BROWNFIELD CLEANUP PROGRAM APPLICATION

Location:
58 Church street
Village of Arcade
Wyoming County, NY

Prepared for:
58 Church Street, LLC
500 Seneca Street, Suite 504
Buffalo, NY 14204

LaBella Project No. 2260130

February 2026
(revised March 2026)

LaBella
Powered by partnership.

300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p (716) 551-6281

TABLE OF CONTENTS

NEW YORK STATE | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

SUBMITTAL INSTRUCTIONS:

1. Compile the application package in the following manner:
   a. one file in non-fillable PDF which includes a Table of Contents, the application form, and supplemental information (excluding the previous environmental reports and work plans, if applicable);
   b. one individual file (PDF) of each previous environmental report; and,
   c. one file (PDF) of each work plan being submitted with the application, if applicable.
2. *OPTIONAL: Compress all files (PDFs) into one zipped/compressed folder
3. Submit the application to the Site Control Section either via NYSDEC dropbox or ground mail, as described below.
   Please select only ONE submittal method – do NOT submit both via dropbox and ground mail.
   a. VIA SITE CONTROL DROPBOX:
      - Request an invitation to upload files to the Site Control submittal dropbox.
      - In the "Title" field, please include the following: "New BCP Application - *Proposed Site Name*".
      - After uploading files, an automated email will be sent to the submitter's email address with a link to verify the status of the submission. Please do not send a separate email to confirm receipt.
      - Application packages submitted through third-party file transfer services will not be accepted.
   a. VIA GROUND MAIL:
      - Save the application file(s) and cover letter to an external storage device (e.g., thumb drive, flash drive). Do NOT include paper copies of the application or attachments.
      - Mail the external storage device to the following address:
        Chief, Site Control Section
        Division of Environmental Remediation
        625 Broadway, 12th Floor
        Albany, NY 12233-7015

SITE NAME: 58 Church Street	
Is this an application to amend an existing BCA with a major modification? Please refer to the application instructions for further guidance related to BCA amendments. If yes, provide existing site number: _____	○ **Yes** ◉ **No**
Is this a revised submission of an incomplete application? If yes, provide existing site number: BCP #C961016	◉ **Yes** ○ **No**

NEW YORK STATE | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

BCP App Rev 17 – October 2025

SECTION I: Property Information

PROPOSED SITE NAME 58 Church Street

ADDRESS/LOCATION 58 Church Street

CITY/TOWN Arcade | ZIP CODE 14009

MUNICIPALITY (LIST ALL IF MORE THAN ONE) Village of Arcade

COUNTY Wyoming | SITE SIZE (ACRES) 9.770

LATITUDE			LONGITUDE		
42 °	32 ‘	09.73N “	78 °	25 ‘	32.86W “

Provide tax map information for all tax parcels included within the proposed site boundary below. If a portion of any lot is to be included, please indicate as such by inserting “p/o” in front of the lot number in the appropriate box below, and only include the acreage for that portion of the tax parcel in the corresponding acreage column.

ATTACH REQUIRED TAX MAPS PER THE APPLICATION INSTRUCTIONS.

Parcel Address	Section	Block	Lot	Acreage
58 Church Street, Arcade, NY 14009	183.9	1	p/o 32.11	9.77

	Y	N
1. Do the proposed site boundaries correspond to tax map metes and bounds? If no, please attach an accurate map of the proposed site including a metes and bounds description.	○	◉
2. Is the required property map, provided in electronic format, included with the application? (Application will not be processed without a map)	◉	○
3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See *DEC’s website* for more information) If yes, identify census tract: _____ Percentage of property in En-zone (check one): ◉ 0% ○ 1-49% ○ 50-99% ○ 100%	○	◉
4. Is the project located within a disadvantaged community? See application instructions for additional information.	○	◉
5. Is the project located within a NYS Department of State (NYS DOS) Brownfield Opportunity Area (BOA)? See application instructions for additional information.	○	◉
6. Is this application one of multiple applications for a large development project, where the development spans more than 25 acres (see additional criteria in application instructions)? If yes, identify names of properties and site numbers, if available, in related BCP applications: _____	○	◉

