/21 10:52	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/30/21 10:52	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/30/21 10:52	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/30/21 10:52	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/30/21 10:52	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/30/21 10:52	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/30/21 10:52	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/30/21 10:52	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/30/21 10:52	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/30/21 10:52	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/30/21 10:52	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/30/21 10:52	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/30/21 10:52	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/30/21 10:52	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/30/21 10:52	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/30/21 10:52	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/30/21 10:52	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/30/21 10:52	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/30/21 10:52	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/30/21 10:52	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/30/21 10:52	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/30/21 10:52	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/30/21 10:52	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/30/21 10:52	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/30/21 10:52	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601545/6
Matrix: Solid
Analysis Batch: 601545

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/30/21 10:52	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/30/21 10:52	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/30/21 10:52	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/30/21 10:52	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/30/21 10:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		05/30/21 10:52	1
4-Bromofluorobenzene (Surr)	112		72 - 124		05/30/21 10:52	1
Dibromofluoromethane (Surr)	99		75 - 120		05/30/21 10:52	1
Toluene-d8 (Surr)	88		75 - 120		05/30/21 10:52	1

Lab Sample ID: LCS 500-601545/4
Matrix: Solid
Analysis Batch: 601545

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	0.0504		mg/Kg		101	70 - 125
1,1,1-Trichloroethane	0.0500	0.0529		mg/Kg		106	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0390		mg/Kg		78	62 - 140
1,1,2-Trichloroethane	0.0500	0.0391		mg/Kg		78	71 - 130
1,1-Dichloroethane	0.0500	0.0478		mg/Kg		96	70 - 125
1,1-Dichloroethene	0.0500	0.0476		mg/Kg		95	67 - 122
1,1-Dichloropropene	0.0500	0.0480		mg/Kg		96	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0423		mg/Kg		85	51 - 145
1,2,3-Trichloropropane	0.0500	0.0400		mg/Kg		80	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0443		mg/Kg		89	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0475		mg/Kg		95	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0364		mg/Kg		73	56 - 123
1,2-Dibromoethane	0.0500	0.0392		mg/Kg		78	70 - 125
1,2-Dichlorobenzene	0.0500	0.0438		mg/Kg		88	70 - 125
1,2-Dichloroethane	0.0500	0.0408		mg/Kg		82	68 - 127
1,2-Dichloropropane	0.0500	0.0448		mg/Kg		90	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0460		mg/Kg		92	70 - 123
1,3-Dichlorobenzene	0.0500	0.0472		mg/Kg		94	70 - 125
1,3-Dichloropropane	0.0500	0.0386		mg/Kg		77	62 - 136
1,4-Dichlorobenzene	0.0500	0.0446		mg/Kg		89	70 - 120
2,2-Dichloropropane	0.0500	0.0580		mg/Kg		116	58 - 139
2-Chlorotoluene	0.0500	0.0459		mg/Kg		92	70 - 125
4-Chlorotoluene	0.0500	0.0449		mg/Kg		90	68 - 124
Benzene	0.0500	0.0439		mg/Kg		88	70 - 120
Bromobenzene	0.0500	0.0443		mg/Kg		89	70 - 122
Bromochloromethane	0.0500	0.0451		mg/Kg		90	65 - 122
Bromodichloromethane	0.0500	0.0419		mg/Kg		84	69 - 120
Bromoform	0.0500	0.0399		mg/Kg		80	56 - 132
Bromomethane	0.0500	0.0416		mg/Kg		83	40 - 152
Carbon tetrachloride	0.0500	0.0478		mg/Kg		96	59 - 133
Chlorobenzene	0.0500	0.0472		mg/Kg		94	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: LCS 500-601545/4
Matrix: Solid
Analysis Batch: 601545

