State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (R 02/20)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- ◯ Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- ◯ Aboveground Petroleum Storage Tank System
- ◯ Dry Cleaner Facility
- ◉ Other - Describe: Former Industrial Facility

ATTN DNR: **R & R Program Associate**

Date DNR Notified: 03/24/2021

1. Discharge Reported By

Name	Firm	Phone Number (include area code)
Robert Reineke	K. Singh & Associates, Inc.	(262) 821-1171

Mailing Address	Email
3636 North 124th Street, Wauwatosa, WI 53222	rreineke@ksinghengineering.com

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

Community Within the Corridor - West Block

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

3212 W. Center St., 2727 N. 32nd St., and 2758 N. 33rd St., Milwaukee, WI 53210

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

Milwaukee

County	Legal Description:	WTM:
Milwaukee	SW ¼ of NE ¼ Section 13 , Town 07 N, Range 21 ◉ E ◯ W	X 686524 Y 290491

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Community Within the Corridor Limited Partnership

☐ A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review DNR publication RR-055; and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using DNR Form 4400-237.

Contact Person Name (if different)	Phone Number	Email
Shane LaFave	(763) 285-8795	shane@roerscompanies.com

Mailing Address	City	State	ZIP Code
110 Cheshire Lane | Suite 120	Minnetonka	MN	55305

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email

Mailing Address	City	State	ZIP Code

(continued)

Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- [x] VOCs
  - [x] PCE
  - [x] TCE
  - [x] Other Chlorinated
  - [ ] Diesel
  - [ ] Fuel Oil
  - [ ] Gasoline
  - [ ] Hydraulic Oil
  - [ ] Jet Fuel
- *(VOCs continued)*
  - [ ] Mineral Oil
  - [ ] Waste Oil
  - [ ] Petroleum-Unknown Type
- [ ] PAHs
- [x] PCBs
- [ ] Cyanide
- [ ] Leachate
- [ ] Manure
- [ ] Metals
  - [ ] Arsenic
  - [ ] Chromium
  - [ ] Lead
  - [ ] Other: _____
- [ ] Pesticides: _____
- [ ] Fertilizer: _____
- [ ] RCRA Hazardous Waste: _____
- [ ] Other: _____
- [ ] Unknown

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- ____ Air Contamination
- ____ Co-mingled (Petroleum & Non-Petroleum)
- ____ Contamination in Fractured Bedrock
- ____ Contamination Within 1 Meter of Bedrock
- ____ Contaminated Private Well
- ____ Contaminated Public Well
- ____ Contamination in Right of Way
- ____ Fire Explosion Threat
- ____ Free Product
- P Groundwater Contamination
- ____ Off-Site Contamination
- ____ Sanitary Sewer Contamination
- ____ Storm Sewer Contamination
- ____ Sediment Contamination
- K Soil Contamination
- ____ Soil Gas Contamination
- K Sub-slab Vapor Contamination
- ____ Surface Water Contamination
- ____ Within 100 ft of Private Well
- ____ Within 1000 ft of Public Well

Other (specify): _____

Contamination was discovered as a result of:

- [ ] Tank closure assessment Date _____
- [x] Site assessment Date 03/19/2021
- [ ] Other - Describe: _____ Date _____

Lab results: [ ] Lab results will be faxed upon receipt [x] Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information:

[x] Does not apply.

Source

- [ ] Tank
- [ ] Piping
- [ ] Dispenser
- [ ] Submersible Turbine Pump
- [ ] Delivery Problem
- [ ] Other (specify): _____

Cause

- [ ] Spill
- [ ] Overfill
- [ ] Corrosion
- [ ] Physical or Mechanical Damage
- [ ] Installation Problem
- [ ] Other (does not fit any of above)
- [ ] Unknown

Submit this completed form along with any associate lab results using the RR Program Submittal Portal, found on the DNR website at https://dnr.wi.gov/topic/Brownfields/Submittal.html.

If you have any questions, please contact the appropriate regional Environmental Program Associate (EPA) listed under the "EPAs" tab at https://dnr.wi.gov/topic/Brownfields/Contact.html.

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

K. VANDERHEIDEN
K SINGH & ASSOCIATES
3636 N. 124TH STREET
MILWAUKEE. WI 53222

Report Date *11-Mar-21*

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121A
Sample ID WB-SS-1
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	14.1	ug/m3	0.299	0.95	1	TO-15		3/5/2021	CJR	1
Acrolein	0.44	ug/m3	0.094	0.299	1	TO-15		3/5/2021	CJR	1
Benzene	1.15	ug/m3	0.136	0.433	1	TO-15		3/5/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/5/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/5/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/5/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/5/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/5/2021	CJR	1
Carbon Disulfide	6.2	ug/m3	0.138	0.44	1	TO-15		3/5/2021	CJR	1
Carbon Tetrachloride	0.69 "J"	ug/m3	0.307	0.978	1	TO-15		3/5/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/5/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/5/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/5/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/5/2021	CJR	1
Cyclohexane	2.86	ug/m3	0.212	0.674	1	TO-15		3/5/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/5/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/5/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/5/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/5/2021	CJR	1
Dichlorodifluoromethane	3.8	ug/m3	0.263	0.836	1	TO-15		3/5/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/5/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/5/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/5/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/5/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/5/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121A
Sample ID WB-SS-1
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/5/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/5/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/5/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/5/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/5/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/5/2021	CJR	1
Ethanol	37	ug/m3	0.152	0.482	1	TO-15		3/5/2021	CJR	1
Ethyl Acetate	16.7	ug/m3	0.176	0.559	1	TO-15		3/5/2021	CJR	1
Ethylbenzene	0.82	ug/m3	0.203	0.645	1	TO-15		3/5/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/5/2021	CJR	1
Heptane	19.4	ug/m3	0.265	0.845	1	TO-15		3/5/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/5/2021	CJR	1
Hexane	8.7	ug/m3	0.235	0.748	1	TO-15		3/5/2021	CJR	1
2-Hexanone	0.74	ug/m3	0.222	0.707	1	TO-15		3/5/2021	CJR	1
Isopropyl Alcohol	7.3	ug/m3	0.109	0.347	1	TO-15		3/5/2021	CJR	1
Methyl ethyl ketone (MEK)	6.0	ug/m3	0.178	0.567	1	TO-15		3/5/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.98	ug/m3	0.168	0.536	1	TO-15		3/5/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/5/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/5/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/5/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/5/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/5/2021	CJR	1
Styrene	0.255 "J"	ug/m3	0.181	0.577	1	TO-15		3/5/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/5/2021	CJR	1
Tetrachloroethene	4.4	ug/m3	0.278	0.884	1	TO-15		3/5/2021	CJR	1
Tetrahydrofuran	0.85	ug/m3	0.131	0.417	1	TO-15		3/5/2021	CJR	1
Toluene	5.6	ug/m3	0.184	0.585	1	TO-15		3/5/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/5/2021	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		3/5/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/5/2021	CJR	1
Trichloroethene (TCE)	0.54 "J"	ug/m3	0.237	0.754	1	TO-15		3/5/2021	CJR	1
Trichlorofluoromethane	1.8	ug/m3	0.337	1.07	1	TO-15		3/5/2021	CJR	1
Trichlorotrifluoroethane	0.69 "J"	ug/m3	0.402	1.28	1	TO-15		3/5/2021	CJR	1
1,2,4-Trimethylbenzene	0.49 "J"	ug/m3	0.283	0.899	1	TO-15		3/5/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/5/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/5/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/5/2021	CJR	1
m&p-Xylene	1.39	ug/m3	0.377	1.2	1	TO-15		3/5/2021	CJR	1
o-Xylene	0.61 "J"	ug/m3	0.218	0.695	1	TO-15		3/5/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121B
Sample ID WB-SS-2
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	4.9	ug/m3	0.299	0.95	1	TO-15		3/5/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/5/2021	CJR	1
Benzene	1.79	ug/m3	0.136	0.433	1	TO-15		3/5/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/5/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/5/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/5/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/5/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/5/2021	CJR	1
Carbon Disulfide	0.59	ug/m3	0.138	0.44	1	TO-15		3/5/2021	CJR	1
Carbon Tetrachloride	0.5 "J"	ug/m3	0.307	0.978	1	TO-15		3/5/2021	CJR	1
Chlorobenzene	20.8	ug/m3	0.251	0.798	1	TO-15		3/5/2021	CJR	1
Chloroethane	2.77	ug/m3	0.159	0.507	1	TO-15		3/5/2021	CJR	1
Chloroform	0.34 "J"	ug/m3	0.3	0.953	1	TO-15		3/5/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/5/2021	CJR	1
Cyclohexane	4.1	ug/m3	0.212	0.674	1	TO-15		3/5/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/5/2021	CJR	1
1,4-Dichlorobenzene	1.62	ug/m3	0.302	0.96	1	TO-15		3/5/2021	CJR	1
1,3-Dichlorobenzene	0.42 "J"	ug/m3	0.302	0.96	1	TO-15		3/5/2021	CJR	1
1,2-Dichlorobenzene	16.1	ug/m3	0.235	0.749	1	TO-15		3/5/2021	CJR	1
Dichlorodifluoromethane	2.87	ug/m3	0.263	0.836	1	TO-15		3/5/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/5/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/5/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/5/2021	CJR	1
cis-1,2-Dichloroethene	0.75	ug/m3	0.197	0.626	1	TO-15		3/5/2021	CJR	1
trans-1,2-Dichloroethene	1.15	ug/m3	0.231	0.734	1	TO-15		3/5/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/5/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/5/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/5/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/5/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/5/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/5/2021	CJR	1
Ethanol	19.1	ug/m3	0.152	0.482	1	TO-15		3/5/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/5/2021	CJR	1
Ethylbenzene	17.1	ug/m3	0.203	0.645	1	TO-15		3/5/2021	CJR	1
4-Ethyltoluene	5.1	ug/m3	0.214	0.681	1	TO-15		3/5/2021	CJR	1
Heptane	4.7	ug/m3	0.265	0.845	1	TO-15		3/5/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/5/2021	CJR	1
Hexane	340	ug/m3	2.35	7.48	10	TO-15		3/9/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/5/2021	CJR	1
Isopropyl Alcohol	3.8	ug/m3	0.109	0.347	1	TO-15		3/5/2021	CJR	1
Methyl ethyl ketone (MEK)	2.18	ug/m3	0.178	0.567	1	TO-15		3/5/2021	CJR	1
Methyl isobutyl ketone (MIBK)	< 0.168	ug/m3	0.168	0.536	1	TO-15		3/5/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/5/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/5/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121B
Sample ID WB-SS-2
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/5/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/5/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/5/2021	CJR	1
Styrene	0.298 "J"	ug/m3	0.181	0.577	1	TO-15		3/5/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/5/2021	CJR	1
Tetrachloroethene	5.9	ug/m3	0.278	0.884	1	TO-15		3/5/2021	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		3/5/2021	CJR	1
Toluene	12.5	ug/m3	0.184	0.585	1	TO-15		3/5/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/5/2021	CJR	1
1,1,1-Trichloroethane	0.33 "J"	ug/m3	0.249	0.793	1	TO-15		3/5/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/5/2021	CJR	1
Trichloroethene (TCE)	1.77	ug/m3	0.237	0.754	1	TO-15		3/5/2021	CJR	1
Trichlorofluoromethane	1.69	ug/m3	0.337	1.07	1	TO-15		3/5/2021	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		3/5/2021	CJR	1
1,2,4-Trimethylbenzene	6.6	ug/m3	0.283	0.899	1	TO-15		3/5/2021	CJR	1
1,3,5-Trimethylbenzene	3.4	ug/m3	0.232	0.739	1	TO-15		3/5/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/5/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/5/2021	CJR	1
m&p-Xylene	15.7	ug/m3	0.377	1.2	1	TO-15		3/5/2021	CJR	1
o-Xylene	8.0	ug/m3	0.218	0.695	1	TO-15		3/5/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121C
Sample ID WB-SS-3
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	305	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	10
Acrolein	0.94	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	3.7	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	14.6	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	0.97	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	2.62	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	0.9 "J"	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	0.96	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	6.1	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.62	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	0.56 "J"	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	34	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	170	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	10
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	3.6	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	0.74	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	6.5	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	42	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	8.5	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	32	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	96	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	6.4	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121C
Sample ID WB-SS-3
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	13.3	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	0.298 "J"	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	10.6	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	0.91	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	21.2	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	118	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	0.96	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	1.29	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	3.9	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	6.1	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	1.82	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	7.4	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	3.12	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121D
Sample ID WB-SS-4
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	57	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	1.85	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	9.4	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	3.4	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	0.78 "J"	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	2.86	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.87	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	283	ug/m3	1.52	4.82	10	TO-15		3/9/2021	CJR	1
Ethyl Acetate	1.62	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	0.61 "J"	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	1.8	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	1.83	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	15.5	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	14.1	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.57	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121D
Sample ID WB-SS-4
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	24.7	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	1.24	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	6.8	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	6.5	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	380	ug/m3	2.37	7.54	10	TO-15		3/9/2021	CJR	1
Trichlorofluoromethane	3.3	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	2.07	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.44 "J"	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	2.17	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.87	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121E
Sample ID WB-SS-5
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	9.3	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	0.6	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	2.36	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	0.28 "J"	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	0.5 "J"	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	1.61 "J"	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	0.55 "J"	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.62	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	32	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	0.39 "J"	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	1.1	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	34	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	3.5	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	3.4	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	< 0.168	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121E
Sample ID WB-SS-5
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	127	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	6.4	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	3.6	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	1.12	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	1.29	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.283	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	1 "J"	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.43 "J"	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121F
Sample ID WB-SS-6
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	14.8	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	0.42 "J"	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	2.68	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	0.88 "J"	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	0.241 "J"	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.57	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	179	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	10
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	0.61 "J"	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	0.9	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	2.64	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	0.33 "J"	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	14.8	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	2.15	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.86	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121F
Sample ID WB-SS-6
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	80	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	5.2	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	1.25	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	2.13	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.64 "J"	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	1.17 "J"	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.52 "J"	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121G
Sample ID WB-SS-7
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	48	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	1.05	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	2.24	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	10.3	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	0.97	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	0.41 "J"	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.52	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	0.4 "J"	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	102	ug/m3	5.0616	16.0506	33	TO-15		3/10/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	0.65	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	1.92	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	1.62	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	1.43	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	25.5	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	12.9	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	1.88	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121G
Sample ID WB-SS-7
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	4700	ug/m3	9.2574	29.4372	33	TO-15		3/10/2021	CJR	1
Tetrahydrofuran	1.15	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	7.0	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	297	ug/m3	8.291699	26.4069	33	TO-15		3/10/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	111	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	7.8	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	3.8	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.83 "J"	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	1.56	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.74	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121H
Sample ID WB-SS-8
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	15.1	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	0.96	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	1.93	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.77	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	12.6	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	0.39 "J"	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	1.27	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	2.36	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	1.67	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	43	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.98	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121H
Sample ID WB-SS-8
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	5.9	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	12.2	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	23.2	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	3.9	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	0.86	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	1.97	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.54 "J"	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	0.74 "J"	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.35 "J"	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121I
Sample ID WB-SS-9
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	39	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	0.62	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	5.4	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	15.6	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	0.59 "J"	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.82	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	45	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	1
Ethyl Acetate	1.48	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	1.04	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	27.4	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	38	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	8.6	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	13.5	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	1.15	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121I
Sample ID WB-SS-9
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	0.213 "J"	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	9.6	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	2.59	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	11.7	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	1.41	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	2.89	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	1.74	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.44 "J"	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	0.46 "J"	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	1.21	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.65 "J"	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121J
Sample ID WB-SS-10
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	15.6	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	0.32 "J"	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	1.12	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.72	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	27.7	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	< 0.265	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	0.74 "J"	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	5.7	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	6.1	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.78	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121J
Sample ID WB-SS-10
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	12.8	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	9.8	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	5.4	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	0.92	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	3.7	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	7	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.49 "J"	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	0.56 "J"	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.303 "J"	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121K
Sample ID WB-SS-11
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	41	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	0.48	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	0.54 "J"	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	19.8	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	9	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	0.38 "J"	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.57	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	5.6	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	81	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	2.13	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	67	ug/m3	5.0616	16.0506	33	TO-15		3/10/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	0.39 "J"	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	2.55	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	0.65 "J"	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	1.2	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	1.6	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	15	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	8.6	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	1.96	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121K
Sample ID WB-SS-11
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	15.5	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	6.1	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	3300	ug/m3	3.291699	26.4069	33	TO-15		3/10/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	26.9	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	2.47	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	0.46 "J"	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	19.2	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	11.7	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	1 "J"	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	1	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121L
Sample ID WB-SS-12
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	71	ug/m3	0.299	0.95	1	TO-15		3/6/2021	CJR	1
Acrolein	0.76	ug/m3	0.094	0.299	1	TO-15		3/6/2021	CJR	1
Benzene	1.69	ug/m3	0.136	0.433	1	TO-15		3/6/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/6/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/6/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/6/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/6/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/6/2021	CJR	1
Carbon Disulfide	3.4	ug/m3	0.138	0.44	1	TO-15		3/6/2021	CJR	1
Carbon Tetrachloride	0.76 "J"	ug/m3	0.307	0.978	1	TO-15		3/6/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/6/2021	CJR	1
Chloroethane	0.84	ug/m3	0.159	0.507	1	TO-15		3/6/2021	CJR	1
Chloroform	0.44 "J"	ug/m3	0.3	0.953	1	TO-15		3/6/2021	CJR	1
Chloromethane	4.7	ug/m3	0.831	2.64	1	TO-15		3/6/2021	CJR	1
Cyclohexane	1.17	ug/m3	0.212	0.674	1	TO-15		3/6/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/6/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/6/2021	CJR	1
Dichlorodifluoromethane	2.37	ug/m3	0.263	0.836	1	TO-15		3/6/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/6/2021	CJR	1
1,1-Dichloroethene	0.277 "J"	ug/m3	0.21	0.668	1	TO-15		3/6/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/6/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/6/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/6/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/6/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/6/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/6/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/6/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/6/2021	CJR	1
Ethanol	83	ug/m3	0.152	0.482	1	TO-15		3/6/2021	CJR	10
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/6/2021	CJR	1
Ethylbenzene	1.17	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		3/6/2021	CJR	1
Heptane	4.5	ug/m3	0.265	0.845	1	TO-15		3/6/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/6/2021	CJR	1
Hexane	3.9	ug/m3	0.235	0.748	1	TO-15		3/6/2021	CJR	1
2-Hexanone	2.41	ug/m3	0.222	0.707	1	TO-15		3/6/2021	CJR	1
Isopropyl Alcohol	12.6	ug/m3	0.109	0.347	1	TO-15		3/6/2021	CJR	1
Methyl ethyl ketone (MEK)	17.4	ug/m3	0.178	0.567	1	TO-15		3/6/2021	CJR	1
Methyl isobutyl ketone (MIBK)	3.07	ug/m3	0.168	0.536	1	TO-15		3/6/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/6/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121L
Sample ID WB-SS-12
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/6/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/6/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/6/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/6/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/6/2021	CJR	1
Tetrachloroethene	3.5	ug/m3	0.278	0.884	1	TO-15		3/6/2021	CJR	1
Tetrahydrofuran	12.1	ug/m3	0.131	0.417	1	TO-15		3/6/2021	CJR	1
Toluene	12.9	ug/m3	0.184	0.585	1	TO-15		3/6/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/6/2021	CJR	1
1,1,1-Trichloroethane	34	ug/m3	0.249	0.793	1	TO-15		3/6/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/6/2021	CJR	1
Trichloroethene (TCE)	2.2	ug/m3	0.237	0.754	1	TO-15		3/6/2021	CJR	1
Trichlorofluoromethane	27.8	ug/m3	0.337	1.07	1	TO-15		3/6/2021	CJR	1
Trichlorotrifluoroethane	< 0.402	ug/m3	0.402	1.28	1	TO-15		3/6/2021	CJR	1
1,2,4-Trimethylbenzene	0.98	ug/m3	0.283	0.899	1	TO-15		3/6/2021	CJR	1
1,3,5-Trimethylbenzene	0.39 "J"	ug/m3	0.232	0.739	1	TO-15		3/6/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/6/2021	CJR	1
Vinyl Chloride	0.64	ug/m3	0.148	0.472	1	TO-15		3/6/2021	CJR	1
m&p-Xylene	1.95	ug/m3	0.377	1.2	1	TO-15		3/6/2021	CJR	1
o-Xylene	0.87	ug/m3	0.218	0.695	1	TO-15		3/6/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121M
Sample ID WB-SS-13
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	20.5	ug/m3	0.299	0.95	1	TO-15		3/9/2021	CJR	1
Acrolein	0.41	ug/m3	0.094	0.299	1	TO-15		3/9/2021	CJR	1
Benzene	1.18	ug/m3	0.136	0.433	1	TO-15		3/9/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/9/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/9/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/9/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/9/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/9/2021	CJR	1
Carbon Disulfide	0.218 "J"	ug/m3	0.138	0.44	1	TO-15		3/9/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/9/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/9/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/9/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/9/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/9/2021	CJR	1
Cyclohexane	1.45	ug/m3	0.212	0.674	1	TO-15		3/9/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/9/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/9/2021	CJR	1
1,3-Dichlorobenzene	0.36 "J"	ug/m3	0.302	0.96	1	TO-15		3/9/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/9/2021	CJR	1
Dichlorodifluoromethane	1.04	ug/m3	0.263	0.836	1	TO-15		3/9/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/9/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/9/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/9/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/9/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/9/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/9/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/9/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/9/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/9/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/9/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/9/2021	CJR	1
Ethanol	43	ug/m3	0.152	0.482	1	TO-15		3/9/2021	CJR	1
Ethyl Acetate	4.6	ug/m3	0.176	0.559	1	TO-15		3/9/2021	CJR	1
Ethylbenzene	0.87	ug/m3	0.203	0.645	1	TO-15		3/9/2021	CJR	1
4-Ethyltoluene	0.49 "J"	ug/m3	0.214	0.681	1	TO-15		3/9/2021	CJR	1
Heptane	5.7	ug/m3	0.265	0.845	1	TO-15		3/9/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/9/2021	CJR	1
Hexane	6.3	ug/m3	0.235	0.748	1	TO-15		3/9/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/9/2021	CJR	1
Isopropyl Alcohol	8.7	ug/m3	0.109	0.347	1	TO-15		3/9/2021	CJR	1
Methyl ethyl ketone (MEK)	6.7	ug/m3	0.178	0.567	1	TO-15		3/9/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.53 "J"	ug/m3	0.168	0.536	1	TO-15		3/9/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/9/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/9/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121M
Sample ID WB-SS-13
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/9/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/9/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/9/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		3/9/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/9/2021	CJR	1
Tetrachloroethene	1.09	ug/m3	0.278	0.884	1	TO-15		3/9/2021	CJR	1
Tetrahydrofuran	2.86	ug/m3	0.131	0.417	1	TO-15		3/9/2021	CJR	1
Toluene	9.1	ug/m3	0.184	0.585	1	TO-15		3/9/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/9/2021	CJR	1
1,1,1-Trichloroethane	7.9	ug/m3	0.249	0.793	1	TO-15		3/9/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/9/2021	CJR	1
Trichloroethene (TCE)	2.62	ug/m3	0.237	0.754	1	TO-15		3/9/2021	CJR	1
Trichlorofluoromethane	11.2	ug/m3	0.337	1.07	1	TO-15		3/9/2021	CJR	1
Trichlorotrifluoroethane	< 0.402	ug/m3	0.402	1.28	1	TO-15		3/9/2021	CJR	1
1,2,4-Trimethylbenzene	5.5	ug/m3	0.283	0.899	1	TO-15		3/9/2021	CJR	1
1,3,5-Trimethylbenzene	1.67	ug/m3	0.232	0.739	1	TO-15		3/9/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/9/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/9/2021	CJR	1
m&p-Xylene	1.91	ug/m3	0.377	1.2	1	TO-15		3/9/2021	CJR	1
o-Xylene	1.3	ug/m3	0.218	0.695	1	TO-15		3/9/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121N
Sample ID WB-SS-14
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	9.5	ug/m3	0.299	0.95	1	TO-15		3/9/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		3/9/2021	CJR	1
Benzene	0.86	ug/m3	0.136	0.433	1	TO-15		3/9/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		3/9/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		3/9/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		3/9/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		3/9/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		3/9/2021	CJR	1
Carbon Disulfide	2.18	ug/m3	0.138	0.44	1	TO-15		3/9/2021	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		3/9/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		3/9/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		3/9/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		3/9/2021	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		3/9/2021	CJR	1
Cyclohexane	3.3	ug/m3	0.212	0.674	1	TO-15		3/9/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		3/9/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/9/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		3/9/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		3/9/2021	CJR	1
Dichlorodifluoromethane	1.53	ug/m3	0.263	0.836	1	TO-15		3/9/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		3/9/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		3/9/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		3/9/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		3/9/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		3/9/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		3/9/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		3/9/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		3/9/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		3/9/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		3/9/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		3/9/2021	CJR	1
Ethanol	29.7	ug/m3	0.152	0.482	1	TO-15		3/9/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		3/9/2021	CJR	1
Ethylbenzene	3.9	ug/m3	0.203	0.645	1	TO-15		3/9/2021	CJR	1
4-Ethyltoluene	0.74	ug/m3	0.214	0.681	1	TO-15		3/9/2021	CJR	1
Heptane	11.8	ug/m3	0.265	0.845	1	TO-15		3/9/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		3/9/2021	CJR	1
Hexane	5.4	ug/m3	0.235	0.748	1	TO-15		3/9/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		3/9/2021	CJR	1
Isopropyl Alcohol	3.6	ug/m3	0.109	0.347	1	TO-15		3/9/2021	CJR	1
Methyl ethyl ketone (MEK)	6.2	ug/m3	0.178	0.567	1	TO-15		3/9/2021	CJR	1
Methyl isobutyl ketone (MIBK)	1.06	ug/m3	0.168	0.536	1	TO-15		3/9/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		3/9/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		3/9/2021	CJR	1