SECTION I: Property Information (continued)	Y	N
7. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application?	○	◉
8. Has the property previously been remediated pursuant to Titles 9, 13 or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law? If yes, attach relevant supporting documentation.	○	◉
9. Are there any lands under water? If yes, these lands should be clearly delineated on the site map.	○	◉
10. Has the property been the subject of or included in a previous BCP application? If yes, please provide the DEC site number: _____	○	◉
11. Is the site currently listed on the Registry of Inactive Hazardous Waste Disposal Sites (Class 2, 3, or 4) or identified as a Potential Site (Class P)? If yes, please provide the DEC site number: _____ Class: ___	○	◉
12. Are there any easements or existing rights-of-way that would preclude remediation in these areas? If yes, identify each here and attach appropriate information. Easement/Right-of-Way Holder — Description	○	◉
13. List of permits issued by the DEC or USEPA relating to the proposed site (describe below or attach appropriate information): Type: SPDES — Issuing Agency: NYSDEC — Description: DEC No. 9-5620-0067/00001	◉	○
14. Property Description and Environmental Assessment – please refer to the application instructions for the proper format of each narrative requested. Are the Property Description and Environmental Assessment narratives included in the prescribed format?	◉	○

Note: Questions 15 through 17 below pertain ONLY to proposed sites located within the five counties comprising New York City.

	Y	N
15. Is the Requestor seeking a determination that the site is eligible for tangible property tax credits? If yes, Requestor must answer the Supplemental Questions for Sites Seeking Tangible Property Credits Located in New York City ONLY on pages 11-13 of this form.	○	○
16. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down?	○	○
17. If you have answered *YES* to Question 16 above, is an independent appraisal of the value of the property, as of the date of application, prepared under the hypothetical condition that the property is not contaminated, included with the application?	○	○

NOTE: If a tangible property tax credit determination is not being requested at the time of application, the applicant may seek this determination at any time before issuance of a Certificate of Completion by using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.

If any changes to Section I are required prior to application approval, a new page, initialed by each Requestor, must be submitted with the application revisions.
Initials of each Requestor:

_____ _____ _____ _____ _____ _____

SECTION II: Project Description

1. The project will be starting at: (●) Investigation ( ) Remediation

If the project is proposed to start at the remediation stage, at a minimum, a Remedial Investigation Report (RIR) must be included, resulting in a 30-day public comment period. If an Alternatives Analysis and Remedial Action Work Plan (RAWP) are also included (see *DER-10, Technical Guidance for Site Investigation and Remediation* for further guidance), then a 45-day public comment period is required.

2. If a final RIR is included, does it meet the requirements in ECL Article 27-1415(2)?

( ) Yes ( ) No (●) N/A

3. Have any draft work plans been submitted with the application (select all that apply)?

[ ] RIWP [ ] RAWP [ ] IRM [✓] No

4a. Please provide a short description of the overall project development, including a complete project schedule with all key BCP program milestones through issuance of the Certificate of Completion. Include DEC/DOH review times in the schedule (best efforts to review documents within 45 days pursuant to 6 NYCRR Part 375-3.6(b)).
Is this information attached? (●) Yes ( ) No

4b. Please include in the project schedule the dates of any outside public or private funding source deadlines with the associated BCP milestones, e.g., NYC HPD or NYS HCR funding deadlines, or private funding interim milestones from loan documents, that depend on a particular BCP milestone such as a work plan or report approval, decision document issuance, etc.

Is this information clearly identified in the BCP project schedule? (●) Yes ( ) No ( ) N/A

Beginning January 1, 2024, all work plans and reports submitted for the BCP shall address Green and Sustainable Remediation (GSR) and DER-31 (see *DER-31, Green Remediation*). Work plans, reports and design documents will need to be certified in accordance with DER-31.