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	0.0500	0.0484		mg/Kg		97	48 - 136
Chloroform	0.0500	0.0456		mg/Kg		91	70 - 120
Chloromethane	0.0500	0.0513		mg/Kg		103	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0455		mg/Kg		91	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0398		mg/Kg		80	64 - 127
Dibromochloromethane	0.0500	0.0409		mg/Kg		82	68 - 125
Dibromomethane	0.0500	0.0404		mg/Kg		81	70 - 120
Dichlorodifluoromethane	0.0500	0.0332		mg/Kg		66	40 - 159
Ethylbenzene	0.0500	0.0494		mg/Kg		99	70 - 123
Hexachlorobutadiene	0.0500	0.0576		mg/Kg		115	51 - 150
Isopropylbenzene	0.0500	0.0467		mg/Kg		93	70 - 126
Methyl tert-butyl ether	0.0500	0.0379		mg/Kg		76	55 - 123
Methylene Chloride	0.0500	0.0424		mg/Kg		85	69 - 125
Naphthalene	0.0500	0.0363		mg/Kg		73	53 - 144
n-Butylbenzene	0.0500	0.0491		mg/Kg		98	68 - 125
N-Propylbenzene	0.0500	0.0470		mg/Kg		94	69 - 127
p-Isopropyltoluene	0.0500	0.0488		mg/Kg		98	70 - 125
sec-Butylbenzene	0.0500	0.0494		mg/Kg		99	70 - 123
Styrene	0.0500	0.0419		mg/Kg		84	70 - 120
tert-Butylbenzene	0.0500	0.0504		mg/Kg		101	70 - 121
Tetrachloroethene	0.0500	0.0502		mg/Kg		100	70 - 128
Toluene	0.0500	0.0434		mg/Kg		87	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0464		mg/Kg		93	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0373		mg/Kg		75	62 - 128
Trichloroethene	0.0500	0.0465		mg/Kg		93	70 - 125
Trichlorofluoromethane	0.0500	0.0484		mg/Kg		97	55 - 128
Vinyl chloride	0.0500	0.0480		mg/Kg		96	64 - 126
Xylenes, Total	0.100	0.0908		mg/Kg		91	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		75 - 126
4-Bromofluorobenzene (Surr)	97		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: MB 500-601553/6
Matrix: Solid
Analysis Batch: 601553

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			05/31/21 10:43	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/31/21 10:43	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/31/21 10:43	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/31/21 10:43	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			05/31/21 10:43	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/31/21 10:43	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/31/21 10:43	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601553/6
Matrix: Solid
Analysis Batch: 601553

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/31/21 10:43	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/31/21 10:43	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/31/21 10:43	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/31/21 10:43	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/31/21 10:43	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/31/21 10:43	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/31/21 10:43	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/31/21 10:43	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/31/21 10:43	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/31/21 10:43	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/31/21 10:43	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/31/21 10:43	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/31/21 10:43	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/31/21 10:43	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/31/21 10:43	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/31/21 10:43	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/31/21 10:43	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/31/21 10:43	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/31/21 10:43	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/31/21 10:43	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/31/21 10:43	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/31/21 10:43	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/31/21 10:43	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/31/21 10:43	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/31/21 10:43	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/31/21 10:43	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/31/21 10:43	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/31/21 10:43	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/31/21 10:43	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/31/21 10:43	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/31/21 10:43	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/31/21 10:43	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/31/21 10:43	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/31/21 10:43	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/31/21 10:43	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/31/21 10:43	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/31/21 10:43	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/31/21 10:43	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/31/21 10:43	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/31/21 10:43	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/31/21 10:43	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/31/21 10:43	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/31/21 10:43	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/31/21 10:43	1

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QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601553/6
Matrix: Solid
Analysis Batch: 601553

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/31/21 10:43	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/31/21 10:43	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/31/21 10:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126		05/31/21 10:43	1
4-Bromofluorobenzene (Surr)	93		72 - 124		05/31/21 10:43	1
Dibromofluoromethane (Surr)	88		75 - 120		05/31/21 10:43	1
Toluene-d8 (Surr)	95		75 - 120		05/31/21 10:43	1