Project Name COMMUNITY WITHIN THE CORRIDOR **Invoice #** E39121
Project # 40420

Lab Code 5039121N
Sample ID WB-SS-14
Sample Matrix Air
Sample Date 3/2/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		3/9/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		3/9/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		3/9/2021	CJR	1
Styrene	0.213 "J"	ug/m3	0.181	0.577	1	TO-15		3/9/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		3/9/2021	CJR	1
Tetrachloroethene	4.6	ug/m3	0.278	0.884	1	TO-15		3/9/2021	CJR	1
Tetrahydrofuran	5.1	ug/m3	0.131	0.417	1	TO-15		3/9/2021	CJR	1
Toluene	12	ug/m3	0.184	0.585	1	TO-15		3/9/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		3/9/2021	CJR	1
1,1,1-Trichloroethane	1.69	ug/m3	0.249	0.793	1	TO-15		3/9/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		3/9/2021	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		3/9/2021	CJR	1
Trichlorofluoromethane	18.2	ug/m3	0.337	1.07	1	TO-15		3/9/2021	CJR	1
Trichlorotrifluoroethane	< 0.402	ug/m3	0.402	1.28	1	TO-15		3/9/2021	CJR	1
1,2,4-Trimethylbenzene	8.7	ug/m3	0.283	0.899	1	TO-15		3/9/2021	CJR	1
1,3,5-Trimethylbenzene	3.3	ug/m3	0.232	0.739	1	TO-15		3/9/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		3/9/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		3/9/2021	CJR	1
m&p-Xylene	13.9	ug/m3	0.377	1.2	1	TO-15		3/9/2021	CJR	1
o-Xylene	7.7	ug/m3	0.218	0.695	1	TO-15		3/9/2021	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
10	Linear range of calibration curve exceeded.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # No 3767

Page 1 of 2

Sample Handling Request

____ Rush Analysis Date Required: _____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #

QUOTE # :

Project #: 40420

Sampler: (signature)

Project (Name / Location): Community within the Corridor / Milwaukee

Reports To: K. VanderHeiden	Invoice To: Accounts Payable
Company K. Singh & Associates, Inc.	Company K. Singh & Associates, Inc.
Address 3636 N. 124th Street	Address 3636 N. 124th St
City State Zip Wauwatosa, WI 53222	City State Zip Wauwatosa, WI 53222
Phone 262-821-1171	Phone 262-821-1171
Email kvanderheiden@ksinghengineering.com	Email ap@ksinghengineering.com

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID
5039121 A	WB-SS-1	3/2	10:46	N	1	A	N/A														X		
B	WB-SS-2	3/2	10:46	N	1	A	N/A														X		
C	WB-SS-3	3/2	11:06	N	1	A	N/A														X		
D	WB-SS-4	3/2	12:18	N	1	A	N/A														X		
E	WB-SS-5	3/2	12:09	N	1	A	N/A														X		
F	WB-SS-6	3/2	11:28	N	1	A	N/A														X		
G	WB-SS-7	3/2	11:48	N	1	A	N/A														X		
H	WB-SS-8	3/2	14:48	N	1	A	N/A														X		
I	WB-SS-9	3/2	14:51	N	1	A	N/A														X		
J	WB-SS-10	3/2	14:29	N	1	A	N/A														X		
K	WB-SS-11	3/2	13:08	N	1	A	N/A														X		
L	WB-SS-12	3/2	14:02	N	1	A	N/A														X		

Analysis Requested **Other Analysis**

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: CS

Temp. of Temp. Blank: _____ °C On Ice: _____

Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	1600	3/2/21			

Received in Laboratory By: Time: 8:00 Date: 3/3/21

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # No 3767

Sample Handling Request
___ Rush Analysis Date Required: ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #
QUOTE # :
Project #: 40420
Sampler: (signature)

Project (Name / Location): Community Within the Corridor Limited Partnership

Reports To: K. Vander Heiden	Invoice To: Accounts Payable
Company K. Singh & Associates, Inc.	Company K. Singh & Associates, Inc.
Address 3636 N. 124th St	Address 3636 N 124th St
City State Zip Wauwatosa, WI 53222	City State Zip Wauwatosa, WI 53222
Phone 262-821-1171	Phone 262-821-1171
Email KVanderHeiden@KSinghengineering.com	Email ap@KSinghengineering.com

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS							PID/ FID
5039121 M	WB-SS-13	3/2	1335	N	1	A	N/A														X								
N	WB-SS-14	3/2	1311	N	1	A	N/A														X								

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: CS
Temp. of Temp. Blank: ____ °C On Ice: ____
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	1600	3/2/21			

Received in Laboratory By: Time: 8:00 Date: 3/3/21

eurofins | Environment Testing America

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

Table of Contents

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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 1.1º 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
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

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: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

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: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

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
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-195469-1	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**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(49-129)	(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

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 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.50	2.62		mg/Kg		105	70 - 125
1,1,1-Trichloroethane	2.50	2.75		mg/Kg		110	70 - 125
1,1,2,2-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

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

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 Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.023		2.98	2.69		mg/Kg	☼	90	70 - 125
1,1,2,2-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

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 Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
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

Surrogate	*MS %Recovery*	*MS 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 Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
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
1,1,2,2-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

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 Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD 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 %Recovery*	*MSD Qualifier*	*Limits*
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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			03/04/21 11:02	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			03/04/21 11:02	1
1,1,2,2-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

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

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
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 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	0.0480		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

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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.167	0.157		mg/Kg		94	57 - 120		
PCB-1260			0.167	0.168		mg/Kg		101	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.167	0.123		mg/Kg		74	57 - 120		
PCB-1260			0.167	0.130		mg/Kg		78	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*49 - 129*
DCB Decachlorobiphenyl	*87*		*37 - 121*

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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

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')
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

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')
Lab Sample ID: 500-195469-2
Date Collected: 03/01/21 16:00
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	Analysis	Moisture		1	587087	03/03/21 13:49	LWN	TAL CHI

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

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')
Lab Sample ID: 500-195469-3
Date Collected: 03/01/21 15:50
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-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

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
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

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
Job ID: 500-195469-1
Project/Site: Community Within the Corridor - 40420

Laboratory: Eurofins TestAmerica, Chicago

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

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

KSingh | Engineers Scientists Consultants

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-195469

500-195469 COC

Sample Collector(s)	Title	Telephone # (incl area code)	Report To
Kyle Vander Heiden	Staff Geologist	(262) 821-1171	Kyle Vander Heiden & Robert Reineke
Property Owner	**Property Address**	**Telephone # (incl area code)**	**KSingh Project #**
Community Within the Corridor Limited Partnership	2748 N 32nd Street Milwaukee WI 53208	N/A	40420

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

Relinquished By (Signature)	Date/Time	Received By (Signature)	Temperature Blank
	3/2/21 @ 0900		If samples were received on ice and there was ice remaining you may report the temperature as "received on ice" If all of the ice was melted the temperature of the melt may be substituted for the temperature blank.
Relinquished By (Signature)	Date/Time	Received By (Signature)	
	3-2-21 17.00	Stephanie Hernandez ETA-CHI 3/3/21 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

Sample Condition temp: 1.1

	Date Collected	Time Collected	Samples Type (1)	Samples Device	Location/Description (2)	8260B VOC	PCBs									# / Type of Container MeOH	--	--	Unpres	--- Other Comment
1	3/1/2021	1620	S	Auger	WB-SS-2(0'-1')	X										1			1	
2	3/1/2021	1600	S	Auger	WB-SS-6(0-1')	X	X									1			2	
3	3/1/2021	1550	S	Auger	WB-SS-8(0-1')	X										1			1	
4	3/1/2021	1525	S	Auger	WB-SS-12(0'-1')	X										1			1	
5	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

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

DEPARTMENT USE ONLY

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

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-195469-1

Login Number: 195469
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1
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	

eurofins | Environment Testing TestAmerica

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

Sandie Fredrick

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

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

Table of Contents

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 5.9º 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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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.

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.

Detection Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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

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.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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

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

Client Sample ID: 40392-B-2 (4'-6')
Date Collected: 04/10/20 10:40
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-2
Matrix: Solid
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

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

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

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

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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 ID: 40392-B-4 (4'-6')
Date Collected: 04/10/20 14:40
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-4
Matrix: Solid
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 ID: 40392-B-5 (3'-5')
Date Collected: 04/10/20 15:05
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-5
Matrix: Solid
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

Client Sample ID: 40392-B-5 (3'-5')
Date Collected: 04/10/20 15:05
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-5
Matrix: Solid
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

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

Client Sample ID: 40392-B-6 (3'-5')
Date Collected: 04/10/20 15:25
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-6
Matrix: Solid
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

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

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

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 ID: 40392-B-8 (9'-11')
Date Collected: 04/10/20 14:20
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-8
Matrix: Solid
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-Dichloropropene	<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

Client Sample ID: 40392-B-8 (9'-11')
Date Collected: 04/10/20 14:20
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-8
Matrix: Solid
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*

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
1,1,2,2-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

Client Sample ID: 40392-B-9 (4'-6')
Date Collected: 04/10/20 16:00
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-9
Matrix: Solid
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*

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

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

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

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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.
¤	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)

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	

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

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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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 (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	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)

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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)
500-180587-5	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

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 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.50	2.81		mg/Kg		112	70 - 125
1,1,1-Trichloroethane	2.50	2.59		mg/Kg		104	70 - 125
1,1,2,2-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

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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
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

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

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
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	<0.0020		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

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
1,1,2,2-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

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

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
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

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
1,1,2,2-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

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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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	%Rec. Limits
1-Methylnaphthalene	1.33	1.30		mg/Kg		98	68 - 111
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 %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*104*		*43 - 145*
Nitrobenzene-d5 (Surr)	*95*		*37 - 147*
Terphenyl-d14 (Surr)	*122*		*42 - 157*

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
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

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 %Recovery*	*LCS Qualifier*	*Limits*
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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
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 Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.167	0.178		mg/Kg		107	57 - 120		
PCB-1260			0.167	0.180		mg/Kg		108	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
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 Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
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 %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*49 - 129*
DCB Decachlorobiphenyl	*113*		*37 - 121*

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 Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
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

Surrogate	*MSD %Recovery*	*MSD 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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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
Arsenic	10.0	9.20		mg/Kg		92	80 - 120
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 Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
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

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 Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
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 Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.172		mg/Kg		103	80 - 120

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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

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')

Date Collected: 04/10/20 15:05
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-5

Matrix: Solid
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')

Date Collected: 04/10/20 15:25
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-6

Matrix: Solid

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')

Date Collected: 04/10/20 15:25
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-6

Matrix: Solid
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')

Date Collected: 04/10/20 13:10
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-7

Matrix: Solid

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')

Date Collected: 04/10/20 13:10
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180587-7

Matrix: Solid
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

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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
Job ID: 500-180587-1
Project/Site: Community Within the Corridor - 40392

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

KSingh | Engineers Scientists Consultants

500-180587 COC

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-180587

Sample Collector(s)		Telephone # (incl. area code)	Report To
Kyle Vander Heiden	Staff Geologist	(262) 821-1171	Robert Reineke
Property Owner	**Property Address**	**Telephone # (incl. area code)**	**KSingh Project #**
Community Witnin the Corridor	West Center Street & North 32nd Street, Milwaukee, WI	N/A	40392
I hereby certify that I received, properly, and disposed of the samples as noted below		Laboratory Name: TestAmerica	
Relinquished By (Signature)	Date/Time: 4/13/20 | 12:00	Received By (Signature)	Temperature Blank: 5.9
Relinquished By (Signature)	Date/Time: 4-13-20 1700	Received By (Signature) 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.
2 Sample description must clearly correlate the sample I.D. to the sampling location

	Date Collected	Time Collected	Samples: Type (1)	Samples: Device	Location/Description (2)	VOCs	PAHs	RCRA Metals	PCBs	SVOCs/PAHs	Pesticides	Herbicides	Sample Condition: # / Type of Container: MeOH	HCL	H2SO4	Unpres.	Other Comment
1	4/10/20	1110	Soil	GP	40392-B-1 (5.5'-7.5')	X	X	X					1			2	
2	4/10/20	1040	Soil	GP	40392-B-2 (4'-6')	X	X	X					1			2	
3	4/10/20	0950	Soil	GP	40392-B-3 (4'-6')	X	X	X					1			2	
4	4/10/20	1440	Soil	GP	40392-B-4 (4'-6')	X	X	X					1			2	
5	4/10/20	1505	Soil	GP	40392-B-5 (3'-5')	X	X	X	X				1			2	
6	4/10/20	1525	Soil	GP	40392-B-6 (3'-5')	X	X	X					1			2	
7	4/10/20	1310	Soil	GP	40392-B-7 (3'-5')	X	X	X					1			2	
8	4/10/20	1420	Soil	GP	40392-B-8 (9'-11')	X	X	X	X				1			2	
9	4/10/20	1600	Soil	GP	40392-B-9 (4'-6')	X	X	X					1			2	
10	4/10/20	1650	Soil	GP	40392-B-12 (3.5'-5.5')	X	X	X					1			2	

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES

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

DEPARTMENT USE ONLY

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

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

4/27/2020

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-180587-1

Login Number: 180587
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.9
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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

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

Laboratory Job ID: 500-180588-1
Client Project/Site: Community Within the Corridor - 40392

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

Attn: Mr. Robert Reineke

Sandie Fredrick

Authorized for release by:
4/27/2020 1:55:58 PM

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

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Case Narrative

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Job ID: 500-180588-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-180588-1

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 5.9º C.

GC/MS VOA
Method 8260B: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory: 40392-TW-3 (500-180588-1).

Method 8260B: The following sample was diluted due to the abundance of target and non-target analytes: 40392-TW-3 (500-180588-1). Elevated reporting limits (RLs) are provided.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS associated with 538844: 1,2-Dibromo-3-Chloropropane . This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.40392-TW-3 (500-180588-1) and 40392-TB (500-180588-2)

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

GC/MS Semi VOA
Method 8270D: The following sample required a dilution due to the nature of the sample matrix: 40392-TW-3 (500-180588-1). 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 8270D: The following sample was diluted due to the nature of the sample matrix: 40392-TW-3 (500-180588-1). Elevated reporting limits (RLs) are provided.