5. Please provide a description of how Green and Sustainable Remediation will be evaluated and incorporated throughout the remedial phases of the project including Remedial Investigation, Remedial Design/Remedial Action, and Site Management and reporting efforts.

Is this information attached? (●) Yes ( ) No

6. If the project is proposed to start at the remediation stage (Section 2, Item 1, above), a climate change screening or vulnerability assessment must have been completed. Is this attached?

( ) Yes (●) No

SECTION III: Ecological Concerns

	Y	N
1. Are there fish, wildlife, or ecological resources within a ½-mile radius of the site?	(●)	( )
2. Is there a potential path for contamination to potentially impact fish, wildlife or ecological resources?	(●)	( )
3. Is/are there a/any Contaminant(s) of Ecological Concern?	(●)	( )

If any of the conditions above exist, a Fish and Wildlife Resources Impact Analysis (FWRIA) Part I, as outlined in DER-10 Section 3.10.1, is required. The applicant may submit the FWRIA with the application or as part of the Remedial Investigation Report.

4. Is a Fish and Wildlife Resources Impact Analysis Part I included with this application? N/A ( )	( )	(●)

SECTION IV: Land Use Factors		
1. What is the property's current municipal zoning designation? R3 - Medium Density Residential		
2. What uses are allowed by the property's current zoning (select all that apply)? Residential ☑ Commercial ☑ Industrial ☐		
3. Current use (select all that apply): Residential ☐ Commercial ☐ Industrial ☐ Recreational ☐ Vacant ☑		
	Y	**N**
4. Please provide a summary of current business operations or uses, with an emphasis on identifying possible contaminant source areas. If operations or uses have ceased, provide the date by which the site became vacant. Is this summary included with the application?	◉	○
5. Reasonably anticipated post-remediation use (check all that apply): Residential ☑ Commercial ☑ Industrial ☐		
If residential, does it qualify as single-family housing? N/A ○	○	◉
6. Please provide a statement detailing the specific proposed post-remediation use. Is this summary attached?	◉	○
7. Is the proposed post-remediation use a renewable energy facility? See application instructions for additional information.	○	◉
8. Do current and/or recent development patterns support the proposed use?	◉	○
9. Is the proposed use consistent with applicable zoning laws/maps? Please provide a brief explanation. Include additional documentation if necessary.	◉	○
10. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Please provide a brief explanation. Include additional documentation if necessary.	◉	○

SECTION V: Current and Historical Property Owner and Operator Information			
CURRENT OWNER 58 Church Street, LLC			
CONTACT NAME Jason Wawro, Esq.			
ADDRESS 500 Seneca Street, Suite 504			
CITY Buffalo		STATE New York	ZIP CODE 14204
PHONE (585) 507-9174	EMAIL jwawro@fic-services.com		
OWNERSHIP START DATE December 16, 2024			
CURRENT OPERATOR N/A			
CONTACT NAME			
ADDRESS			
CITY		STATE	ZIP CODE
PHONE	EMAIL		
OPERATION START DATE			

SECTION VI: Property's Environmental History

All applications **must include** an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish that contamination of environmental media exists on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the site property and that the site requires remediation. To the extent that existing information/studies/reports are available to the requestor, please attach the following (***please submit information requested in this section in electronic format ONLY***):

1. **Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard (*ASTM E1903*). **Please submit a separate electronic copy of each report in Portable Document Format (PDF). Please do NOT submit paper copies of ANY supporting documents.**
2. **SAMPLING DATA: Indicate (by selecting the options below) known contaminants and the media which are known to have been affected. Data summary tables should be included as an attachment, with laboratory reports referenced and included.**