Lab Sample ID: LCS 500-601553/4
Matrix: Solid
Analysis Batch: 601553

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	0.0472		mg/Kg		94	70 - 125
1,1,1-Trichloroethane	0.0500	0.0547		mg/Kg		109	70 - 125
1,1,1,2,2-Tetrachloroethane	0.0500	0.0367		mg/Kg		73	62 - 140
1,1,2-Trichloroethane	0.0500	0.0437		mg/Kg		87	71 - 130
1,1-Dichloroethane	0.0500	0.0466		mg/Kg		93	70 - 125
1,1-Dichloroethene	0.0500	0.0486		mg/Kg		97	67 - 122
1,1-Dichloropropene	0.0500	0.0521		mg/Kg		104	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0401		mg/Kg		80	51 - 145
1,2,3-Trichloropropane	0.0500	0.0383		mg/Kg		77	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0412		mg/Kg		82	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0501		mg/Kg		100	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0292		mg/Kg		58	56 - 123
1,2-Dibromoethane	0.0500	0.0418		mg/Kg		84	70 - 125
1,2-Dichlorobenzene	0.0500	0.0445		mg/Kg		89	70 - 125
1,2-Dichloroethane	0.0500	0.0497		mg/Kg		99	68 - 127
1,2-Dichloropropane	0.0500	0.0469		mg/Kg		94	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0505		mg/Kg		101	70 - 123
1,3-Dichlorobenzene	0.0500	0.0477		mg/Kg		95	70 - 125
1,3-Dichloropropane	0.0500	0.0442		mg/Kg		88	62 - 136
1,4-Dichlorobenzene	0.0500	0.0475		mg/Kg		95	70 - 120
2,2-Dichloropropane	0.0500	0.0596		mg/Kg		119	58 - 139
2-Chlorotoluene	0.0500	0.0492		mg/Kg		98	70 - 125
4-Chlorotoluene	0.0500	0.0505		mg/Kg		101	68 - 124
Benzene	0.0500	0.0499		mg/Kg		100	70 - 120
Bromobenzene	0.0500	0.0414		mg/Kg		83	70 - 122
Bromochloromethane	0.0500	0.0456		mg/Kg		91	65 - 122
Bromodichloromethane	0.0500	0.0443		mg/Kg		89	69 - 120
Bromoform	0.0500	0.0324		mg/Kg		65	56 - 132
Bromomethane	0.0500	0.0541		mg/Kg		108	40 - 152
Carbon tetrachloride	0.0500	0.0512		mg/Kg		102	59 - 133
Chlorobenzene	0.0500	0.0500		mg/Kg		100	70 - 120
Chloroethane	0.0500	0.0514		mg/Kg		103	48 - 136
Chloroform	0.0500	0.0491		mg/Kg		98	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: LCS 500-601553/4
Matrix: Solid
Analysis Batch: 601553

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0500	0.0369		mg/Kg		74	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0488		mg/Kg		98	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0416		mg/Kg		83	64 - 127
Dibromochloromethane	0.0500	0.0365		mg/Kg		73	68 - 125
Dibromomethane	0.0500	0.0471		mg/Kg		94	70 - 120
Dichlorodifluoromethane	0.0500	0.0405		mg/Kg		81	40 - 159
Ethylbenzene	0.0500	0.0547		mg/Kg		109	70 - 123
Hexachlorobutadiene	0.0500	0.0496		mg/Kg		99	51 - 150
Isopropylbenzene	0.0500	0.0500		mg/Kg		100	70 - 126
Methyl tert-butyl ether	0.0500	0.0464		mg/Kg		93	55 - 123
Methylene Chloride	0.0500	0.0443		mg/Kg		89	69 - 125
Naphthalene	0.0500	0.0370		mg/Kg		74	53 - 144
n-Butylbenzene	0.0500	0.0548		mg/Kg		110	68 - 125
N-Propylbenzene	0.0500	0.0521		mg/Kg		104	69 - 127
p-Isopropyltoluene	0.0500	0.0536		mg/Kg		107	70 - 125
sec-Butylbenzene	0.0500	0.0528		mg/Kg		106	70 - 123
Styrene	0.0500	0.0486		mg/Kg		97	70 - 120
tert-Butylbenzene	0.0500	0.0505		mg/Kg		101	70 - 121
Tetrachloroethene	0.0500	0.0522		mg/Kg		104	70 - 128
Toluene	0.0500	0.0513		mg/Kg		103	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0399		mg/Kg		80	62 - 128
Trichloroethene	0.0500	0.0499		mg/Kg		100	70 - 125
Trichlorofluoromethane	0.0500	0.0460		mg/Kg		92	55 - 128
Vinyl chloride	0.0500	0.0444		mg/Kg		89	64 - 126
Xylenes, Total	0.100	0.114		mg/Kg		114	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		75 - 126
4-Bromofluorobenzene (Surr)	89		72 - 124
Dibromofluoromethane (Surr)	92		75 - 120
Toluene-d8 (Surr)	98		75 - 120

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

Lab Sample ID: MB 500-601664/1-A
Matrix: Solid
Analysis Batch: 601769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 601664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		06/01/21 08:12	06/01/21 16:33	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		06/01/21 08:12	06/01/21 16:33	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		06/01/21 08:12	06/01/21 16:33	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		06/01/21 08:12	06/01/21 16:33	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		06/01/21 08:12	06/01/21 16:33	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		06/01/21 08:12	06/01/21 16:33	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		06/01/21 08:12	06/01/21 16:33	1