Method 8270D: The continuing calibration verification (CCVIS) associated with batch 500-538708 recovered above the upper control limit for the surrogate 2,4,6-Tribromophenol. The samples associated with this CCV were within the QC limits for the affected analyte; therefore, the data have been reported.

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

Metals
Method 3005A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 40392-TW-3 (500-180588-1). The reporting limits (RLs) have been adjusted proportionately.

Method 6020A: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample: 40392-TW-3 (500-180588-1).

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

Organic Prep
Method 8270D: Due to the matrix, the following sample(s) could not be concentrated to the final method required volume: 500-180588-1. The reporting limits (RLs) are elevated proportionately.

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
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-TW-3
Lab Sample ID: 500-180588-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	120		50	21	ug/L	50		8260B	Total/NA
1,2,4-Trimethylbenzene	6800		50	18	ug/L	50		8260B	Total/NA
1,3,5-Trimethylbenzene	2700		50	13	ug/L	50		8260B	Total/NA
Benzene	170		25	7.3	ug/L	50		8260B	Total/NA
Chloroethane	35	J	50	25	ug/L	50		8260B	Total/NA
cis-1,2-Dichloroethene	200		50	20	ug/L	50		8260B	Total/NA
Ethylbenzene	1500		25	9.2	ug/L	50		8260B	Total/NA
Isopropylbenzene	410		50	19	ug/L	50		8260B	Total/NA
Naphthalene	680	B	50	17	ug/L	50		8260B	Total/NA
n-Butylbenzene	1800		50	19	ug/L	50		8260B	Total/NA
N-Propylbenzene	850		50	21	ug/L	50		8260B	Total/NA
p-Isopropyltoluene	970		50	18	ug/L	50		8260B	Total/NA
sec-Butylbenzene	730		50	20	ug/L	50		8260B	Total/NA
tert-Butylbenzene	77		50	20	ug/L	50		8260B	Total/NA
Toluene	80		25	7.6	ug/L	50		8260B	Total/NA
Xylenes, Total	3500		50	11	ug/L	50		8260B	Total/NA
1-Methylnaphthalene	2900	J	3200	480	ug/L	400		8270D	Total/NA
2-Methylnaphthalene	4400		3200	100	ug/L	400		8270D	Total/NA
Naphthalene	13000		1600	490	ug/L	400		8270D	Total/NA
Phenanthrene	1100	J	1600	480	ug/L	400		8270D	Total/NA
Arsenic	420		50	12	ug/L	5		6020A	Dissolved
Barium	1300		25	7.3	ug/L	1		6020A	Dissolved
Cadmium	16		5.0	1.7	ug/L	1		6020A	Dissolved
Chromium	610		250	57	ug/L	5		6020A	Dissolved
Lead	1800		5.0	1.9	ug/L	1		6020A	Dissolved
Silver	1.9	J	5.0	1.2	ug/L	1		6020A	Dissolved
Mercury	1.0		1.0	0.49	ug/L	1		7470A	Dissolved

Client Sample ID: 40392-TB
Lab Sample ID: 500-180588-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6020A	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
7470A	Preparation, Mercury	SW846	TAL CHI
FILTRATION	Sample Filtration	None	TAL CHI

Protocol References:

None = None

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
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-180588-1	40392-TW-3	Ground Water	04/10/20 18:00	04/14/20 09:40	
500-180588-2	40392-TB	Water	04/10/20 00:00	04/14/20 09:40	

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

Job ID: 500-180588-1

Client Sample ID: 40392-TW-3
Date Collected: 04/10/20 18:00
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180588-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/L			04/20/20 20:19	50
1,1,1-Trichloroethane	<19		50	19	ug/L			04/20/20 20:19	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/L			04/20/20 20:19	50
1,1,2-Trichloroethane	<18		50	18	ug/L			04/20/20 20:19	50
1,1-Dichloroethane	**120**		50	21	ug/L			04/20/20 20:19	50
1,1-Dichloroethene	<20		50	20	ug/L			04/20/20 20:19	50
1,1-Dichloropropene	<15		50	15	ug/L			04/20/20 20:19	50
1,2,3-Trichlorobenzene	<23		50	23	ug/L			04/20/20 20:19	50
1,2,3-Trichloropropane	<21		100	21	ug/L			04/20/20 20:19	50
1,2,4-Trichlorobenzene	<17		50	17	ug/L			04/20/20 20:19	50
1,2,4-Trimethylbenzene	**6800**		50	18	ug/L			04/20/20 20:19	50
1,2-Dibromo-3-Chloropropane	<100	*	250	100	ug/L			04/20/20 20:19	50
1,2-Dibromoethane	<19		50	19	ug/L			04/20/20 20:19	50
1,2-Dichlorobenzene	<17		50	17	ug/L			04/20/20 20:19	50
1,2-Dichloroethane	<20		50	20	ug/L			04/20/20 20:19	50
1,2-Dichloropropane	<21		50	21	ug/L			04/20/20 20:19	50
1,3,5-Trimethylbenzene	**2700**		50	13	ug/L			04/20/20 20:19	50
1,3-Dichlorobenzene	<20		50	20	ug/L			04/20/20 20:19	50
1,3-Dichloropropane	<18		50	18	ug/L			04/20/20 20:19	50
1,4-Dichlorobenzene	<18		50	18	ug/L			04/20/20 20:19	50
2,2-Dichloropropane	<22		50	22	ug/L			04/20/20 20:19	50
2-Chlorotoluene	<16		50	16	ug/L			04/20/20 20:19	50
4-Chlorotoluene	<17		50	17	ug/L			04/20/20 20:19	50
Benzene	**170**		25	7.3	ug/L			04/20/20 20:19	50
Bromobenzene	<18		50	18	ug/L			04/20/20 20:19	50
Bromochloromethane	<21		50	21	ug/L			04/20/20 20:19	50
Bromodichloromethane	<19		50	19	ug/L			04/20/20 20:19	50
Bromoform	<24		50	24	ug/L			04/20/20 20:19	50
Bromomethane	<40		150	40	ug/L			04/20/20 20:19	50
Carbon tetrachloride	<19		50	19	ug/L			04/20/20 20:19	50
Chlorobenzene	<19		50	19	ug/L			04/20/20 20:19	50
Chloroethane	**35**	**J**	50	25	ug/L			04/20/20 20:19	50
Chloroform	<19		100	19	ug/L			04/20/20 20:19	50
Chloromethane	<16		50	16	ug/L			04/20/20 20:19	50
cis-1,2-Dichloroethene	**200**		50	20	ug/L			04/20/20 20:19	50
cis-1,3-Dichloropropene	<21		50	21	ug/L			04/20/20 20:19	50
Dibromochloromethane	<24		50	24	ug/L			04/20/20 20:19	50
Dibromomethane	<14		50	14	ug/L			04/20/20 20:19	50
Dichlorodifluoromethane	<34		150	34	ug/L			04/20/20 20:19	50
Ethylbenzene	**1500**		25	9.2	ug/L			04/20/20 20:19	50
Hexachlorobutadiene	<22		50	22	ug/L			04/20/20 20:19	50
Isopropyl ether	<14		50	14	ug/L			04/20/20 20:19	50
Isopropylbenzene	**410**		50	19	ug/L			04/20/20 20:19	50
Methyl tert-butyl ether	<20		50	20	ug/L			04/20/20 20:19	50
Methylene Chloride	<82		250	82	ug/L			04/20/20 20:19	50
Naphthalene	**680**	**B**	50	17	ug/L			04/20/20 20:19	50
n-Butylbenzene	**1800**		50	19	ug/L			04/20/20 20:19	50
N-Propylbenzene	**850**		50	21	ug/L			04/20/20 20:19	50
p-Isopropyltoluene	**970**		50	18	ug/L			04/20/20 20:19	50

Client Sample ID: 40392-TW-3
Date Collected: 04/10/20 18:00
Date Received: 04/14/20 09:40

Lab Sample ID: 500-180588-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	**730**		50	20	ug/L			04/20/20 20:19	50
Styrene	<19		50	19	ug/L			04/20/20 20:19	50
tert-Butylbenzene	**77**		50	20	ug/L			04/20/20 20:19	50
Tetrachloroethene	<19		50	19	ug/L			04/20/20 20:19	50
Toluene	**80**		25	7.6	ug/L			04/20/20 20:19	50
trans-1,2-Dichloroethene	<17		50	17	ug/L			04/20/20 20:19	50
trans-1,3-Dichloropropene	<18		50	18	ug/L			04/20/20 20:19	50
Trichloroethene	<8.2		25	8.2	ug/L			04/20/20 20:19	50
Trichlorofluoromethane	<21		50	21	ug/L			04/20/20 20:19	50
Vinyl chloride	<10		50	10	ug/L			04/20/20 20:19	50
Xylenes, Total	**3500**		50	11	ug/L			04/20/20 20:19	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*04/20/20 20:19*	*50*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*04/20/20 20:19*	*50*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*04/20/20 20:19*	*50*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/20 20:19*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**2900**	**J**	3200	480	ug/L		04/15/20 08:21	04/18/20 06:41	400
2-Methylnaphthalene	**4400**		3200	100	ug/L		04/15/20 08:21	04/18/20 06:41	400
Acenaphthene	<490		1600	490	ug/L		04/15/20 08:21	04/18/20 06:41	400
Acenaphthylene	<420		1600	420	ug/L		04/15/20 08:21	04/18/20 06:41	400
Anthracene	<530		1600	530	ug/L		04/15/20 08:21	04/18/20 06:41	400
Benzo[a]anthracene	<89		320	89	ug/L		04/15/20 08:21	04/18/20 06:41	400
Benzo[a]pyrene	<160		320	160	ug/L		04/15/20 08:21	04/18/20 06:41	400
Benzo[b]fluoranthene	<130		320	130	ug/L		04/15/20 08:21	04/18/20 06:41	400
Benzo[g,h,i]perylene	<590		1600	590	ug/L		04/15/20 08:21	04/18/20 06:41	400
Benzo[k]fluoranthene	<100		320	100	ug/L		04/15/20 08:21	04/18/20 06:41	400
Chrysene	<110		320	110	ug/L		04/15/20 08:21	04/18/20 06:41	400
Dibenz(a,h)anthracene	<80		470	80	ug/L		04/15/20 08:21	04/18/20 06:41	400
Fluoranthene	<720		1600	720	ug/L		04/15/20 08:21	04/18/20 06:41	400
Fluorene	<390		1600	390	ug/L		04/15/20 08:21	04/18/20 06:41	400
Indeno[1,2,3-cd]pyrene	<120		320	120	ug/L		04/15/20 08:21	04/18/20 06:41	400
Naphthalene	**13000**		1600	490	ug/L		04/15/20 08:21	04/18/20 06:41	400
Phenanthrene	**1100**	**J**	1600	480	ug/L		04/15/20 08:21	04/18/20 06:41	400
Pyrene	<670		1600	670	ug/L		04/15/20 08:21	04/18/20 06:41	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*0*	*D*	*34 - 110*	*04/15/20 08:21*	*04/18/20 06:41*	*400*
Nitrobenzene-d5 (Surr)	*0*	*D*	*36 - 120*	*04/15/20 08:21*	*04/18/20 06:41*	*400*
Terphenyl-d14 (Surr)	*0*	*D*	*40 - 145*	*04/15/20 08:21*	*04/18/20 06:41*	*400*

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**420**		50	12	ug/L		04/15/20 17:05	04/17/20 14:33	5
Barium	**1300**		25	7.3	ug/L		04/15/20 17:05	04/16/20 17:03	1
Cadmium	**16**		5.0	1.7	ug/L		04/15/20 17:05	04/16/20 17:03	1
Chromium	**610**		250	57	ug/L		04/15/20 17:05	04/17/20 14:33	5

Client Sample ID: 40392-TW-3
Lab Sample ID: 500-180588-1
Date Collected: 04/10/20 18:00
Matrix: Ground Water
Date Received: 04/14/20 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1800**		5.0	1.9	ug/L		04/15/20 17:05	04/16/20 17:03	1
Selenium	<49		130	49	ug/L		04/15/20 17:05	04/17/20 14:33	5
Silver	**1.9**	**J**	5.0	1.2	ug/L		04/15/20 17:05	04/16/20 17:03	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.0**		1.0	0.49	ug/L		04/16/20 09:50	04/17/20 08:55	1

Client Sample ID: 40392-TB
Lab Sample ID: 500-180588-2
Date Collected: 04/10/20 00:00
Matrix: Water
Date Received: 04/14/20 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/20 14:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/20 14:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/20 14:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/20 14:01	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/20 14:01	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/20 14:01	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/20 14:01	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/20 14:01	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/20 14:01	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/20 14:01	1
1,2-Dibromo-3-Chloropropane	<2.0	*	5.0	2.0	ug/L			04/20/20 14:01	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/20 14:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/20 14:01	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/20 14:01	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/20 14:01	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/20 14:01	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/20 14:01	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/20 14:01	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/20 14:01	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/20 14:01	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/20 14:01	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/20 14:01	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/20 14:01	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/20 14:01	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/20 14:01	1
Bromomethane	<0.80		3.0	0.80	ug/L			04/20/20 14:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/20 14:01	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/20 14:01	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/20 14:01	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/20 14:01	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/20 14:01	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/20 14:01	1

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-TB
Lab Sample ID: 500-180588-2
Date Collected: 04/10/20 00:00
Matrix: Water
Date Received: 04/14/20 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/20 14:01	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/20 14:01	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/20 14:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/20 14:01	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/20 14:01	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/20/20 14:01	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/20 14:01	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/20 14:01	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/20 14:01	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/20 14:01	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/20 14:01	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/20 14:01	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/20 14:01	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/20 14:01	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/20 14:01	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/20 14:01	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/20 14:01	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/20 14:01	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/20 14:01	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/20 14:01	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/20 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*04/20/20 14:01*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*04/20/20 14:01*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*04/20/20 14:01*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*04/20/20 14:01*	*1*

Definitions/Glossary

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD 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.

GC/MS 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.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)

GC/MS VOA

Analysis Batch: 538844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Total/NA	Ground Water	8260B	
500-180588-2	40392-TB	Total/NA	Water	8260B	
MB 500-538844/7	Method Blank	Total/NA	Water	8260B	
LCS 500-538844/5	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 538178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Total/NA	Ground Water	3510C	
MB 500-538178/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-538178/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-538178/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 538277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-538178/1-A	Method Blank	Total/NA	Water	8270D	538178
LCS 500-538178/2-A	Lab Control Sample	Total/NA	Water	8270D	538178
LCSD 500-538178/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	538178

Analysis Batch: 538708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Total/NA	Ground Water	8270D	538178

Metals

Filtration Batch: 538162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Dissolved	Ground Water	FILTRATION	
MB 500-538162/1-C	Method Blank	Dissolved	Water	FILTRATION	
MB 500-538162/1-D	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 538289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Dissolved	Ground Water	3005A	538162
MB 500-538162/1-C	Method Blank	Dissolved	Water	3005A	538162
LCS 500-538289/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 538434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Dissolved	Ground Water	7470A	538162
MB 500-538162/1-D	Method Blank	Dissolved	Water	7470A	538162
MB 500-538434/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-538434/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 538648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Dissolved	Ground Water	6020A	538289
MB 500-538162/1-C	Method Blank	Dissolved	Water	6020A	538289
LCS 500-538289/2-A	Lab Control Sample	Total Recoverable	Water	6020A	538289

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Metals

Analysis Batch: 538649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Dissolved	Ground Water	7470A	538434
MB 500-538162/1-D	Method Blank	Dissolved	Water	7470A	538434
MB 500-538434/12-A	Method Blank	Total/NA	Water	7470A	538434
LCS 500-538434/13-A	Lab Control Sample	Total/NA	Water	7470A	538434

Analysis Batch: 538698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-180588-1	40392-TW-3	Dissolved	Ground Water	6020A	538289
MB 500-538162/1-C	Method Blank	Dissolved	Water	6020A	538289
LCS 500-538289/2-A	Lab Control Sample	Total Recoverable	Water	6020A	538289

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-180588-1	40392-TW-3	86	97	99	98

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-180588-2	40392-TB	88	108	100	97
LCS 500-538844/5	Lab Control Sample	82	92	103	91
MB 500-538844/7	Method Blank	88	108	103	93

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: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-180588-1	40392-TW-3	0 D	0 D	0 D

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
LCS 500-538178/2-A	Lab Control Sample	70	66	87
LCSD 500-538178/3-A	Lab Control Sample Dup	72	66	95
MB 500-538178/1-A	Method Blank	63	58	88

Surrogate Legend

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

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

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

Lab Sample ID: MB 500-538844/7
Matrix: Water
Analysis Batch: 538844

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	<0.46		1.0	0.46	ug/L			04/20/20 13:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/20 13:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/20 13:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/20 13:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/20 13:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/20 13:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/20 13:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/20 13:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/20 13:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/20 13:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/20 13:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/20 13:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/20 13:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/20 13:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/20 13:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/20 13:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/20 13:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/20 13:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/20 13:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/20 13:11	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/20 13:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/20 13:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/20 13:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/20 13:11	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/20 13:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			04/20/20 13:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/20 13:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/20 13:11	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/20 13:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/20 13:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/20 13:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/20 13:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/20 13:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/20 13:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/20 13:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/20 13:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/20 13:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/20/20 13:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/20 13:11	1
Naphthalene	0.470	J	1.0	0.34	ug/L			04/20/20 13:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/20 13:11	1

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

Lab Sample ID: MB 500-538844/7
Matrix: Water
Analysis Batch: 538844

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/20 13:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/20 13:11	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/20 13:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/20 13:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/20 13:11	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/20 13:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/20 13:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/20 13:11	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/20 13:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/20 13:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/20 13:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/20 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*04/20/20 13:11*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*04/20/20 13:11*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*04/20/20 13:11*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*04/20/20 13:11*	*1*

Lab Sample ID: LCS 500-538844/5
Matrix: Water
Analysis Batch: 538844

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	50.0	47.5		ug/L		95	70 - 125
1,1,1-Trichloroethane	50.0	54.5		ug/L		109	70 - 125
1,1,2,2-Tetrachloroethane	50.0	42.1		ug/L		84	62 - 140
1,1,2-Trichloroethane	50.0	42.6		ug/L		85	71 - 130
1,1-Dichloroethane	50.0	47.0		ug/L		94	70 - 125
1,1-Dichloroethene	50.0	50.5		ug/L		101	67 - 122
1,1-Dichloropropene	50.0	48.5		ug/L		97	70 - 121
1,2,3-Trichlorobenzene	50.0	41.3		ug/L		83	51 - 145
1,2,3-Trichloropropane	50.0	41.9		ug/L		84	50 - 133
1,2,4-Trichlorobenzene	50.0	41.9		ug/L		84	57 - 137
1,2,4-Trimethylbenzene	50.0	44.4		ug/L		89	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	27.0	*	ug/L		54	56 - 123
1,2-Dibromoethane	50.0	45.3		ug/L		91	70 - 125
1,2-Dichlorobenzene	50.0	46.0		ug/L		92	70 - 125
1,2-Dichloroethane	50.0	41.2		ug/L		82	68 - 127
1,2-Dichloropropane	50.0	45.0		ug/L		90	67 - 130
1,3,5-Trimethylbenzene	50.0	45.8		ug/L		92	70 - 123
1,3-Dichlorobenzene	50.0	46.9		ug/L		94	70 - 125
1,3-Dichloropropane	50.0	42.8		ug/L		86	62 - 136
1,4-Dichlorobenzene	50.0	45.7		ug/L		91	70 - 120
2,2-Dichloropropane	50.0	49.8		ug/L		100	58 - 139
2-Chlorotoluene	50.0	42.7		ug/L		85	70 - 125
4-Chlorotoluene	50.0	43.2		ug/L		86	68 - 124
Benzene	50.0	46.8		ug/L		94	70 - 120