CONTAMINANT CATEGORY	SOIL	GROUNDWATER	SOIL GAS
Petroleum	☑	☑	☐
Chlorinated Solvents	☐	☐	☐
Other VOCs	☐	☐	☐
SVOCs	☑	☑	☐
Metals	☑	☑	☐
Pesticides	☐	☐	☐
PCBs	☑	☐	☐
PFAS	☐	☐	☐
1,4-dioxane	☐	☐	☐
Other – indicated below	☑	☐	☐

*Please describe other known contaminants and the media affected: Four unregistered USTs

3. For each impacted medium above, include a site drawing indicating:
   - Sample location
   - Date of sampling event
   - Key contaminants and concentration detected
   - For soil, highlight exceedances of reasonably anticipated use
   - For groundwater, highlight exceedances of 6 NYCRR part 703.5
   - For soil gas/soil vapor/indoor air, refer to the NYS Department of Health matrix and highlight exceedances that require mitigation

These drawings are to be representative of all data being relied upon to determine if the site requires remediation under the BCP. Drawings should be no larger than 11"x17" and should only be provided electronically. These drawings should be prepared in accordance with any guidance provided.

Are the required drawings included with this application? ◉ YES ○ NO

4. Indicate Past Land Uses (check all that apply):

☐ Coal Gas Manufacturing	☑ Manufacturing	☐ Agricultural Co-Op	☐ Dry Cleaner
☐ Salvage Yard	☐ Bulk Plant	☐ Pipeline	☐ Service Station
☐ Landfill	☐ Tannery	☐ Electroplating	☐ Unknown

Other:

SECTION VII: Requestor Information				
NAME 58 Church Street, LLC				
ADDRESS 500 Seneca Street, Suite 504				
CITY/TOWN Buffalo		STATE NY	ZIP CODE 14204	
PHONE (585) 507-9174	EMAIL jwawro@fic-services.com			

	Y	N
1. Is the requestor authorized to conduct business in New York State (NYS)?	◉	○
2. If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS DOS to conduct business in NYS, the requestor's name must appear, exactly as given above, in the *NYS Department of State's Corporation & Business Entity Database.* A print-out of entity information from the database must be submitted with this application to document that the requestor is authorized to conduct business in NYS. Is this attached?	◉	○
3. If the requestor is an LLC, a list of the names of the members/owners is required on a separate attachment. Is this attached? N/A ○	◉	○
4. Individuals that will be certifying BCP documents, as well as their employers, must meet the requirements of Section 1.5 of *DER-10: Technical Guidance for Site Investigation and Remediation* and Article 145 of New York State Education Law. Do all individuals that will be certifying documents meet these requirements? **Documents that are not properly certified will not be approved under the BCP.**	◉	○

SECTION VIII: Requestor Contact Information			
REQUESTOR'S REPRESENTATIVE Jason Wawro, Esq.			
ADDRESS 500 Seneca Street, Suite 504			
CITY Buffalo	STATE NY	ZIP CODE 14204	
PHONE (585) 507-9174	EMAIL jwawro@fic-services.com		
REQUESTOR'S CONSULTANT (CONTACT NAME) Andrew Benkleman			
COMPANY LaBella Associates, DPC			
ADDRESS 300 Pearl Street, Suite 130			
CITY Buffalo	STATE NY	ZIP CODE 14202	
PHONE (716) 551-6281	EMAIL abenkleman@labellapc.com		
REQUESTOR'S ATTORNEY (CONTACT NAME) Jason Wawro, Esq.			
COMPANY 58 Church Street LLC			
ADDRESS 500 Seneca Street, Suite 504			
CITY Buffalo	STATE NY	ZIP CODE 14204	
PHONE (585) 507-9147	EMAIL jwawro@fic-services.com		

SECTION IX: Program Fee		
Upon submission of an executed Brownfield Cleanup Agreement to the Department, the requestor is required to pay a non-refundable program fee of $50,000. Requestors may apply for a fee waiver with supporting documentation.		
	Y	**N**
1. Is the requestor applying for a fee waiver?	○	◉
2. If yes, appropriate documentation must be provided with the application. See application instructions for additional information. Is the appropriate documentation included with this application? N/A ◉	○	○