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QC Sample Results

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

Job ID: 500-199313-1

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

Lab Sample ID: MB 500-601664/1-A
Matrix: Solid
Analysis Batch: 601769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 601664

<u>Surrogate</u>	<u>MB</u>	<u>MB</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Tetrachloro-m-xylene	99	Qualifier	49 - 129	06/01/21 08:12	06/01/21 16:33	1
DCB Decachlorobiphenyl	100	Qualifier	37 - 121	06/01/21 08:12	06/01/21 16:33	1

Lab Sample ID: LCS 500-601664/24-A
Matrix: Solid
Analysis Batch: 601769

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 601664

<u>Analyte</u>	<u>Spike</u>	<u>LCS</u>	<u>LCS</u>	<u>Unit</u>	<u>D</u>	<u>%Rec</u>	<u>%Rec.</u>	<u>Limits</u>
PCB-1016	0.167	0.175	Qualifier	mg/Kg	-	105	57 - 120	-
PCB-1260	0.167	0.180	Qualifier	mg/Kg	-	108	61 - 125	-

<u>Surrogate</u>	<u>LCS</u>	<u>LCS</u>	<u>Limits</u>
Tetrachloro-m-xylene	100	Qualifier	49 - 129
DCB Decachlorobiphenyl	103	Qualifier	37 - 121

Lab Chronicle

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-3 (1-2)

Date Collected: 05/18/21 12:00

Date Received: 05/19/21 09:20

Lab Sample ID: 500-199313-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	600712	05/25/21 11:10	LWN	TAL CHI

Client Sample ID: WB-RTS-3 (1-2)

Date Collected: 05/18/21 12:00

Date Received: 05/19/21 09:20

Lab Sample ID: 500-199313-1

Matrix: Solid

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			599859	05/18/21 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	601545	05/30/21 18:22	PMF	TAL CHI
Total/NA	Prep	3541			601664	06/01/21 08:12	BSO	TAL CHI
Total/NA	Analysis	8082A		1	601769	06/01/21 18:36	SS	TAL CHI

Client Sample ID: WB-RTS-4 (1-2)

Date Collected: 05/18/21 12:10

Date Received: 05/19/21 09:20

Lab Sample ID: 500-199313-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	600712	05/25/21 11:10	LWN	TAL CHI

Client Sample ID: WB-RTS-4 (1-2)

Date Collected: 05/18/21 12:10

Date Received: 05/19/21 09:20

Lab Sample ID: 500-199313-2

Matrix: Solid

Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			599859	05/18/21 12:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	601545	05/30/21 18:47	PMF	TAL CHI
Total/NA	Prep	3541			601664	06/01/21 08:12	BSO	TAL CHI
Total/NA	Analysis	8082A		1	601769	06/01/21 18:51	SS	TAL CHI

Client Sample ID: WB-RTS-5 (1-2)

Date Collected: 05/18/21 12:20

Date Received: 05/19/21 09:20

Lab Sample ID: 500-199313-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	600712	05/25/21 11:10	LWN	TAL CHI

Client Sample ID: WB-RTS-5 (1-2)

Date Collected: 05/18/21 12:20

Date Received: 05/19/21 09:20

Lab Sample ID: 500-199313-3

Matrix: Solid

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			599859	05/18/21 12:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	601553	05/31/21 18:26	PMF	TAL CHI
Total/NA	Prep	3541			601664	06/01/21 08:12	BSO	TAL CHI
Total/NA	Analysis	8082A		1	601769	06/01/21 19:07	SS	TAL CHI

Lab Chronicle

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

Job ID: 500-199313-1

Client Sample ID: WB-RTS-6 (1-2)

Lab Sample ID: 500-199313-4

Date Collected: 05/18/21 12:30

Matrix: Solid

Date Received: 05/19/21 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	600712	05/25/21 11:10	LWN	TAL CHI

Client Sample ID: WB-RTS-6 (1-2)

Lab Sample ID: 500-199313-4

Date Collected: 05/18/21 12:30

Matrix: Solid

Date Received: 05/19/21 09:20

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			599859	05/18/21 12:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	601553	05/31/21 18:54	PMF	TAL CHI
Total/NA	Prep	3541			601664	06/01/21 08:12	BSO	TAL CHI
Total/NA	Analysis	8082A		10	601835	06/02/21 09:16	JBj	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
Project/Site: Community Within the Corridor - 40443

Job ID: 500-199313-1

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

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

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-199313-1

Login Number: 199313

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

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	4.0
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	