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

Lab Sample ID: LCS 500-538844/5
Matrix: Water
Analysis Batch: 538844

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	46.8		ug/L		94	70 - 122
Bromochloromethane	50.0	54.8		ug/L		110	65 - 122
Bromodichloromethane	50.0	44.2		ug/L		88	69 - 120
Bromoform	50.0	43.6		ug/L		87	56 - 132
Bromomethane	50.0	65.9		ug/L		132	40 - 152
Carbon tetrachloride	50.0	52.3		ug/L		105	59 - 133
Chlorobenzene	50.0	48.8		ug/L		98	70 - 120
Chloroethane	50.0	52.0		ug/L		104	48 - 136
Chloroform	50.0	48.1		ug/L		96	70 - 120
Chloromethane	50.0	52.6		ug/L		105	56 - 152
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	70 - 125
cis-1,3-Dichloropropene	50.0	38.7		ug/L		77	64 - 127
Dibromochloromethane	50.0	44.2		ug/L		88	68 - 125
Dibromomethane	50.0	47.2		ug/L		94	70 - 120
Dichlorodifluoromethane	50.0	43.9		ug/L		88	40 - 159
Ethylbenzene	50.0	50.0		ug/L		100	70 - 123
Hexachlorobutadiene	50.0	46.2		ug/L		92	51 - 150
Isopropylbenzene	50.0	45.4		ug/L		91	70 - 126
Methyl tert-butyl ether	50.0	42.8		ug/L		86	55 - 123
Methylene Chloride	50.0	49.0		ug/L		98	69 - 125
Naphthalene	50.0	38.0		ug/L		76	53 - 144
n-Butylbenzene	50.0	44.6		ug/L		89	68 - 125
N-Propylbenzene	50.0	45.3		ug/L		91	69 - 127
p-Isopropyltoluene	50.0	46.7		ug/L		93	70 - 125
sec-Butylbenzene	50.0	46.8		ug/L		94	70 - 123
Styrene	50.0	46.7		ug/L		93	70 - 120
tert-Butylbenzene	50.0	45.4		ug/L		91	70 - 121
Tetrachloroethene	50.0	49.6		ug/L		99	70 - 128
Toluene	50.0	43.0		ug/L		86	70 - 125
trans-1,2-Dichloroethene	50.0	53.4		ug/L		107	70 - 125
trans-1,3-Dichloropropene	50.0	38.7		ug/L		77	62 - 128
Trichloroethene	50.0	51.9		ug/L		104	70 - 125
Trichlorofluoromethane	50.0	50.9		ug/L		102	55 - 128
Vinyl chloride	50.0	57.3		ug/L		115	64 - 126
Xylenes, Total	100	90.4		ug/L		90	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 120*
Toluene-d8 (Surr)	*91*		*75 - 120*

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

Lab Sample ID: MB 500-538178/1-A
Matrix: Water
Analysis Batch: 538277

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		04/15/20 08:21	04/16/20 01:21	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		04/15/20 08:21	04/16/20 01:21	1
Acenaphthene	<0.25		0.80	0.25	ug/L		04/15/20 08:21	04/16/20 01:21	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		04/15/20 08:21	04/16/20 01:21	1
Anthracene	<0.27		0.80	0.27	ug/L		04/15/20 08:21	04/16/20 01:21	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		04/15/20 08:21	04/16/20 01:21	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		04/15/20 08:21	04/16/20 01:21	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		04/15/20 08:21	04/16/20 01:21	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		04/15/20 08:21	04/16/20 01:21	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		04/15/20 08:21	04/16/20 01:21	1
Chrysene	<0.055		0.16	0.055	ug/L		04/15/20 08:21	04/16/20 01:21	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		04/15/20 08:21	04/16/20 01:21	1
Fluoranthene	<0.36		0.80	0.36	ug/L		04/15/20 08:21	04/16/20 01:21	1
Fluorene	<0.20		0.80	0.20	ug/L		04/15/20 08:21	04/16/20 01:21	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		04/15/20 08:21	04/16/20 01:21	1
Naphthalene	<0.25		0.80	0.25	ug/L		04/15/20 08:21	04/16/20 01:21	1
Phenanthrene	<0.24		0.80	0.24	ug/L		04/15/20 08:21	04/16/20 01:21	1
Pyrene	<0.34		0.80	0.34	ug/L		04/15/20 08:21	04/16/20 01:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*34 - 110*	*04/15/20 08:21*	*04/16/20 01:21*	*1*
Nitrobenzene-d5 (Surr)	*58*		*36 - 120*	*04/15/20 08:21*	*04/16/20 01:21*	*1*
Terphenyl-d14 (Surr)	*88*		*40 - 145*	*04/15/20 08:21*	*04/16/20 01:21*	*1*

Lab Sample ID: LCS 500-538178/2-A
Matrix: Water
Analysis Batch: 538277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	32.0	18.1		ug/L		57	38 - 110
2-Methylnaphthalene	32.0	18.5		ug/L		58	34 - 110
Acenaphthene	32.0	21.2		ug/L		66	46 - 110
Acenaphthylene	32.0	23.1		ug/L		72	47 - 113
Anthracene	32.0	27.4		ug/L		86	67 - 118
Benzo[a]anthracene	32.0	26.5		ug/L		83	70 - 126
Benzo[a]pyrene	32.0	28.2		ug/L		88	70 - 135
Benzo[b]fluoranthene	32.0	27.1		ug/L		85	69 - 136
Benzo[g,h,i]perylene	32.0	30.0		ug/L		94	70 - 135
Benzo[k]fluoranthene	32.0	24.2		ug/L		75	70 - 133
Chrysene	32.0	27.5		ug/L		86	68 - 129
Dibenz(a,h)anthracene	32.0	26.7		ug/L		83	70 - 134
Fluoranthene	32.0	30.6		ug/L		96	68 - 126
Fluorene	32.0	23.5		ug/L		73	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	27.4		ug/L		86	65 - 133
Naphthalene	32.0	18.7		ug/L		58	36 - 110
Phenanthrene	32.0	26.8		ug/L		84	65 - 120
Pyrene	32.0	26.8		ug/L		84	70 - 126

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

Lab Sample ID: LCS 500-538178/2-A
Matrix: Water
Analysis Batch: 538277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538178

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	70		34 - 110
Nitrobenzene-d5 (Surr)	66		36 - 120
Terphenyl-d14 (Surr)	87		40 - 145

Lab Sample ID: LCSD 500-538178/3-A
Matrix: Water
Analysis Batch: 538277

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 538178

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			32.0	15.4		ug/L		48	38 - 110	16	20
2-Methylnaphthalene			32.0	15.9		ug/L		50	34 - 110	15	20
Acenaphthene			32.0	19.1		ug/L		60	46 - 110	10	20
Acenaphthylene			32.0	21.3		ug/L		66	47 - 113	8	20
Anthracene			32.0	29.3		ug/L		92	67 - 118	7	20
Benzo[a]anthracene			32.0	28.1		ug/L		88	70 - 126	6	20
Benzo[a]pyrene			32.0	29.6		ug/L		92	70 - 135	5	20
Benzo[b]fluoranthene			32.0	28.0		ug/L		88	69 - 136	4	20
Benzo[g,h,i]perylene			32.0	31.7		ug/L		99	70 - 135	6	20
Benzo[k]fluoranthene			32.0	26.4		ug/L		83	70 - 133	9	20
Chrysene			32.0	29.4		ug/L		92	68 - 129	7	20
Dibenz(a,h)anthracene			32.0	28.2		ug/L		88	70 - 134	5	20
Fluoranthene			32.0	31.9		ug/L		100	68 - 126	4	20
Fluorene			32.0	23.2		ug/L		72	53 - 120	1	20
Indeno[1,2,3-cd]pyrene			32.0	29.2		ug/L		91	65 - 133	6	20
Naphthalene			32.0	16.7		ug/L		52	36 - 110	11	20
Phenanthrene			32.0	27.9		ug/L		87	65 - 120	4	20
Pyrene			32.0	27.8		ug/L		87	70 - 126	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	72		34 - 110
Nitrobenzene-d5 (Surr)	66		36 - 120
Terphenyl-d14 (Surr)	95		40 - 145

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 500-538289/2-A
Matrix: Water
Analysis Batch: 538648

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 538289

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Barium			500	466		ug/L		93	80 - 120		
Cadmium			50.0	46.0		ug/L		92	80 - 120		
Lead			100	97.8		ug/L		98	80 - 120		
Silver			50.0	48.0		ug/L		96	80 - 120		

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-538289/2-A
Matrix: Water
Analysis Batch: 538698

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 538289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	91.0		ug/L		91	80 - 120
Chromium	200	196		ug/L		98	80 - 120
Selenium	100	94.5		ug/L		94	80 - 120

Lab Sample ID: MB 500-538162/1-C
Matrix: Water
Analysis Batch: 538648

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 538289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.73		2.5	0.73	ug/L		04/15/20 17:05	04/16/20 16:59	1
Cadmium	<0.17		0.50	0.17	ug/L		04/15/20 17:05	04/16/20 16:59	1
Lead	<0.19		0.50	0.19	ug/L		04/15/20 17:05	04/16/20 16:59	1
Silver	<0.12		0.50	0.12	ug/L		04/15/20 17:05	04/16/20 16:59	1

Lab Sample ID: MB 500-538162/1-C
Matrix: Water
Analysis Batch: 538698

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 538289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.23		1.0	0.23	ug/L		04/15/20 17:05	04/17/20 14:30	1
Chromium	<1.1		5.0	1.1	ug/L		04/15/20 17:05	04/17/20 14:30	1
Selenium	<0.98		2.5	0.98	ug/L		04/15/20 17:05	04/17/20 14:30	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-538434/12-A
Matrix: Water
Analysis Batch: 538649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		04/16/20 09:50	04/17/20 08:12	1

Lab Sample ID: LCS 500-538434/13-A
Matrix: Water
Analysis Batch: 538649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	2.03		ug/L		101	80 - 120

Lab Sample ID: MB 500-538162/1-D
Matrix: Water
Analysis Batch: 538649

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 538434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		04/16/20 09:50	04/17/20 08:54	1

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-TW-3
Lab Sample ID: 500-180588-1
Date Collected: 04/10/20 18:00
Matrix: Ground Water
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	8260B		50	538844	04/20/20 20:19	JDD	TAL CHI
Total/NA	Prep	3510C			538178	04/15/20 08:21	BSO	TAL CHI
Total/NA	Analysis	8270D		400	538708	04/18/20 06:41	SS	TAL CHI
Dissolved	Filtration	FILTRATION			538162	04/15/20 07:45	LMN	TAL CHI
Dissolved	Prep	3005A			538289	04/15/20 17:05	BDE	TAL CHI
Dissolved	Analysis	6020A		1	538648	04/16/20 17:03	FXG	TAL CHI
Dissolved	Filtration	FILTRATION			538162	04/15/20 07:45	LMN	TAL CHI
Dissolved	Prep	3005A			538289	04/15/20 17:05	BDE	TAL CHI
Dissolved	Analysis	6020A		5	538698	04/17/20 14:33	FXG	TAL CHI
Dissolved	Filtration	FILTRATION			538162	04/15/20 07:45	LMN	TAL CHI
Dissolved	Prep	7470A			538434	04/16/20 09:50	MJG	TAL CHI
Dissolved	Analysis	7470A		1	538649	04/17/20 08:55	MJG	TAL CHI

Client Sample ID: 40392-TB
Lab Sample ID: 500-180588-2
Date Collected: 04/10/20 00:00
Matrix: Water
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	8260B		1	538844	04/20/20 14:01	JDD	TAL CHI

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

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Job ID: 500-180588-1
Project/Site: Community Within the Corridor - 40392

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

KSingh | Engineers Scientists Consultants

500-180588 COC

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-180588

Sample Collector(s)	Title	Telephone # (incl. area code)	Report To
Kyle Vander Heiden	Staff Geologist	(262) 821-1171	Robert Reineke
Property Owner	**Property Address**	**Telephone # (incl. area code)**	**KSingh Project #**
Community Within the Corridor	West Center Street & North 32nd Street, Milwaukee, WI	N/A	40392

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

Laboratory Name: TestAmerica

Relinquished By (Signature)	Date/Time	Received By (Signature)	Temperature Blank: 5.9
	4/13/20 | 12:00		If samples were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for the temperature blank.
Relinquished By (Signature)	Date/Time	Received By (Signature)	
	4-13-20 1700	4/14/20 0940	

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

Date Collected	Time Collected	Samples: Type (1)	Samples: Device	Location/Description (2)	VOCs	PAHs	Dissolved RCRA Metals	Sample Condition: # / Type of Container: MeOH	HCL	H2SO4	Unpres.	Other Comment
4/10/20	1800	GW	bailer	40392-TW-3	X	X	X		3		2	
4/10/20	N/A	GW	N/A	40392-TB								1

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES

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

DEPARTMENT USE ONLY

Split Samples: Offered ☐ Y ☐ N — Accepted ☐ Y ☐ N
Accepted By: _____ Signature

lab to filter RCRA Metals groundwater sample (Diss)
Soil near groundwater collection registered over 500 PPM on PID.

4/27/2020

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-180588-1

Login Number: 180588
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.9
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 500-181124-1
Client Project/Site: Community Within the Corridor - 40392

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

Attn: Kyle Vander Heiden

Sandie Fredrick

Authorized for release by:
5/6/2020 3:15:55 PM

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

Table of Contents

Case Narrative

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Job ID: 500-181124-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-181124-1

Comments
No additional comments.

Receipt
The samples were received on 4/24/2020 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. 40392-B-10 (3'-4') (500-181124-1) and 40392-B-11 (2'-3') (500-181124-2)

Method 8260B: The laboratory control sample (LCS) for 540650 recovered outside control limits for Bromomethane. This was the daily instrument LCS. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.40392-B-10 (3'-4') (500-181124-1) and 40392-B-11 (2'-3') (500-181124-2)

Method 8260B: Methylene chloride was detected in the following samples: 40392-B-10 (3'-4') (500-181124-1) and 40392-B-11 (2'-3') (500-181124-2). The method blank associated with this sample was non-detect for Methylene chloride. Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could possibly be lab contamination.

Method 8260B: The laboratory control sample (LCS) for 540382 recovered outside control limits for several analytes. This is a prepped 5035 LCS. These analytes were biased high in tis LCS and were not detected in the associated samples; therefore, the data have been reported.40392-B-10 (3'-4') (500-181124-1) and 40392-B-11 (2'-3') (500-181124-2)

Method 8260B: The matrix spike duplicate (MSD) for the following samples was analyzed outside the 12 hour tune window.40392-B-11 (2'-3') (500-181124-2) No further action was taken,

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 8081A: The %RPD between the primary and confirmation column exceeded 40% for cis-Chlordane for the following sample: 40392-B-10 (3'-4') (500-181124-1). The lower has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for Dieldrin and Endosulfan I for the following sample: 40392-B-11 (2'-3') (500-181124-2). The lower has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The continuing calibration verification (CCVIS) 500-540700/5 was outside the method criteria for DCB Decachlorobiphenyl on the Pest 2 column. The Pest 1 column recovered within control limits; therefore, the data has been reported.

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
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-B-10 (3'-4')
Lab Sample ID: 500-181124-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.29	J *	0.49	0.16	mg/Kg	50	☼	8260B	Total/NA
Anthracene	0.016	J	0.035	0.0059	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.074		0.035	0.0048	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.11		0.035	0.0069	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.16		0.035	0.0077	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.062		0.035	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.050		0.035	0.010	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.094		0.035	0.0097	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.18		0.035	0.0066	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.0054	J	0.035	0.0050	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.054		0.035	0.0092	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.078		0.035	0.0049	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.15		0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.0013	J	0.0018	0.00029	mg/Kg	1	☼	8081A	Total/NA
cis-Chlordane	0.0012	J	0.0018	0.00089	mg/Kg	1	☼	8081A	Total/NA
trans-Chlordane	0.00096	J	0.0018	0.00046	mg/Kg	1	☼	8081A	Total/NA
Arsenic	1.8		0.93	0.32	mg/Kg	1	☼	6010B	Total/NA
Barium	15		0.93	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.22	B	0.19	0.033	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.5		0.93	0.46	mg/Kg	1	☼	6010B	Total/NA
Lead	6.9		0.46	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 40392-B-11 (2'-3')
Lab Sample ID: 500-181124-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.28		0.096	0.034	mg/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.11		0.096	0.037	mg/Kg	50	☼	8260B	Total/NA
Benzene	0.055		0.024	0.014	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.080		0.024	0.018	mg/Kg	50	☼	8260B	Total/NA
Methylene Chloride	0.27	J *	0.48	0.16	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	0.69	B	0.096	0.032	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.048	J	0.096	0.040	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.38		0.024	0.014	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	0.81		0.048	0.021	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	0.27		0.071	0.0086	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.39		0.071	0.0065	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.087		0.035	0.0059	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.36		0.035	0.0048	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.39		0.035	0.0068	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.59		0.035	0.0076	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.18		0.035	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.21		0.035	0.010	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.24		0.18	0.065	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.45		0.035	0.0096	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.055		0.035	0.0068	mg/Kg	1	☼	8270D	Total/NA
Dibenzofuran	0.11	J	0.18	0.041	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.84		0.035	0.0066	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.16		0.035	0.0092	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.23		0.035	0.0054	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.65		0.035	0.0049	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.68		0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 40392-B-11 (2'-3') (Continued)
Lab Sample ID: 500-181124-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0030		0.0018	0.00030	mg/Kg	1	☼	8081A	Total/NA
beta-BHC	0.023		0.0018	0.00055	mg/Kg	1	☼	8081A	Total/NA
Dieldrin	0.0036		0.0018	0.00024	mg/Kg	1	☼	8081A	Total/NA
PCB-1254	0.11		0.018	0.0038	mg/Kg	1	☼	8082A	Total/NA
Arsenic	16		0.95	0.32	mg/Kg	1	☼	6010B	Total/NA
Barium	42		0.95	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.82	B	0.19	0.034	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		0.95	0.47	mg/Kg	1	☼	6010B	Total/NA
Lead	53		0.47	0.22	mg/Kg	1	☼	6010B	Total/NA
Silver	0.22	J	0.47	0.12	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.050		0.017	0.0057	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8081A	Organochlorine Pesticides (GC)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
8151A	Herbicides (GC)	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
8151A	Extraction (Herbicides)	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
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-181124-1	40392-B-10 (3'-4')	Solid	04/23/20 10:05	04/24/20 09:30	
500-181124-2	40392-B-11 (2'-3')	Solid	04/23/20 11:10	04/24/20 09:30	

Client Sample ID: 40392-B-10 (3'-4')
Date Collected: 04/23/20 10:05
Date Received: 04/24/20 09:30