SECTION X: Requestor Eligibility		
If answering "yes" to any of the following questions, please provide appropriate explanation and/or documentation as an attachment.		
	Y	**N**
1. Are any enforcement actions pending against the requestor regarding this site?	○	◉
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site?	○	◉
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	◉
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the ECL Article 27; (ii) any order or determination; (iii) any regulation implementing Title 14; or (iv) any similar statute or regulation of the State or Federal government?	○	◉
5. Has the requestor previously been denied entry to the BCP? If so, please provide the site name, address, assigned DEC site number, the reason for denial, and any other relevant information regarding the denied application.	○	◉
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants?	○	◉
7. Has the requestor been convicted of a criminal offence (i) involving the handling, storing, treating, disposing or transporting or contaminants; or (ii) that involved a violent felony, fraud, bribery, perjury, theft or offense against public administration (as that term is used in Article 195 of the Penal Law) under Federal law or the laws of any state?	○	◉
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of DEC, or submitted a false statement or made use of a false statement in connection with any document or application submitted to DEC?	○	◉
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	○	◉
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	○	◉
11. Are there any unregistered bulk storage tanks on-site which require registration?	◉	○

SECTION X: Requestor Eligibility (continued)

12. The requestor must certify that he/she/they is/are either a participant or volunteer in accordance with ECL 27-1405(1) by checking one of the boxes below:

PARTICIPANT ☐	VOLUNTEER ☑
A requestor who either (1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum, or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum. NOTE: By selecting this option, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; and, (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. **If a requestor whose liability arises solely as a result of ownership, operation of, or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.**

13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?

◉ Yes ○ No ○ N/A

14. Requestor relationship to the property (check one; if multiple applicants, check all that apply):

○ Previous Owner ◉ Current Owner ○ Potential/Future Purchaser ○ Other: _____

If the requestor is not the current owner, **proof of site access sufficient to complete remediation must be provided.** Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an environmental easement on the site.

Is this proof attached? ○ Yes ○ No ◉ N/A

Note: A purchase contract or lease agreement does not suffice as proof of site access.

SECTION XI: Property Eligibility Information		
	Y	N
1. Is/was the property, or any portion of the property, listed on the National Priorities List? If yes, please provide additional information.	○	◉
2. Is/was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Site pursuant to ECL 27-1305? If yes, please provide the DEC site number: _____ Class: _____	○	◉
3. Is/was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? If yes, please provide: Permit Type: _____ EPA ID Number: _____ Date Permit Issued: _____ Permit Expiration Date: _____	○	◉
4. If the answer to question 2 or 3 above is *YES*, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? If yes, attach any available information related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filings and corporate dissolution documents. N/A ◉	○	○
5. Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10? If yes, please provide the order number: _____	○	◉
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? If yes, please provide additional information as an attachment.	○	◉

SECTION XII: Site Contact List

To be considered complete, the application must include the Brownfield Site Contact List in accordance with *DER-23: Citizen Participation Handbook for Remedial Programs*. Please attach, at a minimum, the names and mailing addresses of the following:

- The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
- Residents, owners, and occupants of the property and adjacent properties.
- Local news media from which the community typically obtains information.
- The public water supplier which services the area in which the property is located.
- Any person who has requested to be placed on the contact list.
- The administrator of any school or day care facility located on or near the property.
- The location of a document repository for the project (e.g., local library). **If the site is located in a city with a population of one million or more, add the appropriate community board as an additional document repository.** In addition, attach a copy of an acknowledgement from each repository indicating that it agrees to act as the document repository for the site.
- For sites located in the five counties comprising New York City, the Director of the Mayor's Office of Environmental Remediation.

SECTION XIII: Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____

Print Name: _____

(By a requestor other than an individual)

I hereby affirm that I am General Counsel (title) of 58 Church Street, LLC (entity); that I am authorized by that entity to make this application and execute a Brownfield Cleanup Agreement (BCA) and all subsequent documents; that this application was prepared by me or under my supervision and direction. If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: 3/3/26 Signature: _____

Print Name: JASON WAWRO

PLEASE REFER TO THE APPLICATION COVER PAGE AND BCP APPLICATION INSTRUCTIONS FOR DETAILS OF PAPERLESS DIGITAL SUBMISSION REQUIREMENTS.

FOR SITES SEEKING TANGIBLE PROPERTY CREDITS <u>IN NEW YORK CITY ONLY</u>
Sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27-1407(1-a) must be submitted if requestor is seeking this determination.
BCP App Rev 17

Please respond to the questions below and provide additional information and/or documentation as required. *Please refer to the application instructions.*	**Y**	**N**
1. Is the property located in Bronx, Kings, New York, Queens or Richmond County?	◯	◯
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	◯	◯
3. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)?	◯	◯
4. Is the property upside down or underutilized as defined below?		
Upside down	◯	◯
Underutilized	◯	◯

From ECL 27-1405(31):
"Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.

From 6 NYCRR 375-3.2(l) as of August 12, 2016 (Please note: Eligibility determination for the underutilized category can only be made at the time of application)**:**
375-3.2:

(l) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and
  (1) the proposed use is at least 75 percent for industrial uses; or
  (2) at which:
    (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;
    (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and
    (iii) one or more of the following conditions exists, as certified by the applicant:
      (a) property tax payments have been in arrears for at least five years immediately prior to the application;
      (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or
      (c) there are no structures.

"Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.

FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY (continued)

5. If you are seeking a formal determination as to whether your project is eligible for Tangible Property Tax Credits based in whole or in part on its status as an affordable housing project (defined below), you must attach the regulatory agreement with the appropriate housing agency (typically, these would be with the *New York City Department of Housing, Preservation and Development*; the *New York State Housing Trust Fund Corporation*; the *New York State Department of Housing and Community Renewal*; or the *New York State Housing Finance Agency*, though other entities may be acceptable pending Department review).
   Check appropriate box below:

   ◯ Project is an Affordable Housing Project – regulatory agreement attached

   ◯ Project is planned as Affordable Housing, but agreement is not yet available

   ◯ This is not an Affordable Housing Project

From 6 NYCRR 375-3.2(a) as of August 12, 2016:

(a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.

(1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income.

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income.

(3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States department of housing and urban development, or its successor, for a family of four, as adjusted for family size.

FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY (continued)

6. Is the site a planned renewable energy facility site as defined below?

   ◯ Yes – planned renewable energy facility site with documentation

   ◯ Pending – planned renewable energy facility awaiting documentation
   *Selecting this option will result in a "pending" status. The appropriate documentation will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.

   ◯ No – not a planned renewable energy facility site

   If yes, please provide any documentation available to demonstrate that the property is planned to be developed as a renewable energy facility site.

From ECL 27-1405(33) as of April 9, 2022:

"Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system.

From Public Service Law Article 4 Section 66-p as of April 23, 2021:

(b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.

7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and plans to meet the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law?

   ◯ Yes - *Selecting this option will result in a "pending" status, as a BOA conformance determination has not yet been made. Proof of conformance will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.

   ◯ No

From ECL 75-0111 as of April 9, 2022:

(5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.

BROWNFIELD CLEANUP PROGRAM APPLICATION

NARRATIVE & ATTACHMENTS

Location:
58 Church street
Village of Arcade
Wyoming County, NY

Prepared for:
58 Church Street, LLC
500 Seneca Street, Suite 504
Buffalo, NY 14204

LaBella Project No. 2260130

February 2026
(revised March 2026)

LaBella
Powered by partnership.