Lab Sample ID: 500-181124-1
Matrix: Solid
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.045		0.098	0.045	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,1,1-Trichloroethane	<0.037		0.098	0.037	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,1,2,2-Tetrachloroethane	<0.039		0.098	0.039	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,1,2-Trichloroethane	<0.035		0.098	0.035	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,1-Dichloroethane	<0.040		0.098	0.040	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,1-Dichloroethene	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,1-Dichloropropene	<0.029		0.098	0.029	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2,3-Trichlorobenzene	<0.045		0.098	0.045	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2,3-Trichloropropane	<0.041		0.20	0.041	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2,4-Trichlorobenzene	<0.034		0.098	0.034	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2,4-Trimethylbenzene	<0.035		0.098	0.035	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2-Dibromo-3-Chloropropane	<0.20		0.49	0.20	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2-Dibromoethane	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2-Dichlorobenzene	<0.033		0.098	0.033	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2-Dichloroethane	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,2-Dichloropropane	<0.042		0.098	0.042	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,3,5-Trimethylbenzene	<0.037		0.098	0.037	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,3-Dichlorobenzene	<0.039		0.098	0.039	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,3-Dichloropropane	<0.035		0.098	0.035	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
1,4-Dichlorobenzene	<0.036		0.098	0.036	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
2,2-Dichloropropane	<0.044		0.098	0.044	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
2-Chlorotoluene	<0.031		0.098	0.031	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
4-Chlorotoluene	<0.034		0.098	0.034	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Benzene	<0.014		0.025	0.014	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Bromobenzene	<0.035		0.098	0.035	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Bromochloromethane	<0.042	*	0.098	0.042	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Bromodichloromethane	<0.036		0.098	0.036	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Bromoform	<0.047		0.098	0.047	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Bromomethane	<0.078	*	0.29	0.078	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Carbon tetrachloride	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Chlorobenzene	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Chloroethane	<0.049	*	0.098	0.049	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Chloroform	<0.036		0.20	0.036	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Chloromethane	<0.031		0.098	0.031	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
cis-1,2-Dichloroethene	<0.040		0.098	0.040	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
cis-1,3-Dichloropropene	<0.041		0.098	0.041	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Dibromochloromethane	<0.048		0.098	0.048	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Dibromomethane	<0.026	*	0.098	0.026	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Dichlorodifluoromethane	<0.066		0.29	0.066	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Ethylbenzene	<0.018		0.025	0.018	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Hexachlorobutadiene	<0.044		0.098	0.044	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Isopropyl ether	<0.027		0.098	0.027	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Isopropylbenzene	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Methyl tert-butyl ether	<0.039	*	0.098	0.039	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Methylene Chloride	**0.29**	**J ***	0.49	0.16	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Naphthalene	<0.033		0.098	0.033	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
n-Butylbenzene	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
N-Propylbenzene	<0.041		0.098	0.041	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
p-Isopropyltoluene	<0.035		0.098	0.035	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-B-10 (3'-4')
Lab Sample ID: 500-181124-1
Date Collected: 04/23/20 10:05
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.039		0.098	0.039	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Styrene	<0.038		0.098	0.038	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
tert-Butylbenzene	<0.039		0.098	0.039	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Tetrachloroethene	<0.036		0.098	0.036	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Toluene	<0.014		0.025	0.014	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
trans-1,2-Dichloroethene	<0.034		0.098	0.034	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
trans-1,3-Dichloropropene	<0.035		0.098	0.035	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Trichloroethene	<0.016		0.049	0.016	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Trichlorofluoromethane	<0.042		0.098	0.042	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Vinyl chloride	<0.026		0.098	0.026	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50
Xylenes, Total	<0.022		0.049	0.022	mg/Kg	☼	04/25/20 18:30	05/01/20 17:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*04/25/20 18:30*	*05/01/20 17:48*	*50*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*	*04/25/20 18:30*	*05/01/20 17:48*	*50*
Dibromofluoromethane (Surr)	*102*		*75 - 120*	*04/25/20 18:30*	*05/01/20 17:48*	*50*
Toluene-d8 (Surr)	*103*		*75 - 120*	*04/25/20 18:30*	*05/01/20 17:48*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
1,2-Dichlorobenzene	<0.042		0.18	0.042	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
1,3-Dichlorobenzene	<0.040		0.18	0.040	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
1,4-Dichlorobenzene	<0.045		0.18	0.045	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
1-Methylnaphthalene	<0.0087		0.071	0.0087	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,2'-oxybis[1-chloropropane]	<0.041		0.18	0.041	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,4,5-Trichlorophenol	<0.081		0.35	0.081	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,4,6-Trichlorophenol	<0.12		0.35	0.12	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,4-Dichlorophenol	<0.084		0.35	0.084	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,4-Dimethylphenol	<0.13		0.35	0.13	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,4-Dinitrophenol	<0.62		0.71	0.62	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,4-Dinitrotoluene	<0.056		0.18	0.056	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2,6-Dinitrotoluene	<0.070		0.18	0.070	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2-Chloronaphthalene	<0.039		0.18	0.039	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2-Chlorophenol	<0.061		0.18	0.061	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2-Methylnaphthalene	<0.0065		0.071	0.0065	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2-Methylphenol	<0.057		0.18	0.057	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2-Nitroaniline	<0.048		0.18	0.048	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
2-Nitrophenol	<0.084		0.35	0.084	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
3 & 4 Methylphenol	<0.059		0.18	0.059	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
3,3'-Dichlorobenzidine	<0.050		0.18	0.050	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
3-Nitroaniline	<0.11		0.35	0.11	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4,6-Dinitro-2-methylphenol	<0.28		0.71	0.28	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4-Bromophenyl phenyl ether	<0.047		0.18	0.047	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4-Chloro-3-methylphenol	<0.12		0.35	0.12	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4-Chloroaniline	<0.17		0.71	0.17	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4-Chlorophenyl phenyl ether	<0.041		0.18	0.041	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4-Nitroaniline	<0.15		0.35	0.15	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
4-Nitrophenol	<0.34		0.71	0.34	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Acenaphthene	<0.0064		0.035	0.0064	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1

Client Sample ID: 40392-B-10 (3'-4')
Date Collected: 04/23/20 10:05
Date Received: 04/24/20 09:30

Lab Sample ID: 500-181124-1
Matrix: Solid
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<0.0047		0.035	0.0047	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Anthracene	**0.016**	**J**	0.035	0.0059	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzo[a]anthracene	**0.074**		0.035	0.0048	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzo[a]pyrene	**0.11**		0.035	0.0069	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzo[b]fluoranthene	**0.16**		0.035	0.0077	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzo[g,h,i]perylene	**0.062**		0.035	0.011	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzo[k]fluoranthene	**0.050**		0.035	0.010	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzoic acid	<0.35		1.8	0.35	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Benzyl alcohol	<0.35		0.71	0.35	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Bis(2-chloroethoxy)methane	<0.036		0.18	0.036	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Bis(2-chloroethyl)ether	<0.053		0.18	0.053	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Bis(2-ethylhexyl) phthalate	<0.065		0.18	0.065	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Butyl benzyl phthalate	<0.067		0.18	0.067	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Carbazole	<0.089		0.18	0.089	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Chrysene	**0.094**		0.035	0.0097	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Dibenz(a,h)anthracene	<0.0069		0.035	0.0069	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Dibenzofuran	<0.042		0.18	0.042	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Diethyl phthalate	<0.060		0.18	0.060	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Dimethyl phthalate	<0.046		0.18	0.046	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Di-n-butyl phthalate	<0.054		0.18	0.054	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Di-n-octyl phthalate	<0.058		0.18	0.058	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Fluoranthene	**0.18**		0.035	0.0066	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Fluorene	**0.0054**	**J**	0.035	0.0050	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Hexachlorobenzene	<0.0082		0.071	0.0082	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Hexachlorobutadiene	<0.056		0.18	0.056	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Hexachlorocyclopentadiene	<0.20		0.71	0.20	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Hexachloroethane	<0.054		0.18	0.054	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Indeno[1,2,3-cd]pyrene	**0.054**		0.035	0.0092	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Isophorone	<0.040		0.18	0.040	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Naphthalene	<0.0055		0.035	0.0055	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Nitrobenzene	<0.0088		0.035	0.0088	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
N-Nitrosodi-n-propylamine	<0.043		0.071	0.043	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
N-Nitrosodiphenylamine	<0.042		0.18	0.042	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Pentachlorophenol	<0.57		0.71	0.57	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Phenanthrene	**0.078**		0.035	0.0049	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Phenol	<0.079		0.18	0.079	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1
Pyrene	**0.15**		0.035	0.0070	mg/Kg	☼	04/30/20 16:33	05/01/20 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*31 - 143*	*04/30/20 16:33*	*05/01/20 12:46*	*1*
2-Fluorobiphenyl (Surr)	*89*		*43 - 145*	*04/30/20 16:33*	*05/01/20 12:46*	*1*
2-Fluorophenol (Surr)	*101*		*31 - 166*	*04/30/20 16:33*	*05/01/20 12:46*	*1*
Nitrobenzene-d5 (Surr)	*72*		*37 - 147*	*04/30/20 16:33*	*05/01/20 12:46*	*1*
Phenol-d5 (Surr)	*90*		*30 - 153*	*04/30/20 16:33*	*05/01/20 12:46*	*1*
Terphenyl-d14 (Surr)	*93*		*42 - 157*	*04/30/20 16:33*	*05/01/20 12:46*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00035		0.0018	0.00035	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
4,4'-DDE	**0.0013**	**J**	0.0018	0.00029	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1

Client Sample ID: 40392-B-10 (3'-4')
Date Collected: 04/23/20 10:05
Date Received: 04/24/20 09:30

Lab Sample ID: 500-181124-1
Matrix: Solid
Percent Solids: 92.4

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	<0.00093		0.0018	0.00093	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Aldrin	<0.00073		0.0018	0.00073	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
alpha-BHC	<0.00045		0.0018	0.00045	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
cis-Chlordane	**0.0012**	**J**	0.0018	0.00089	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
beta-BHC	<0.00055		0.0018	0.00055	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
delta-BHC	<0.00056		0.0018	0.00056	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Dieldrin	<0.00024		0.0018	0.00024	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Endosulfan I	<0.00077		0.0018	0.00077	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Endosulfan II	<0.00029		0.0018	0.00029	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Endosulfan sulfate	<0.00032		0.0018	0.00032	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Endrin	<0.00024		0.0018	0.00024	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Endrin aldehyde	<0.00030		0.0018	0.00030	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Endrin ketone	<0.00040		0.0018	0.00040	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
gamma-BHC (Lindane)	<0.00038		0.0018	0.00038	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
trans-Chlordane	**0.00096**	**J**	0.0018	0.00046	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Heptachlor	<0.00074		0.0018	0.00074	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Heptachlor epoxide	<0.00063		0.0018	0.00063	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Methoxychlor	<0.00034		0.0088	0.00034	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1
Toxaphene	<0.0075		0.018	0.0075	mg/Kg	☼	05/01/20 07:43	05/04/20 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*33 - 148*	*05/01/20 07:43*	*05/04/20 14:11*	*1*
Tetrachloro-m-xylene	*78*		*30 - 121*	*05/01/20 07:43*	*05/04/20 14:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0062		0.018	0.0062	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1
PCB-1221	<0.0078		0.018	0.0078	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1
PCB-1232	<0.0077		0.018	0.0077	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1
PCB-1242	<0.0058		0.018	0.0058	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1
PCB-1248	<0.0070		0.018	0.0070	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1
PCB-1254	<0.0038		0.018	0.0038	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1
PCB-1260	<0.0087		0.018	0.0087	mg/Kg	☼	05/01/20 07:43	05/04/20 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*49 - 129*	*05/01/20 07:43*	*05/04/20 10:45*	*1*
DCB Decachlorobiphenyl	*98*		*37 - 121*	*05/01/20 07:43*	*05/04/20 10:45*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.085		0.35	0.085	mg/Kg	☼	04/27/20 16:00	04/29/20 05:44	10
2,4-D	<0.099		0.35	0.099	mg/Kg	☼	04/27/20 16:00	04/29/20 05:44	10
2,4-DB	<0.10		0.35	0.10	mg/Kg	☼	04/27/20 16:00	04/29/20 05:44	10
Dicamba	<0.073		0.35	0.073	mg/Kg	☼	04/27/20 16:00	04/29/20 05:44	10
Dichlorprop	<0.095		0.35	0.095	mg/Kg	☼	04/27/20 16:00	04/29/20 05:44	10
Silvex (2,4,5-TP)	<0.090		0.35	0.090	mg/Kg	☼	04/27/20 16:00	04/29/20 05:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*69*		*25 - 120*	*04/27/20 16:00*	*04/29/20 05:44*	*10*

Client Sample ID: 40392-B-10 (3'-4')
Lab Sample ID: 500-181124-1

Date Collected: 04/23/20 10:05
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 92.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.8**		0.93	0.32	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1
Barium	**15**		0.93	0.11	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1
Cadmium	**0.22**	**B**	0.19	0.033	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1
Chromium	**5.5**		0.93	0.46	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1
Lead	**6.9**		0.46	0.21	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1
Selenium	<0.54		0.93	0.54	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1
Silver	<0.12		0.46	0.12	mg/Kg	☼	04/28/20 18:21	04/29/20 10:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0058		0.017	0.0058	mg/Kg	☼	04/29/20 13:25	04/30/20 10:03	1

Client Sample ID: 40392-B-11 (2'-3')
Lab Sample ID: 500-181124-2

Date Collected: 04/23/20 11:10
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.044		0.096	0.044	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,1,1-Trichloroethane	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,1,2,2-Tetrachloroethane	<0.038		0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,1,2-Trichloroethane	<0.034		0.096	0.034	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,1-Dichloroethane	<0.039		0.096	0.039	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,1-Dichloroethene	<0.038		0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,1-Dichloropropene	<0.029		0.096	0.029	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2,3-Trichlorobenzene	<0.044		0.096	0.044	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2,3-Trichloropropane	<0.040		0.19	0.040	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2,4-Trichlorobenzene	<0.033		0.096	0.033	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2,4-Trimethylbenzene	**0.28**		0.096	0.034	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2-Dibromo-3-Chloropropane	<0.19		0.48	0.19	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2-Dibromoethane	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2-Dichlorobenzene	<0.032		0.096	0.032	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2-Dichloroethane	<0.038		0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,2-Dichloropropane	<0.041		0.096	0.041	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,3,5-Trimethylbenzene	**0.11**		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,3-Dichlorobenzene	<0.038		0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,3-Dichloropropane	<0.035		0.096	0.035	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
1,4-Dichlorobenzene	<0.035		0.096	0.035	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
2,2-Dichloropropane	<0.043		0.096	0.043	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
2-Chlorotoluene	<0.030		0.096	0.030	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
4-Chlorotoluene	<0.034		0.096	0.034	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Benzene	**0.055**		0.024	0.014	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Bromobenzene	<0.034		0.096	0.034	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Bromochloromethane	<0.041	*	0.096	0.041	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Bromodichloromethane	<0.036		0.096	0.036	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Bromoform	<0.047		0.096	0.047	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Bromomethane	<0.077	* F1	0.29	0.077	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Carbon tetrachloride	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Chlorobenzene	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Chloroethane	<0.048	*	0.096	0.048	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50

Client Sample ID: 40392-B-11 (2'-3')
Lab Sample ID: 500-181124-2
Date Collected: 04/23/20 11:10
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.036		0.19	0.036	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Chloromethane	<0.031		0.096	0.031	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
cis-1,2-Dichloroethene	<0.039		0.096	0.039	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
cis-1,3-Dichloropropene	<0.040		0.096	0.040	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Dibromochloromethane	<0.047		0.096	0.047	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Dibromomethane	<0.026	*	0.096	0.026	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Dichlorodifluoromethane	<0.065		0.29	0.065	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Ethylbenzene	**0.080**		0.024	0.018	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Hexachlorobutadiene	<0.043		0.096	0.043	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Isopropyl ether	<0.027		0.096	0.027	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Isopropylbenzene	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Methyl tert-butyl ether	<0.038	*	0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Methylene Chloride	**0.27**	**J ***	0.48	0.16	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Naphthalene	**0.69**	**B**	0.096	0.032	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
n-Butylbenzene	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
N-Propylbenzene	**0.048**	**J**	0.096	0.040	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
p-Isopropyltoluene	<0.035		0.096	0.035	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
sec-Butylbenzene	<0.038		0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Styrene	<0.037		0.096	0.037	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
tert-Butylbenzene	<0.038		0.096	0.038	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Tetrachloroethene	<0.036		0.096	0.036	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Toluene	**0.38**		0.024	0.014	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
trans-1,2-Dichloroethene	<0.034		0.096	0.034	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
trans-1,3-Dichloropropene	<0.035		0.096	0.035	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Trichloroethene	<0.016		0.048	0.016	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Trichlorofluoromethane	<0.041		0.096	0.041	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Vinyl chloride	<0.025		0.096	0.025	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50
Xylenes, Total	**0.81**		0.048	0.021	mg/Kg	☼	04/25/20 18:45	05/01/20 18:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*	*04/25/20 18:45*	*05/01/20 18:12*	*50*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*	*04/25/20 18:45*	*05/01/20 18:12*	*50*
Dibromofluoromethane (Surr)	*103*		*75 - 120*	*04/25/20 18:45*	*05/01/20 18:12*	*50*
Toluene-d8 (Surr)	*103*		*75 - 120*	*04/25/20 18:45*	*05/01/20 18:12*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
1,2-Dichlorobenzene	<0.042		0.18	0.042	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
1,3-Dichlorobenzene	<0.040		0.18	0.040	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
1,4-Dichlorobenzene	<0.045		0.18	0.045	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
1-Methylnaphthalene	**0.27**		0.071	0.0086	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,2'-oxybis[1-chloropropane]	<0.041		0.18	0.041	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,4,5-Trichlorophenol	<0.081		0.35	0.081	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,4,6-Trichlorophenol	<0.12		0.35	0.12	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,4-Dichlorophenol	<0.084		0.35	0.084	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,4-Dimethylphenol	<0.13		0.35	0.13	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,4-Dinitrophenol	<0.62		0.71	0.62	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,4-Dinitrotoluene	<0.056		0.18	0.056	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2,6-Dinitrotoluene	<0.070		0.18	0.070	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1

Client Sample ID: 40392-B-11 (2'-3')
Date Collected: 04/23/20 11:10
Date Received: 04/24/20 09:30

Lab Sample ID: 500-181124-2
Matrix: Solid
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.039		0.18	0.039	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2-Chlorophenol	<0.060		0.18	0.060	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2-Methylnaphthalene	**0.39**		0.071	0.0065	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2-Methylphenol	<0.057		0.18	0.057	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2-Nitroaniline	<0.048		0.18	0.048	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
2-Nitrophenol	<0.084		0.35	0.084	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
3 & 4 Methylphenol	<0.059		0.18	0.059	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
3,3'-Dichlorobenzidine	<0.050		0.18	0.050	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
3-Nitroaniline	<0.11		0.35	0.11	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4,6-Dinitro-2-methylphenol	<0.28		0.71	0.28	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4-Bromophenyl phenyl ether	<0.047		0.18	0.047	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4-Chloro-3-methylphenol	<0.12		0.35	0.12	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4-Chloroaniline	<0.17		0.71	0.17	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4-Chlorophenyl phenyl ether	<0.041		0.18	0.041	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4-Nitroaniline	<0.15		0.35	0.15	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
4-Nitrophenol	<0.34		0.71	0.34	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Acenaphthene	<0.0064		0.035	0.0064	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Acenaphthylene	<0.0047		0.035	0.0047	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Anthracene	**0.087**		0.035	0.0059	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzo[a]anthracene	**0.36**		0.035	0.0048	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzo[a]pyrene	**0.39**		0.035	0.0068	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzo[b]fluoranthene	**0.59**		0.035	0.0076	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzo[g,h,i]perylene	**0.18**		0.035	0.011	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzo[k]fluoranthene	**0.21**		0.035	0.010	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzoic acid	<0.35		1.8	0.35	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Benzyl alcohol	<0.35		0.71	0.35	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Bis(2-chloroethoxy)methane	<0.036		0.18	0.036	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Bis(2-chloroethyl)ether	<0.053		0.18	0.053	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Bis(2-ethylhexyl) phthalate	**0.24**		0.18	0.065	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Butyl benzyl phthalate	<0.067		0.18	0.067	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Carbazole	<0.088		0.18	0.088	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Chrysene	**0.45**		0.035	0.0096	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Dibenz(a,h)anthracene	**0.055**		0.035	0.0068	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Dibenzofuran	**0.11**	**J**	0.18	0.041	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Diethyl phthalate	<0.060		0.18	0.060	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Dimethyl phthalate	<0.046		0.18	0.046	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Di-n-butyl phthalate	<0.054		0.18	0.054	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Di-n-octyl phthalate	<0.058		0.18	0.058	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Fluoranthene	**0.84**		0.035	0.0066	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Fluorene	<0.0050		0.035	0.0050	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Hexachlorobenzene	<0.0082		0.071	0.0082	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Hexachlorobutadiene	<0.056		0.18	0.056	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Hexachlorocyclopentadiene	<0.20		0.71	0.20	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Hexachloroethane	<0.054		0.18	0.054	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Indeno[1,2,3-cd]pyrene	**0.16**		0.035	0.0092	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Isophorone	<0.040		0.18	0.040	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Naphthalene	**0.23**		0.035	0.0054	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Nitrobenzene	<0.0088		0.035	0.0088	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
N-Nitrosodi-n-propylamine	<0.043		0.071	0.043	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1

Client Sample ID: 40392-B-11 (2'-3')
Date Collected: 04/23/20 11:10
Date Received: 04/24/20 09:30

Lab Sample ID: 500-181124-2
Matrix: Solid
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	<0.042		0.18	0.042	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Pentachlorophenol	<0.57		0.71	0.57	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Phenanthrene	**0.65**		0.035	0.0049	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Phenol	<0.079		0.18	0.079	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1
Pyrene	**0.68**		0.035	0.0070	mg/Kg	☼	04/30/20 16:33	05/01/20 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*31 - 143*	*04/30/20 16:33*	*05/01/20 13:10*	*1*
2-Fluorobiphenyl (Surr)	*101*		*43 - 145*	*04/30/20 16:33*	*05/01/20 13:10*	*1*
2-Fluorophenol (Surr)	*108*		*31 - 166*	*04/30/20 16:33*	*05/01/20 13:10*	*1*
Nitrobenzene-d5 (Surr)	*81*		*37 - 147*	*04/30/20 16:33*	*05/01/20 13:10*	*1*
Phenol-d5 (Surr)	*101*		*30 - 153*	*04/30/20 16:33*	*05/01/20 13:10*	*1*
Terphenyl-d14 (Surr)	*101*		*42 - 157*	*04/30/20 16:33*	*05/01/20 13:10*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00036		0.0018	0.00036	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
4,4'-DDE	**0.0030**		0.0018	0.00030	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
4,4'-DDT	<0.00094		0.0018	0.00094	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Aldrin	<0.00074		0.0018	0.00074	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
alpha-BHC	<0.00045		0.0018	0.00045	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
cis-Chlordane	<0.00090		0.0018	0.00090	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
beta-BHC	**0.023**		0.0018	0.00055	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
delta-BHC	<0.00056		0.0018	0.00056	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Dieldrin	**0.0036**		0.0018	0.00024	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Endosulfan I	<0.00078		0.0018	0.00078	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Endosulfan II	<0.00029		0.0018	0.00029	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Endosulfan sulfate	<0.00033		0.0018	0.00033	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Endrin	<0.00025		0.0018	0.00025	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Endrin aldehyde	<0.00030		0.0018	0.00030	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Endrin ketone	<0.00040		0.0018	0.00040	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
gamma-BHC (Lindane)	<0.00039		0.0018	0.00039	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
trans-Chlordane	<0.00047		0.0018	0.00047	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Heptachlor	<0.00075		0.0018	0.00075	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Heptachlor epoxide	<0.00063		0.0018	0.00063	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Methoxychlor	<0.00035		0.0089	0.00035	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1
Toxaphene	<0.0075		0.018	0.0075	mg/Kg	☼	05/01/20 07:43	05/04/20 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*33 - 148*	*05/01/20 07:43*	*05/04/20 14:31*	*1*
Tetrachloro-m-xylene	*88*		*30 - 121*	*05/01/20 07:43*	*05/04/20 14:31*	*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	☼	05/01/20 07:43	05/04/20 11:00	1
PCB-1221	<0.0078		0.018	0.0078	mg/Kg	☼	05/01/20 07:43	05/04/20 11:00	1
PCB-1232	<0.0078		0.018	0.0078	mg/Kg	☼	05/01/20 07:43	05/04/20 11:00	1
PCB-1242	<0.0058		0.018	0.0058	mg/Kg	☼	05/01/20 07:43	05/04/20 11:00	1
PCB-1248	<0.0070		0.018	0.0070	mg/Kg	☼	05/01/20 07:43	05/04/20 11:00	1
PCB-1254	**0.11**		0.018	0.0038	mg/Kg	☼	05/01/20 07:43	05/04/20 11:00	1

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-B-11 (2'-3')
Lab Sample ID: 500-181124-2
Date Collected: 04/23/20 11:10
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0087		0.018	0.0087	mg/Kg	☼	05/01/20 07:43	05/04/20 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*49 - 129*	*05/01/20 07:43*	*05/04/20 11:00*	*1*
DCB Decachlorobiphenyl	*93*		*37 - 121*	*05/01/20 07:43*	*05/04/20 11:00*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.086		0.35	0.086	mg/Kg	☼	04/27/20 16:00	04/29/20 06:03	10
2,4-D	<0.10		0.35	0.10	mg/Kg	☼	04/27/20 16:00	04/29/20 06:03	10
2,4-DB	<0.10		0.35	0.10	mg/Kg	☼	04/27/20 16:00	04/29/20 06:03	10
Dicamba	<0.073		0.35	0.073	mg/Kg	☼	04/27/20 16:00	04/29/20 06:03	10
Dichlorprop	<0.096		0.35	0.096	mg/Kg	☼	04/27/20 16:00	04/29/20 06:03	10
Silvex (2,4,5-TP)	<0.090		0.35	0.090	mg/Kg	☼	04/27/20 16:00	04/29/20 06:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*70*		*25 - 120*	*04/27/20 16:00*	*04/29/20 06:03*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		0.95	0.32	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1
Barium	**42**		0.95	0.11	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1
Cadmium	**0.82**	**B**	0.19	0.034	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1
Chromium	**14**		0.95	0.47	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1
Lead	**53**		0.47	0.22	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1
Selenium	<0.56		0.95	0.56	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1
Silver	**0.22**	**J**	0.47	0.12	mg/Kg	☼	04/28/20 18:21	04/29/20 10:58	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.050**		0.017	0.0057	mg/Kg	☼	04/29/20 13:25	04/30/20 10:06	1

Definitions/Glossary

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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.

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.

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.

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
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)
MQL	Method Quantitation Limit
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
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

GC/MS VOA

Prep Batch: 540382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	5035	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	5035	
LB3 500-540382/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-540382/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-181124-2 MS	40392-B-11 (2'-3')	Total/NA	Solid	5035	
500-181124-2 MSD	40392-B-11 (2'-3')	Total/NA	Solid	5035	

Analysis Batch: 540650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	8260B	540382
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	8260B	540382
LB3 500-540382/21-A	Method Blank	Total/NA	Solid	8260B	540382
MB 500-540650/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-540382/22-A	Lab Control Sample	Total/NA	Solid	8260B	540382
LCS 500-540650/4	Lab Control Sample	Total/NA	Solid	8260B	
500-181124-2 MS	40392-B-11 (2'-3')	Total/NA	Solid	8260B	540382
500-181124-2 MSD	40392-B-11 (2'-3')	Total/NA	Solid	8260B	540382

GC/MS Semi VOA

Prep Batch: 540559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	3541	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	3541	
MB 500-540559/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-540559/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 540626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	8270D	540559
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	8270D	540559
MB 500-540559/1-A	Method Blank	Total/NA	Solid	8270D	540559
LCS 500-540559/2-A	Lab Control Sample	Total/NA	Solid	8270D	540559

GC Semi VOA

Prep Batch: 539919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	8151A	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	8151A	
MB 500-539919/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 500-539919/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 540131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	8151A	539919
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	8151A	539919
MB 500-539919/1-A	Method Blank	Total/NA	Solid	8151A	539919
LCS 500-539919/2-A	Lab Control Sample	Total/NA	Solid	8151A	539919

GC Semi VOA

Prep Batch: 540673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	3541	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	3541	
MB 500-540673/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-540673/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCS 500-540673/3-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 540700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	8081A	540673
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	8081A	540673
MB 500-540673/1-A	Method Blank	Total/NA	Solid	8081A	540673
LCS 500-540673/2-A	Lab Control Sample	Total/NA	Solid	8081A	540673

Analysis Batch: 540701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	8082A	540673
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	8082A	540673
MB 500-540673/1-A	Method Blank	Total/NA	Solid	8082A	540673
LCS 500-540673/3-A	Lab Control Sample	Total/NA	Solid	8082A	540673

Metals

Prep Batch: 540156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	3050B	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	3050B	
MB 500-540156/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-540156/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 540302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	7471A	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	7471A	
MB 500-540302/12-A	Method Blank	Total/NA	Solid	7471A	
LCS 500-540302/13-A	Lab Control Sample	Total/NA	Solid	7471A	

Analysis Batch: 540327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	6010B	540156
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	6010B	540156
MB 500-540156/1-A	Method Blank	Total/NA	Solid	6010B	540156
LCS 500-540156/2-A	Lab Control Sample	Total/NA	Solid	6010B	540156

Analysis Batch: 540516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	7471A	540302
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	7471A	540302
MB 500-540302/12-A	Method Blank	Total/NA	Solid	7471A	540302
LCS 500-540302/13-A	Lab Control Sample	Total/NA	Solid	7471A	540302

QC Association Summary

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

General Chemistry

Analysis Batch: 540087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-181124-1	40392-B-10 (3'-4')	Total/NA	Solid	Moisture	
500-181124-2	40392-B-11 (2'-3')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-181124-1	40392-B-10 (3'-4')	104	91	102	103
500-181124-2	40392-B-11 (2'-3')	106	89	103	103
500-181124-2 MS	40392-B-11 (2'-3')	108	91	109	102
500-181124-2 MSD	40392-B-11 (2'-3')	100	88	107	102
LB3 500-540382/21-A	Method Blank	105	90	105	100
LCS 500-540382/22-A	Lab Control Sample	105	90	110	102
LCS 500-540650/4	Lab Control Sample	97	89	101	102
MB 500-540650/6	Method Blank	101	89	100	104

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)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(31-143)	(43-145)	(31-166)	(37-147)	(30-153)	(42-157)
500-181124-1	40392-B-10 (3'-4')	67	89	101	72	90	93
500-181124-2	40392-B-11 (2'-3')	101	101	108	81	101	101
LCS 500-540559/2-A	Lab Control Sample	100	88	95	75	96	98
MB 500-540559/1-A	Method Blank	85	96	93	76	95	97

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(33-148)	(30-121)
500-181124-1	40392-B-10 (3'-4')	117	78
500-181124-2	40392-B-11 (2'-3')	97	88
LCS 500-540673/2-A	Lab Control Sample	112	89
MB 500-540673/1-A	Method Blank	114	90

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

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)								
500-181124-1	40392-B-10 (3'-4')	92	98								
500-181124-2	40392-B-11 (2'-3')	79	93								
LCS 500-540673/3-A	Lab Control Sample	95	109								
MB 500-540673/1-A	Method Blank	87	100								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA2 (25-120)									
500-181124-1	40392-B-10 (3'-4')	69									
500-181124-2	40392-B-11 (2'-3')	70									
LCS 500-539919/2-A	Lab Control Sample	46									
MB 500-539919/1-A	Method Blank	54									

Surrogate Legend

DCPAA = DCAA

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

Lab Sample ID: LB3 500-540382/21-A
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540382

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		04/29/20 20:30	05/01/20 18:36	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Bromoform	<0.024		0.050	0.024	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Chloroform	<0.019		0.10	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Naphthalene	0.0185	J	0.050	0.017	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50

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

Lab Sample ID: LB3 500-540382/21-A
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540382

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Styrene	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		04/29/20 20:30	05/01/20 18:36	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		04/29/20 20:30	05/01/20 18:36	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*04/29/20 20:30*	*05/01/20 18:36*	*50*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*	*04/29/20 20:30*	*05/01/20 18:36*	*50*
Dibromofluoromethane (Surr)	*105*		*75 - 120*	*04/29/20 20:30*	*05/01/20 18:36*	*50*
Toluene-d8 (Surr)	*100*		*75 - 120*	*04/29/20 20:30*	*05/01/20 18:36*	*50*

Lab Sample ID: LCS 500-540382/22-A
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.50	2.98		mg/Kg		119	70 - 125
1,1,1-Trichloroethane	2.50	2.69		mg/Kg		108	70 - 125
1,1,2,2-Tetrachloroethane	2.50	2.97		mg/Kg		119	62 - 140
1,1,2-Trichloroethane	2.50	2.99		mg/Kg		119	71 - 130
1,1-Dichloroethane	2.50	2.68		mg/Kg		107	70 - 125
1,1-Dichloroethene	2.50	2.67		mg/Kg		107	67 - 122
1,1-Dichloropropene	2.50	2.64		mg/Kg		105	70 - 121
1,2,3-Trichlorobenzene	2.50	2.87		mg/Kg		115	51 - 145
1,2,3-Trichloropropane	2.50	2.76		mg/Kg		110	50 - 133
1,2,4-Trichlorobenzene	2.50	2.67		mg/Kg		107	57 - 137
1,2,4-Trimethylbenzene	2.50	2.66		mg/Kg		106	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	2.57		mg/Kg		103	56 - 123
1,2-Dibromoethane	2.50	3.08		mg/Kg		123	70 - 125
1,2-Dichlorobenzene	2.50	2.96		mg/Kg		119	70 - 125
1,2-Dichloroethane	2.50	2.97		mg/Kg		119	68 - 127
1,2-Dichloropropane	2.50	2.70		mg/Kg		108	67 - 130
1,3,5-Trimethylbenzene	2.50	2.68		mg/Kg		107	70 - 123
1,3-Dichlorobenzene	2.50	2.84		mg/Kg		114	70 - 125
1,3-Dichloropropane	2.50	2.94		mg/Kg		118	62 - 136
1,4-Dichlorobenzene	2.50	2.77		mg/Kg		111	70 - 120
2,2-Dichloropropane	2.50	2.58		mg/Kg		103	58 - 139
2-Chlorotoluene	2.50	2.70		mg/Kg		108	70 - 125
4-Chlorotoluene	2.50	2.68		mg/Kg		107	68 - 124
Benzene	2.50	2.99		mg/Kg		120	70 - 120

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

Lab Sample ID: LCS 500-540382/22-A
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	2.87		mg/Kg		115	70 - 122
Bromochloromethane	2.50	3.08	*	mg/Kg		123	65 - 122
Bromodichloromethane	2.50	2.92		mg/Kg		117	69 - 120
Bromoform	2.50	3.00		mg/Kg		120	56 - 132
Bromomethane	2.50	4.40	*	mg/Kg		176	40 - 152
Carbon tetrachloride	2.50	2.51		mg/Kg		100	59 - 133
Chlorobenzene	2.50	2.93		mg/Kg		117	70 - 120
Chloroethane	2.50	3.50	*	mg/Kg		140	48 - 136
Chloroform	2.50	2.96		mg/Kg		119	70 - 120
Chloromethane	2.50	1.84		mg/Kg		74	56 - 152
cis-1,2-Dichloroethene	2.50	3.09		mg/Kg		123	70 - 125
cis-1,3-Dichloropropene	2.50	2.87		mg/Kg		115	64 - 127
Dibromochloromethane	2.50	2.89		mg/Kg		116	68 - 125
Dibromomethane	2.50	3.22	*	mg/Kg		129	70 - 120
Dichlorodifluoromethane	2.50	1.41		mg/Kg		56	40 - 159
Ethylbenzene	2.50	2.83		mg/Kg		113	70 - 123
Hexachlorobutadiene	2.50	2.44		mg/Kg		98	51 - 150
Isopropylbenzene	2.50	2.65		mg/Kg		106	70 - 126
Methyl tert-butyl ether	2.50	3.10	*	mg/Kg		124	55 - 123
Methylene Chloride	2.50	3.27	*	mg/Kg		131	69 - 125
Naphthalene	2.50	2.93		mg/Kg		117	53 - 144
n-Butylbenzene	2.50	2.57		mg/Kg		103	68 - 125
N-Propylbenzene	2.50	2.62		mg/Kg		105	69 - 127
p-Isopropyltoluene	2.50	2.56		mg/Kg		103	70 - 125
sec-Butylbenzene	2.50	2.62		mg/Kg		105	70 - 123
Styrene	2.50	2.89		mg/Kg		116	70 - 120
tert-Butylbenzene	2.50	2.60		mg/Kg		104	70 - 121
Tetrachloroethene	2.50	2.78		mg/Kg		111	70 - 128
Toluene	2.50	2.89		mg/Kg		116	70 - 125
trans-1,2-Dichloroethene	2.50	2.93		mg/Kg		117	70 - 125
trans-1,3-Dichloropropene	2.50	2.76		mg/Kg		111	62 - 128
Trichloroethene	2.50	2.77		mg/Kg		111	70 - 125
Trichlorofluoromethane	2.50	2.56		mg/Kg		102	55 - 128
Vinyl chloride	2.50	2.12		mg/Kg		85	64 - 126
Xylenes, Total	5.00	5.67		mg/Kg		113	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*110*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: 500-181124-2 MS
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: 40392-B-11 (2'-3')
Prep Type: Total/NA
Prep Batch: 540382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.044		4.81	4.91		mg/Kg	☼	102	70 - 125

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

Lab Sample ID: 500-181124-2 MS
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: 40392-B-11 (2'-3')
Prep Type: Total/NA
Prep Batch: 540382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.037		4.81	4.37		mg/Kg	☼	91	70 - 125
1,1,2,2-Tetrachloroethane	<0.038		4.81	5.46		mg/Kg	☼	113	62 - 140
1,1,2-Trichloroethane	<0.034		4.81	5.25		mg/Kg	☼	109	71 - 130
1,1-Dichloroethane	<0.039		4.81	4.54		mg/Kg	☼	94	70 - 125
1,1-Dichloroethene	<0.038		4.81	4.57		mg/Kg	☼	95	67 - 122
1,1-Dichloropropene	<0.029		4.81	4.24		mg/Kg	☼	88	70 - 121
1,2,3-Trichlorobenzene	<0.044		4.81	4.73		mg/Kg	☼	98	51 - 145
1,2,3-Trichloropropane	<0.040		4.81	5.18		mg/Kg	☼	108	50 - 133
1,2,4-Trichlorobenzene	<0.033		4.81	4.38		mg/Kg	☼	91	57 - 137
1,2,4-Trimethylbenzene	0.28		4.81	4.83		mg/Kg	☼	95	70 - 123
1,2-Dibromo-3-Chloropropane	<0.19		4.81	4.83		mg/Kg	☼	100	56 - 123
1,2-Dibromoethane	<0.037		4.81	5.34		mg/Kg	☼	111	70 - 125
1,2-Dichlorobenzene	<0.032		4.81	5.00		mg/Kg	☼	104	70 - 125
1,2-Dichloroethane	<0.038		4.81	5.05		mg/Kg	☼	105	68 - 127
1,2-Dichloropropane	<0.041		4.81	4.61		mg/Kg	☼	96	67 - 130
1,3,5-Trimethylbenzene	0.11		4.81	4.47		mg/Kg	☼	91	70 - 123
1,3-Dichlorobenzene	<0.038		4.81	4.66		mg/Kg	☼	97	70 - 125
1,3-Dichloropropane	<0.035		4.81	5.08		mg/Kg	☼	106	62 - 136
1,4-Dichlorobenzene	<0.035		4.81	4.63		mg/Kg	☼	96	70 - 120
2,2-Dichloropropane	<0.043		4.81	4.18		mg/Kg	☼	87	58 - 139
2-Chlorotoluene	<0.030		4.81	4.53		mg/Kg	☼	94	70 - 125
4-Chlorotoluene	<0.034		4.81	4.47		mg/Kg	☼	93	68 - 124
Benzene	0.055		4.81	5.03		mg/Kg	☼	103	70 - 120
Bromobenzene	<0.034		4.81	4.74		mg/Kg	☼	99	70 - 122
Bromochloromethane	<0.041	*	4.81	5.22		mg/Kg	☼	108	65 - 122
Bromodichloromethane	<0.036		4.81	4.80		mg/Kg	☼	100	69 - 120
Bromoform	<0.047		4.81	5.26		mg/Kg	☼	109	56 - 132
Bromomethane	<0.077	* F1	4.81	8.22	F1	mg/Kg	☼	171	40 - 152
Carbon tetrachloride	<0.037		4.81	4.05		mg/Kg	☼	84	59 - 133
Chlorobenzene	<0.037		4.81	4.88		mg/Kg	☼	101	70 - 120
Chloroethane	<0.048	*	4.81	6.38		mg/Kg	☼	133	48 - 136
Chloroform	<0.036		4.81	4.99		mg/Kg	☼	104	70 - 120
Chloromethane	<0.031		4.81	3.13		mg/Kg	☼	65	56 - 152
cis-1,2-Dichloroethene	<0.039		4.81	5.12		mg/Kg	☼	106	70 - 125
cis-1,3-Dichloropropene	<0.040		4.81	4.85		mg/Kg	☼	101	64 - 127
Dibromochloromethane	<0.047		4.81	4.99		mg/Kg	☼	104	68 - 125
Dibromomethane	<0.026	*	4.81	5.44		mg/Kg	☼	113	70 - 120
Dichlorodifluoromethane	<0.065		4.81	3.28		mg/Kg	☼	68	40 - 159
Ethylbenzene	0.080		4.81	4.78		mg/Kg	☼	98	70 - 123
Hexachlorobutadiene	<0.043		4.81	3.43		mg/Kg	☼	71	51 - 150
Isopropylbenzene	<0.037		4.81	4.35		mg/Kg	☼	90	70 - 126
Methyl tert-butyl ether	<0.038	*	4.81	5.42		mg/Kg	☼	113	55 - 123
Methylene Chloride	0.27	J *	4.81	5.75		mg/Kg	☼	114	69 - 125
Naphthalene	0.69	B	4.81	5.93		mg/Kg	☼	109	53 - 144
n-Butylbenzene	<0.037		4.81	4.05		mg/Kg	☼	84	68 - 125
N-Propylbenzene	0.048	J	4.81	4.39		mg/Kg	☼	90	69 - 127
p-Isopropyltoluene	<0.035		4.81	4.08		mg/Kg	☼	85	70 - 125
sec-Butylbenzene	<0.038		4.81	4.17		mg/Kg	☼	87	70 - 123
Styrene	<0.037		4.81	4.82		mg/Kg	☼	100	70 - 120