300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p (716) 551-6281

TABLE OF CONTENTS

FIGURES

FIGURES (CONTINUED)

TABLES

ATTACHMENTS

SECTION I: PROPERTY INFORMATION (QUESTION 14)

PROPERTY DESCRIPTION NARRATIVE

Location:

The Site is located at 58 Church Street in the Village of Arcade, Wyoming County, New York and consists of approximately 9.77 acres of vacant land that is situated in an area characterized by a mixture of residential, commercial and institutional properties (see Figure 1). As depicted in Figure 2, the Site is part of a larger tax parcel that encompasses approximately 14.35-acres. The Village of Arcade central business district is located approximately 550-feet southeast of the Site. The Site is bounded to the south by Cattaraugus Creek, to the east by Church Street, to the north by North Street and residential properties, and to the west by undeveloped land.

Site Features:

The Site features include concrete foundations and building slabs formerly associated with a manufacturing facility that was demolished in 2024, as well as aged asphalt and gravel roadways and parking areas that were associated with the previous manufacturing facility. Some pockets of mature trees and successional vegetation occur along the northern, western and southern perimeters of the site. The balance of the larger tax parcel consists of undeveloped land that is mapped as a forested/shrub wetland.

Current Zoning and Land Use:

The Site, which is zoned medium density residential, is currently vacant and inactive. An elementary school and associated outdoor recreational/sports area is situated directly south of the Site beyond Cattaraugus Creek, while the commercial district of the Village of Arcade is situated to the southeast. Single-family residential properties occur to the east of the Site, beyond Church Street, and along North Street to the north of the Site. Three residential properties abut the western portion of the Site to the north.

Past Use of the Site:

The Site formerly contained a manufacturing facility utilized to produce dairy and food products from 1906 through 2008. Historically, components of the facility included a blacksmith shop, oil house, cooperage, machine shop, rail sidings, filling station with orphaned Underground Storage Tanks (USTs), and wastewater treatment plant. Upon discovery of the unregistered USTs and the presence of petroleum impacts in the area surrounding the tanks and related fuel system components, an active NYSDEC Spill File (#1908745) was established in late 2019.

Between 2008 and 2022, unpermitted salvage activities occurred at the site, which generated construction and demolition debris comingled with Asbestos Containing Material (ACM) that was left on the Site. The removal of unsecured drums and containers of chemicals and waste liquids along with the controlled demolition of remaining structures and asbestos-contaminated debris on the Site was performed under a United States Environmental Protection Agency (USEPA) Brownfield Cleanup Grant in 2024. Prior use of the Site for manufacturing purposes has caused petroleum contamination in soil and groundwater on the eastern portion of the Site, as well as impacts to soil/fill in the vicinity of the former manufacturing facility footprint.

Site Geology and Hydrogeology:

During a prior investigation of the Site, fill material was encountered across the Site from below the vegetative cover or asphalt to depths ranging from 2 to 7 ft below ground surface (bgs). Fill material generally consisted of dark brown to gray fine and coarse sand with gravel, brick, coal and concrete throughout a majority of the Site. A 1 to 2 ft thick coal-like substance was observed at a depth of 2 to 4 ft bgs within the test pits excavated along the perimeter of the main plant building (see Figure 3). Intermingled brown clayey silt was observed in a few locations. Underlying indigenous soils across the Site generally consist of brown to gray-brown alluvial deposits consisting of a mixture of silt, sand and gravel. Groundwater was encountered on the Site at depths ranging from 4.9 - 13.08 ft bgs and groundwater flow direction was determined to be southward toward the discharge area represented by Cattaraugus Creek.

ENVIRONMENTAL ASSESSMENT

Based on investigations conducted to date, the primary contaminants of concern for the Site include petroleum hydrocarbons commonly associated with gasoline (i.e., Benzene, Toluene, Ethylbenzene, Xylene); Polycyclic Aromatic Hydrocarbons (PAHs); Polychlorinated Biphenyls (PCBs); and metals, including arsenic, lead and mercury.