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

Lab Sample ID: 500-181124-2 MS
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: 40392-B-11 (2'-3')
Prep Type: Total/NA
Prep Batch: 540382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	<0.038		4.81	4.22		mg/Kg	☼	88	70 - 121
Tetrachloroethene	<0.036		4.81	4.57		mg/Kg	☼	95	70 - 128
Toluene	0.38		4.81	5.18		mg/Kg	☼	100	70 - 125
trans-1,2-Dichloroethene	<0.034		4.81	4.93		mg/Kg	☼	102	70 - 125
trans-1,3-Dichloropropene	<0.035		4.81	4.82		mg/Kg	☼	100	62 - 128
Trichloroethene	<0.016		4.81	4.72		mg/Kg	☼	98	70 - 125
Trichlorofluoromethane	<0.041		4.81	4.27		mg/Kg	☼	89	55 - 128
Vinyl chloride	<0.025		4.81	3.54		mg/Kg	☼	74	64 - 126
Xylenes, Total	0.81		9.62	10.2		mg/Kg	☼	98	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane (Surr)	*109*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: 500-181124-2 MSD
Matrix: Solid
Analysis Batch: 540650

Client Sample ID: 40392-B-11 (2'-3')
Prep Type: Total/NA
Prep Batch: 540382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.044		4.81	4.97		mg/Kg	☼	103	70 - 125	1	30
1,1,1-Trichloroethane	<0.037		4.81	4.62		mg/Kg	☼	96	70 - 125	5	30
1,1,2,2-Tetrachloroethane	<0.038		4.81	4.75		mg/Kg	☼	99	62 - 140	14	30
1,1,2-Trichloroethane	<0.034		4.81	5.06		mg/Kg	☼	105	71 - 130	4	30
1,1-Dichloroethane	<0.039		4.81	4.64		mg/Kg	☼	96	70 - 125	2	30
1,1-Dichloroethene	<0.038		4.81	4.82		mg/Kg	☼	100	67 - 122	5	30
1,1-Dichloropropene	<0.029		4.81	4.52		mg/Kg	☼	94	70 - 121	6	30
1,2,3-Trichlorobenzene	<0.044		4.81	4.90		mg/Kg	☼	102	51 - 145	4	30
1,2,3-Trichloropropane	<0.040		4.81	4.45		mg/Kg	☼	93	50 - 133	15	30
1,2,4-Trichlorobenzene	<0.033		4.81	4.61		mg/Kg	☼	96	57 - 137	5	30
1,2,4-Trimethylbenzene	0.28		4.81	4.76		mg/Kg	☼	93	70 - 123	1	30
1,2-Dibromo-3-Chloropropane	<0.19		4.81	4.27		mg/Kg	☼	89	56 - 123	12	30
1,2-Dibromoethane	<0.037		4.81	5.14		mg/Kg	☼	107	70 - 125	4	30
1,2-Dichlorobenzene	<0.032		4.81	4.92		mg/Kg	☼	102	70 - 125	1	30
1,2-Dichloroethane	<0.038		4.81	4.92		mg/Kg	☼	102	68 - 127	2	30
1,2-Dichloropropane	<0.041		4.81	4.63		mg/Kg	☼	96	67 - 130	1	30
1,3,5-Trimethylbenzene	0.11		4.81	4.56		mg/Kg	☼	93	70 - 123	2	30
1,3-Dichlorobenzene	<0.038		4.81	4.70		mg/Kg	☼	98	70 - 125	1	30
1,3-Dichloropropane	<0.035		4.81	4.96		mg/Kg	☼	103	62 - 136	2	30
1,4-Dichlorobenzene	<0.035		4.81	4.69		mg/Kg	☼	97	70 - 120	1	30
2,2-Dichloropropane	<0.043		4.81	4.21		mg/Kg	☼	88	58 - 139	1	30
2-Chlorotoluene	<0.030		4.81	4.55		mg/Kg	☼	95	70 - 125	1	30
4-Chlorotoluene	<0.034		4.81	4.51		mg/Kg	☼	94	68 - 124	1	30
Benzene	0.055		4.81	5.17		mg/Kg	☼	106	70 - 120	3	30
Bromobenzene	<0.034		4.81	4.64		mg/Kg	☼	96	70 - 122	2	30
Bromochloromethane	<0.041	*	4.81	5.06		mg/Kg	☼	105	65 - 122	3	30
Bromodichloromethane	<0.036		4.81	4.80		mg/Kg	☼	100	69 - 120	0	30

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

Lab Sample ID: 500-181124-2 MSD
Client Sample ID: 40392-B-11 (2'-3')
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 540650
Prep Batch: 540382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	<0.047		4.81	4.94		mg/Kg	☼	103	56 - 132	6	30
Bromomethane	<0.077	* F1	4.81	7.60	F1	mg/Kg	☼	158	40 - 152	8	30
Carbon tetrachloride	<0.037		4.81	4.36		mg/Kg	☼	91	59 - 133	7	30
Chlorobenzene	<0.037		4.81	5.05		mg/Kg	☼	105	70 - 120	3	30
Chloroethane	<0.048	*	4.81	6.11		mg/Kg	☼	127	48 - 136	4	30
Chloroform	<0.036		4.81	4.90		mg/Kg	☼	102	70 - 120	2	30
Chloromethane	<0.031		4.81	3.16		mg/Kg	☼	66	56 - 152	1	30
cis-1,2-Dichloroethene	<0.039		4.81	5.23		mg/Kg	☼	109	70 - 125	2	30
cis-1,3-Dichloropropene	<0.040		4.81	4.82		mg/Kg	☼	100	64 - 127	1	30
Dibromochloromethane	<0.047		4.81	4.83		mg/Kg	☼	100	68 - 125	3	30
Dibromomethane	<0.026	*	4.81	5.33		mg/Kg	☼	111	70 - 120	2	30
Dichlorodifluoromethane	<0.065		4.81	3.52		mg/Kg	☼	73	40 - 159	7	30
Ethylbenzene	0.080		4.81	5.00		mg/Kg	☼	102	70 - 123	4	30
Hexachlorobutadiene	<0.043		4.81	4.19		mg/Kg	☼	87	51 - 150	20	30
Isopropylbenzene	<0.037		4.81	4.43		mg/Kg	☼	92	70 - 126	2	30
Methyl tert-butyl ether	<0.038	*	4.81	5.20		mg/Kg	☼	108	55 - 123	4	30
Methylene Chloride	0.27	J *	4.81	5.56		mg/Kg	☼	110	69 - 125	3	30
Naphthalene	0.69	B	4.81	5.56		mg/Kg	☼	101	53 - 144	6	30
n-Butylbenzene	<0.037		4.81	4.51		mg/Kg	☼	94	68 - 125	11	30
N-Propylbenzene	0.048	J	4.81	4.48		mg/Kg	☼	92	69 - 127	2	30
p-Isopropyltoluene	<0.035		4.81	4.34		mg/Kg	☼	90	70 - 125	6	30
sec-Butylbenzene	<0.038		4.81	4.48		mg/Kg	☼	93	70 - 123	7	30
Styrene	<0.037		4.81	5.00		mg/Kg	☼	104	70 - 120	4	30
tert-Butylbenzene	<0.038		4.81	4.29		mg/Kg	☼	89	70 - 121	2	30
Tetrachloroethene	<0.036		4.81	4.84		mg/Kg	☼	101	70 - 128	6	30
Toluene	0.38		4.81	5.34		mg/Kg	☼	103	70 - 125	3	30
trans-1,2-Dichloroethene	<0.034		4.81	5.11		mg/Kg	☼	106	70 - 125	4	30
trans-1,3-Dichloropropene	<0.035		4.81	4.78		mg/Kg	☼	99	62 - 128	1	30
Trichloroethene	<0.016		4.81	4.81		mg/Kg	☼	100	70 - 125	2	30
Trichlorofluoromethane	<0.041		4.81	4.27		mg/Kg	☼	89	55 - 128	0	30
Vinyl chloride	<0.025		4.81	3.74		mg/Kg	☼	78	64 - 126	5	30
Xylenes, Total	0.81		9.62	10.5		mg/Kg	☼	101	70 - 125	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*
Dibromofluoromethane (Surr)	*107*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: MB 500-540650/6
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 540650

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			05/01/20 10:09	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			05/01/20 10:09	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			05/01/20 10:09	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			05/01/20 10:09	1

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

Lab Sample ID: MB 500-540650/6
Matrix: Solid
Analysis Batch: 540650

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			05/01/20 10:09	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			05/01/20 10:09	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			05/01/20 10:09	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			05/01/20 10:09	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			05/01/20 10:09	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			05/01/20 10:09	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			05/01/20 10:09	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			05/01/20 10:09	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			05/01/20 10:09	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/01/20 10:09	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			05/01/20 10:09	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			05/01/20 10:09	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/01/20 10:09	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			05/01/20 10:09	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			05/01/20 10:09	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			05/01/20 10:09	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			05/01/20 10:09	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			05/01/20 10:09	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			05/01/20 10:09	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			05/01/20 10:09	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			05/01/20 10:09	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			05/01/20 10:09	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			05/01/20 10:09	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			05/01/20 10:09	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			05/01/20 10:09	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			05/01/20 10:09	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			05/01/20 10:09	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			05/01/20 10:09	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			05/01/20 10:09	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			05/01/20 10:09	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			05/01/20 10:09	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			05/01/20 10:09	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			05/01/20 10:09	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			05/01/20 10:09	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			05/01/20 10:09	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			05/01/20 10:09	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			05/01/20 10:09	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			05/01/20 10:09	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			05/01/20 10:09	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/01/20 10:09	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			05/01/20 10:09	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			05/01/20 10:09	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			05/01/20 10:09	1

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

Lab Sample ID: MB 500-540650/6
Matrix: Solid
Analysis Batch: 540650

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00015		0.00025	0.00015	mg/Kg			05/01/20 10:09	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			05/01/20 10:09	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			05/01/20 10:09	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			05/01/20 10:09	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			05/01/20 10:09	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			05/01/20 10:09	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			05/01/20 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*05/01/20 10:09*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*05/01/20 10:09*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*05/01/20 10:09*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*05/01/20 10:09*	*1*

Lab Sample ID: LCS 500-540650/4
Matrix: Solid
Analysis Batch: 540650

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	0.0494		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0491		mg/Kg		98	62 - 140
1,1,2-Trichloroethane	0.0500	0.0496		mg/Kg		99	71 - 130
1,1-Dichloroethane	0.0500	0.0459		mg/Kg		92	70 - 125
1,1-Dichloroethene	0.0500	0.0531		mg/Kg		106	67 - 122
1,1-Dichloropropene	0.0500	0.0490		mg/Kg		98	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0497		mg/Kg		99	51 - 145
1,2,3-Trichloropropane	0.0500	0.0470		mg/Kg		94	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0490		mg/Kg		98	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0477		mg/Kg		95	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0420		mg/Kg		84	56 - 123
1,2-Dibromoethane	0.0500	0.0517		mg/Kg		103	70 - 125
1,2-Dichlorobenzene	0.0500	0.0493		mg/Kg		99	70 - 125
1,2-Dichloroethane	0.0500	0.0478		mg/Kg		96	68 - 127
1,2-Dichloropropane	0.0500	0.0447		mg/Kg		89	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0481		mg/Kg		96	70 - 123
1,3-Dichlorobenzene	0.0500	0.0490		mg/Kg		98	70 - 125
1,3-Dichloropropane	0.0500	0.0493		mg/Kg		99	62 - 136
1,4-Dichlorobenzene	0.0500	0.0494		mg/Kg		99	70 - 120
2,2-Dichloropropane	0.0500	0.0487		mg/Kg		97	58 - 139
2-Chlorotoluene	0.0500	0.0475		mg/Kg		95	70 - 125
4-Chlorotoluene	0.0500	0.0475		mg/Kg		95	68 - 124
Benzene	0.0500	0.0505		mg/Kg		101	70 - 120
Bromobenzene	0.0500	0.0468		mg/Kg		94	70 - 122
Bromochloromethane	0.0500	0.0497		mg/Kg		99	65 - 122
Bromodichloromethane	0.0500	0.0472		mg/Kg		94	69 - 120
Bromoform	0.0500	0.0510		mg/Kg		102	56 - 132
Bromomethane	0.0500	0.0866	*	mg/Kg		173	40 - 152

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

Lab Sample ID: LCS 500-540650/4
Matrix: Solid
Analysis Batch: 540650

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	0.0490		mg/Kg		98	59 - 133
Chlorobenzene	0.0500	0.0508		mg/Kg		102	70 - 120
Chloroethane	0.0500	0.0651		mg/Kg		130	48 - 136
Chloroform	0.0500	0.0486		mg/Kg		97	70 - 120
Chloromethane	0.0500	0.0332		mg/Kg		66	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0483		mg/Kg		97	64 - 127
Dibromochloromethane	0.0500	0.0476		mg/Kg		95	68 - 125
Dibromomethane	0.0500	0.0500		mg/Kg		100	70 - 120
Dichlorodifluoromethane	0.0500	0.0388		mg/Kg		78	40 - 159
Ethylbenzene	0.0500	0.0510		mg/Kg		102	70 - 123
Hexachlorobutadiene	0.0500	0.0473		mg/Kg		95	51 - 150
Isopropylbenzene	0.0500	0.0479		mg/Kg		96	70 - 126
Methyl tert-butyl ether	0.0500	0.0504		mg/Kg		101	55 - 123
Methylene Chloride	0.0500	0.0509		mg/Kg		102	69 - 125
Naphthalene	0.0500	0.0482		mg/Kg		96	53 - 144
n-Butylbenzene	0.0500	0.0516		mg/Kg		103	68 - 125
N-Propylbenzene	0.0500	0.0496		mg/Kg		99	69 - 127
p-Isopropyltoluene	0.0500	0.0485		mg/Kg		97	70 - 125
sec-Butylbenzene	0.0500	0.0496		mg/Kg		99	70 - 123
Styrene	0.0500	0.0494		mg/Kg		99	70 - 120
tert-Butylbenzene	0.0500	0.0474		mg/Kg		95	70 - 121
Tetrachloroethene	0.0500	0.0530		mg/Kg		106	70 - 128
Toluene	0.0500	0.0502		mg/Kg		100	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0522		mg/Kg		104	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0476		mg/Kg		95	62 - 128
Trichloroethene	0.0500	0.0497		mg/Kg		99	70 - 125
Trichlorofluoromethane	0.0500	0.0523		mg/Kg		105	55 - 128
Vinyl chloride	0.0500	0.0416		mg/Kg		83	64 - 126
Xylenes, Total	0.100	0.100		mg/Kg		100	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

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

Lab Sample ID: MB 500-540559/1-A
Matrix: Solid
Analysis Batch: 540626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.036		0.17	0.036	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
1,2-Dichlorobenzene	<0.040		0.17	0.040	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
1,3-Dichlorobenzene	<0.037		0.17	0.037	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
1,4-Dichlorobenzene	<0.043		0.17	0.043	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		04/30/20 16:33	05/01/20 10:45	1

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

Lab Sample ID: MB 500-540559/1-A
Matrix: Solid
Analysis Batch: 540626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	<0.039		0.17	0.039	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,4,5-Trichlorophenol	<0.076		0.33	0.076	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,4,6-Trichlorophenol	<0.11		0.33	0.11	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,4-Dichlorophenol	<0.079		0.33	0.079	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,4-Dimethylphenol	<0.13		0.33	0.13	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,4-Dinitrophenol	<0.59		0.67	0.59	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,4-Dinitrotoluene	<0.053		0.17	0.053	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2,6-Dinitrotoluene	<0.065		0.17	0.065	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2-Chloronaphthalene	<0.037		0.17	0.037	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2-Chlorophenol	<0.057		0.17	0.057	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2-Methylphenol	<0.053		0.17	0.053	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2-Nitroaniline	<0.045		0.17	0.045	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
2-Nitrophenol	<0.079		0.33	0.079	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
3 & 4 Methylphenol	<0.055		0.17	0.055	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
3,3'-Dichlorobenzidine	<0.047		0.17	0.047	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
3-Nitroaniline	<0.10		0.33	0.10	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4,6-Dinitro-2-methylphenol	<0.27		0.67	0.27	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4-Bromophenyl phenyl ether	<0.044		0.17	0.044	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4-Chloro-3-methylphenol	<0.11		0.33	0.11	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4-Chloroaniline	<0.16		0.67	0.16	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4-Chlorophenyl phenyl ether	<0.039		0.17	0.039	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4-Nitroaniline	<0.14		0.33	0.14	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
4-Nitrophenol	<0.32		0.67	0.32	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Anthracene	<0.0056		0.033	0.0056	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzoic acid	<0.33		1.7	0.33	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Benzyl alcohol	<0.33		0.67	0.33	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Bis(2-chloroethoxy)methane	<0.034		0.17	0.034	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Bis(2-chloroethyl)ether	<0.050		0.17	0.050	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Bis(2-ethylhexyl) phthalate	<0.061		0.17	0.061	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Butyl benzyl phthalate	<0.063		0.17	0.063	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Carbazole	<0.083		0.17	0.083	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Dibenzofuran	<0.039		0.17	0.039	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Diethyl phthalate	<0.056		0.17	0.056	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Dimethyl phthalate	<0.043		0.17	0.043	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Di-n-butyl phthalate	<0.051		0.17	0.051	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Di-n-octyl phthalate	<0.054		0.17	0.054	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Hexachlorobenzene	<0.0077		0.067	0.0077	mg/Kg		04/30/20 16:33	05/01/20 10:45	1

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

Lab Sample ID: MB 500-540559/1-A
Matrix: Solid
Analysis Batch: 540626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.052		0.17	0.052	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Hexachlorocyclopentadiene	<0.19		0.67	0.19	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Hexachloroethane	<0.051		0.17	0.051	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Isophorone	<0.037		0.17	0.037	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Nitrobenzene	<0.0083		0.033	0.0083	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
N-Nitrosodi-n-propylamine	<0.041		0.067	0.041	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
N-Nitrosodiphenylamine	<0.039		0.17	0.039	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Pentachlorophenol	<0.53		0.67	0.53	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Phenol	<0.074		0.17	0.074	mg/Kg		04/30/20 16:33	05/01/20 10:45	1
Pyrene	<0.0066		0.033	0.0066	mg/Kg		04/30/20 16:33	05/01/20 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*31 - 143*	*04/30/20 16:33*	*05/01/20 10:45*	*1*
2-Fluorobiphenyl (Surr)	*96*		*43 - 145*	*04/30/20 16:33*	*05/01/20 10:45*	*1*
2-Fluorophenol (Surr)	*93*		*31 - 166*	*04/30/20 16:33*	*05/01/20 10:45*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*04/30/20 16:33*	*05/01/20 10:45*	*1*
Phenol-d5 (Surr)	*95*		*30 - 153*	*04/30/20 16:33*	*05/01/20 10:45*	*1*
Terphenyl-d14 (Surr)	*97*		*42 - 157*	*04/30/20 16:33*	*05/01/20 10:45*	*1*

Lab Sample ID: LCS 500-540559/2-A
Matrix: Solid
Analysis Batch: 540626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1.33	1.19		mg/Kg		89	66 - 117
1,2-Dichlorobenzene	1.33	1.07		mg/Kg		80	62 - 110
1,3-Dichlorobenzene	1.33	1.04		mg/Kg		78	65 - 124
1,4-Dichlorobenzene	1.33	1.05		mg/Kg		79	61 - 110
1-Methylnaphthalene	1.33	1.16		mg/Kg		87	68 - 111
2,2'-oxybis[1-chloropropane]	1.33	0.707		mg/Kg		53	40 - 124
2,4,5-Trichlorophenol	1.33	1.16		mg/Kg		87	50 - 120
2,4,6-Trichlorophenol	1.33	1.14		mg/Kg		86	57 - 120
2,4-Dichlorophenol	1.33	1.17		mg/Kg		88	58 - 120
2,4-Dimethylphenol	1.33	1.05		mg/Kg		79	60 - 110
2,4-Dinitrophenol	2.67	<0.59		mg/Kg		20	10 - 100
2,4-Dinitrotoluene	1.33	1.29		mg/Kg		97	69 - 124
2,6-Dinitrotoluene	1.33	1.30		mg/Kg		97	70 - 123
2-Chloronaphthalene	1.33	1.14		mg/Kg		86	69 - 114
2-Chlorophenol	1.33	1.12		mg/Kg		84	64 - 110
2-Methylnaphthalene	1.33	1.17		mg/Kg		88	69 - 112
2-Methylphenol	1.33	1.09		mg/Kg		82	60 - 120
2-Nitroaniline	1.33	0.928		mg/Kg		70	57 - 124
2-Nitrophenol	1.33	1.20		mg/Kg		90	60 - 120
3 & 4 Methylphenol	1.33	1.01		mg/Kg		76	57 - 120
3,3'-Dichlorobenzidine	1.33	1.03		mg/Kg		77	35 - 128

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

Lab Sample ID: LCS 500-540559/2-A
Matrix: Solid
Analysis Batch: 540626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	1.33	1.04		mg/Kg		78	40 - 122
4,6-Dinitro-2-methylphenol	2.67	1.37		mg/Kg		51	10 - 110
4-Bromophenyl phenyl ether	1.33	1.32		mg/Kg		99	68 - 118
4-Chloro-3-methylphenol	1.33	1.14		mg/Kg		85	65 - 122
4-Chloroaniline	1.33	1.10		mg/Kg		82	30 - 150
4-Chlorophenyl phenyl ether	1.33	1.13		mg/Kg		85	62 - 119
4-Nitroaniline	1.33	1.06		mg/Kg		79	60 - 160
4-Nitrophenol	2.67	1.59		mg/Kg		60	30 - 122
Acenaphthene	1.33	1.16		mg/Kg		87	65 - 124
Acenaphthylene	1.33	1.18		mg/Kg		89	68 - 120
Anthracene	1.33	1.20		mg/Kg		90	70 - 114
Benzo[a]anthracene	1.33	1.16		mg/Kg		87	67 - 122
Benzo[a]pyrene	1.33	1.25		mg/Kg		94	65 - 133
Benzo[b]fluoranthene	1.33	1.31		mg/Kg		98	69 - 129
Benzo[g,h,i]perylene	1.33	1.30		mg/Kg		97	72 - 131
Benzo[k]fluoranthene	1.33	1.20		mg/Kg		90	68 - 127
Benzoic acid	2.67	1.01	J	mg/Kg		38	10 - 100
Benzyl alcohol	1.33	1.08		mg/Kg		81	21 - 139
Bis(2-chloroethoxy)methane	1.33	1.11		mg/Kg		83	60 - 112
Bis(2-chloroethyl)ether	1.33	1.08		mg/Kg		81	55 - 111
Bis(2-ethylhexyl) phthalate	1.33	1.02		mg/Kg		76	72 - 131
Butyl benzyl phthalate	1.33	1.07		mg/Kg		80	71 - 129
Carbazole	1.33	1.16		mg/Kg		87	65 - 142
Chrysene	1.33	1.24		mg/Kg		93	63 - 120
Dibenz(a,h)anthracene	1.33	1.31		mg/Kg		99	64 - 131
Dibenzofuran	1.33	1.17		mg/Kg		87	66 - 115
Diethyl phthalate	1.33	1.04		mg/Kg		78	58 - 120
Dimethyl phthalate	1.33	1.16		mg/Kg		87	69 - 116
Di-n-butyl phthalate	1.33	1.18		mg/Kg		88	65 - 120
Di-n-octyl phthalate	1.33	1.14		mg/Kg		85	68 - 134
Fluoranthene	1.33	1.27		mg/Kg		95	62 - 120
Fluorene	1.33	1.15		mg/Kg		86	62 - 120
Hexachlorobenzene	1.33	1.40		mg/Kg		105	63 - 124
Hexachlorobutadiene	1.33	1.09		mg/Kg		82	56 - 120
Hexachlorocyclopentadiene	1.33	0.358	J	mg/Kg		27	10 - 133
Hexachloroethane	1.33	0.957		mg/Kg		72	60 - 114
Indeno[1,2,3-cd]pyrene	1.33	1.32		mg/Kg		99	68 - 130
Isophorone	1.33	1.03		mg/Kg		77	55 - 110
Naphthalene	1.33	1.19		mg/Kg		89	63 - 110
Nitrobenzene	1.33	1.02		mg/Kg		77	60 - 116
N-Nitrosodi-n-propylamine	1.33	0.871		mg/Kg		65	56 - 118
N-Nitrosodiphenylamine	1.33	1.31		mg/Kg		98	65 - 112
Pentachlorophenol	2.67	1.63		mg/Kg		61	13 - 112
Phenanthrene	1.33	1.18		mg/Kg		89	62 - 120
Phenol	1.33	1.19		mg/Kg		89	56 - 122
Pyrene	1.33	1.24		mg/Kg		93	61 - 128

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

Lab Sample ID: LCS 500-540559/2-A
Matrix: Solid
Analysis Batch: 540626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540559

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	100		31 - 143
2-Fluorobiphenyl (Surr)	88		43 - 145
2-Fluorophenol (Surr)	95		31 - 166
Nitrobenzene-d5 (Surr)	75		37 - 147
Phenol-d5 (Surr)	96		30 - 153
Terphenyl-d14 (Surr)	98		42 - 157

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 500-540673/1-A
Matrix: Solid
Analysis Batch: 540700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00033		0.0017	0.00033	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
4,4'-DDE	<0.00028		0.0017	0.00028	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
4,4'-DDT	<0.00088		0.0017	0.00088	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Aldrin	<0.00069		0.0017	0.00069	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
alpha-BHC	<0.00042		0.0017	0.00042	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
cis-Chlordane	<0.00085		0.0017	0.00085	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
beta-BHC	<0.00052		0.0017	0.00052	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
delta-BHC	<0.00053		0.0017	0.00053	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Dieldrin	<0.00023		0.0017	0.00023	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Endosulfan I	<0.00073		0.0017	0.00073	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Endosulfan II	<0.00027		0.0017	0.00027	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Endosulfan sulfate	<0.00031		0.0017	0.00031	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Endrin	<0.00023		0.0017	0.00023	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Endrin aldehyde	<0.00028		0.0017	0.00028	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Endrin ketone	<0.00038		0.0017	0.00038	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
gamma-BHC (Lindane)	<0.00036		0.0017	0.00036	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
trans-Chlordane	<0.00044		0.0017	0.00044	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Heptachlor	<0.00070		0.0017	0.00070	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Heptachlor epoxide	<0.00059		0.0017	0.00059	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Methoxychlor	<0.00032		0.0083	0.00032	mg/Kg		05/01/20 07:43	05/04/20 11:22	1
Toxaphene	<0.0070		0.017	0.0070	mg/Kg		05/01/20 07:43	05/04/20 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		33 - 148	05/01/20 07:43	05/04/20 11:22	1
Tetrachloro-m-xylene	90		30 - 121	05/01/20 07:43	05/04/20 11:22	1

Lab Sample ID: LCS 500-540673/2-A
Matrix: Solid
Analysis Batch: 540700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.0133	0.0110		mg/Kg		82	47 - 137
4,4'-DDE	0.0133	0.0112		mg/Kg		84	50 - 130
4,4'-DDT	0.0133	0.0111		mg/Kg		83	46 - 143

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 500-540673/2-A
Matrix: Solid
Analysis Batch: 540700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.0133	0.0106		mg/Kg		80	52 - 122
alpha-BHC	0.0133	0.0105		mg/Kg		79	50 - 123
cis-Chlordane	0.0133	0.0110		mg/Kg		83	52 - 129
beta-BHC	0.0133	0.0132		mg/Kg		99	44 - 140
delta-BHC	0.0133	0.0112		mg/Kg		84	57 - 125
Dieldrin	0.0133	0.0111		mg/Kg		83	51 - 133
Endosulfan I	0.0133	0.0110		mg/Kg		83	30 - 120
Endosulfan II	0.0133	0.0121		mg/Kg		90	30 - 120
Endosulfan sulfate	0.0133	0.0116		mg/Kg		87	42 - 150
Endrin	0.0133	0.0111		mg/Kg		83	43 - 144
Endrin aldehyde	0.0133	0.0116		mg/Kg		87	39 - 131
Endrin ketone	0.0133	0.0117		mg/Kg		88	51 - 135
gamma-BHC (Lindane)	0.0133	0.0107		mg/Kg		80	50 - 122
trans-Chlordane	0.0133	0.0111		mg/Kg		83	52 - 132
Heptachlor	0.0133	0.0102		mg/Kg		77	53 - 129
Heptachlor epoxide	0.0133	0.0114		mg/Kg		86	50 - 139
Methoxychlor	0.0133	0.0119		mg/Kg		89	45 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*112*		*33 - 148*
Tetrachloro-m-xylene	*89*		*30 - 121*

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

Lab Sample ID: MB 500-540673/1-A
Matrix: Solid
Analysis Batch: 540701

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		05/01/20 07:43	05/04/20 08:42	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		05/01/20 07:43	05/04/20 08:42	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		05/01/20 07:43	05/04/20 08:42	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		05/01/20 07:43	05/04/20 08:42	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		05/01/20 07:43	05/04/20 08:42	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		05/01/20 07:43	05/04/20 08:42	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		05/01/20 07:43	05/04/20 08:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*49 - 129*	*05/01/20 07:43*	*05/04/20 08:42*	*1*
DCB Decachlorobiphenyl	*100*		*37 - 121*	*05/01/20 07:43*	*05/04/20 08:42*	*1*

Lab Sample ID: LCS 500-540673/3-A
Matrix: Solid
Analysis Batch: 540701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.167	0.159		mg/Kg		96	57 - 120
PCB-1260	0.167	0.159		mg/Kg		96	61 - 125

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

Lab Sample ID: LCS 500-540673/3-A
Matrix: Solid
Analysis Batch: 540701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540673

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*49 - 129*
DCB Decachlorobiphenyl	*109*		*37 - 121*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 500-539919/1-A
Matrix: Solid
Analysis Batch: 540131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 539919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.081		0.33	0.081	mg/Kg		04/27/20 16:00	04/29/20 00:52	10
2,4-D	<0.094		0.33	0.094	mg/Kg		04/27/20 16:00	04/29/20 00:52	10
2,4-DB	<0.098		0.33	0.098	mg/Kg		04/27/20 16:00	04/29/20 00:52	10
Dicamba	<0.069		0.33	0.069	mg/Kg		04/27/20 16:00	04/29/20 00:52	10
Dichlorprop	<0.090		0.33	0.090	mg/Kg		04/27/20 16:00	04/29/20 00:52	10
Silvex (2,4,5-TP)	<0.085		0.33	0.085	mg/Kg		04/27/20 16:00	04/29/20 00:52	10

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*54*		*25 - 120*	*04/27/20 16:00*	*04/29/20 00:52*	*10*

Lab Sample ID: LCS 500-539919/2-A
Matrix: Solid
Analysis Batch: 540131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 539919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-T	1.34	0.698		mg/Kg		52	25 - 115
2,4-D	1.35	0.578		mg/Kg		43	20 - 115
2,4-DB	1.35	0.633		mg/Kg		47	20 - 120
Dicamba	1.34	0.662		mg/Kg		49	25 - 110
Dichlorprop	1.34	0.658		mg/Kg		49	25 - 110
Silvex (2,4,5-TP)	1.34	0.638		mg/Kg		48	29 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*46*		*25 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-540156/1-A
Matrix: Solid
Analysis Batch: 540327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		04/28/20 18:21	04/29/20 09:57	1
Barium	<0.11		1.0	0.11	mg/Kg		04/28/20 18:21	04/29/20 09:57	1
Cadmium	0.0541	J	0.20	0.036	mg/Kg		04/28/20 18:21	04/29/20 09:57	1
Chromium	<0.50		1.0	0.50	mg/Kg		04/28/20 18:21	04/29/20 09:57	1
Lead	<0.23		0.50	0.23	mg/Kg		04/28/20 18:21	04/29/20 09:57	1
Selenium	<0.59		1.0	0.59	mg/Kg		04/28/20 18:21	04/29/20 09:57	1

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

Lab Sample ID: MB 500-540156/1-A
Matrix: Solid
Analysis Batch: 540327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.13		0.50	0.13	mg/Kg		04/28/20 18:21	04/29/20 09:57	1

Lab Sample ID: LCS 500-540156/2-A
Matrix: Solid
Analysis Batch: 540327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.0	8.49		mg/Kg		85	80 - 120
Barium	200	180		mg/Kg		90	80 - 120
Cadmium	5.00	4.28		mg/Kg		86	80 - 120
Chromium	20.0	17.2		mg/Kg		86	80 - 120
Lead	10.0	8.36		mg/Kg		84	80 - 120
Selenium	10.0	8.04		mg/Kg		80	80 - 120
Silver	5.00	4.15		mg/Kg		83	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-540302/12-A
Matrix: Solid
Analysis Batch: 540516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 540302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		04/29/20 13:25	04/30/20 09:19	1

Lab Sample ID: LCS 500-540302/13-A
Matrix: Solid
Analysis Batch: 540516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 540302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.158		mg/Kg		95	80 - 120

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-B-10 (3'-4')
Lab Sample ID: 500-181124-1
Date Collected: 04/23/20 10:05
Matrix: Solid
Date Received: 04/24/20 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	540087	04/28/20 10:47	LWN	TAL CHI

Client Sample ID: 40392-B-10 (3'-4')
Lab Sample ID: 500-181124-1
Date Collected: 04/23/20 10:05
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			540382	04/25/20 18:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	540650	05/01/20 17:48	JDD	TAL CHI
Total/NA	Prep	3541			540559	04/30/20 16:33	ACK	TAL CHI
Total/NA	Analysis	8270D		1	540626	05/01/20 12:46	PMF	TAL CHI
Total/NA	Prep	3541			540673	05/01/20 07:43	BSO	TAL CHI
Total/NA	Analysis	8081A		1	540700	05/04/20 14:11	PJ1	TAL CHI
Total/NA	Prep	3541			540673	05/01/20 07:43	BSO	TAL CHI
Total/NA	Analysis	8082A		1	540701	05/04/20 10:45	BJH	TAL CHI
Total/NA	Prep	8151A			539919	04/27/20 16:00	JP1	TAL CHI
Total/NA	Analysis	8151A		10	540131	04/29/20 05:44	JBJ	TAL CHI
Total/NA	Prep	3050B			540156	04/28/20 18:21	BDE	TAL CHI
Total/NA	Analysis	6010B		1	540327	04/29/20 10:54	JEF	TAL CHI
Total/NA	Prep	7471A			540302	04/29/20 13:25	MJG	TAL CHI
Total/NA	Analysis	7471A		1	540516	04/30/20 10:03	MJG	TAL CHI

Client Sample ID: 40392-B-11 (2'-3')
Lab Sample ID: 500-181124-2
Date Collected: 04/23/20 11:10
Matrix: Solid
Date Received: 04/24/20 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	540087	04/28/20 10:47	LWN	TAL CHI

Client Sample ID: 40392-B-11 (2'-3')
Lab Sample ID: 500-181124-2
Date Collected: 04/23/20 11:10
Matrix: Solid
Date Received: 04/24/20 09:30
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			540382	04/25/20 18:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	540650	05/01/20 18:12	JDD	TAL CHI
Total/NA	Prep	3541			540559	04/30/20 16:33	ACK	TAL CHI
Total/NA	Analysis	8270D		1	540626	05/01/20 13:10	PMF	TAL CHI
Total/NA	Prep	3541			540673	05/01/20 07:43	BSO	TAL CHI
Total/NA	Analysis	8081A		1	540700	05/04/20 14:31	PJ1	TAL CHI
Total/NA	Prep	3541			540673	05/01/20 07:43	BSO	TAL CHI
Total/NA	Analysis	8082A		1	540701	05/04/20 11:00	BJH	TAL CHI
Total/NA	Prep	8151A			539919	04/27/20 16:00	JP1	TAL CHI
Total/NA	Analysis	8151A		10	540131	04/29/20 06:03	JBJ	TAL CHI

Lab Chronicle

Client: K. Singh & Associates, Inc
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

Client Sample ID: 40392-B-11 (2'-3')
Date Collected: 04/23/20 11:10
Date Received: 04/24/20 09:30

Lab Sample ID: 500-181124-2
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			540156	04/28/20 18:21	BDE	TAL CHI
Total/NA	Analysis	6010B		1	540327	04/29/20 10:58	JEF	TAL CHI
Total/NA	Prep	7471A			540302	04/29/20 13:25	MJG	TAL CHI
Total/NA	Analysis	7471A		1	540516	04/30/20 10:06	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
Job ID: 500-181124-1
Project/Site: Community Within the Corridor - 40392

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

KSingh | Engineers Scientists Consultants

CHAIN OF CUSTODY RECORD
LUST PROGRAM
FORM 4400-151

500-181124

Sample Collector(s)	Title	Telephone # (incl. area code)	Report To
Kyle Vander Heiden	Env. Tech. and Staff Geologist	(262) 821-1171	Kyle Vander Heiden (kvanderheiden@ksinghengineering.com)
Property Owner	Property Address	Telephone # (incl. area code)	KSingh Project #
Community Within the Corridor	West Center Street & North 32nd Street, Milwaukee, WI	N/A	40392

500-181124 COC

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

Laboratory Name: TestAmerica

Relinquished By (Signature)	Date/Time	Received By (Signature)	Temperature Blank: 3.3
	4/23 13:15		If samples were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for the temperature blank.
Relinquished By (Signature)	Date/Time	Received By (Signature)	
	4-23-20 17:00	4/24/20 0930	

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

Date Collected	Time Collected	Samples: Type (1)	Samples: Device	Location/Description (2)	VOCs	SVOCs	RCRA Metals	PCBs	Pesticides	Herbicides							Sample Condition: # / Type of Container: 40mL MeOH	8 oz Glass Jar	Other	Other	--- 2 oz Container
04/23/20	10:05	Soil	Hand Auger	40392-B-10 (3'-4')	x	x	x	x	x	x							1	1			1
04/23/20	11:10	Soil	Hand Auger	40392-B-11 (2'-3')	x	x	x	x	x	x							1	1			1

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES

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

DEPARTMENT USE ONLY

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

Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-181124-1

Login Number: 181124
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3
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	