UST Area

Four unregistered USTs were uncovered to the east of the former filling station building situated on the northeast corner of the Site. Based upon tank measurements, the approximate volumes of the USTs are as follows:

- UST #1: 1,000 gal
- UST#2: 1,000 gal
- UST #3: 500 gal
- UST #4: 4,000 gal

All of the tanks appeared to be of single-wall steel construction and were filled to capacity with fluids that resembled a mixture of water and petroleum product.

Soil/Fill - Petroleum odors, staining and elevated organic vapor readings were noted in the soil fill immediately surrounding the USTs and dispenser island to a depth of 12 ft bgs.

Volatile Organic Compounds (VOCs) commonly associated with gasoline were detected in all four subsurface soil/fill samples collected from the test pits completed in the vicinity of the former filling station. Concentrations of a handful of these contaminants, primarily Benzene, Toluene, Ethylbenzene and Xylene, collectively referred to as BTEX compounds, exceeded the CP-51 SCGs in three of the test pits completed proximate the UST field and former dispenser island. The highest frequency and concentration of VOC detections was found in UST Test Pit 2, situated between the UST field and former dispenser island. Mixed Xylenes were detected in the sample from this location at a concentration of 21,000 Parts Per Billion (PPB), which significantly exceeds the CP-51 SCG of 260 PPB.

One or more SVOCs were detected in all four subsurface soil/fill samples from this area of the Site; however, the concentrations of all of the detected compounds were below the CP-51 SCGs.

With the exception of arsenic in UST Test Pit 1, which was detected at a concentration that equaled the restricted residential use SCO, metals levels detected in all four subsurface soil/fill samples collected from the former filling station area were below the unrestricted use SCOs.

Groundwater – BTEX compounds were detected in the groundwater sample collected down-gradient from the UST field and former dispenser island at concentrations exceeding the Ambient Water Quality Standards (AWQS). The contaminant detected at the highest concentration in this sample was Ethylbenzene at 640 micrograms per liter (ug/l), which significantly exceeds the AWQS of 5 ug/l.

Two SVOCs (2-methylnaphthalene and naphthalene) were also detected in this sample at levels exceeding the AWQS. Naphthalene was detected at a concentration of 270 ug/l, which significantly exceeds the AWQS of 10 ug/l.

Concentrations of arsenic, barium, chromium, and lead were detected in one or both monitoring well samples collected in the UST area at levels exceeding the AWQS.

Former Plant Area

Soil/Fill – Elevated arsenic and/or lead levels were detected in all three surface soil samples collected from the Site. The arsenic concentration in the sample from the Test Pit 9 location was 72.1 PPM, which significantly exceeds the restricted residential, commercial and industrial SCOs (16 PPM).

Numerous SVOCs, primarily consisting of PAHs, were detected in five of the six subsurface soil/fill samples. Two PAHs (benzo[a] anthracene and

benzo[b]fluoranthene) were detected in the sample from Test Pit 5 at concentrations exceeding both the unrestricted and restricted residential SCOs.

Arsenic concentrations in three (Test Pits 3, 5 and 9) of the six subsurface soil/fill samples exceeded the unrestricted, restricted residential, commercial and industrial use SCOs. The highest arsenic concentration (73.8 PPM) was detected in the sample collected from Test Pit 9. The lead level detected in the sample from Test Pit 5 was 2,340 Parts Per Million (PPM), which also exceeded the restricted residential (400 PPM) and commercial (1,000 PPM) SCOs.

Groundwater - Concentrations of arsenic, barium, lead and mercury were detected in the groundwater sample collected downgradient from the plant at levels exceeding the AWQS.

Phase II ESA Report and Data Summary Tables

The Phase II ESA Report generated by LaBella in 2020 accompanies this application. The laboratory data from the samples collected and analyzed during the Phase II ESA are also provided in Attachment 5, while data summary tables identifying the contaminants detected at concentrations exceeding the restricted residential SCOs, the frequency of these detections and maximum contaminant concentrations are provided in the Tables section of this narrative.

SECTION II: PROJECT DESCRIPTION

POST-REMEDIATION USE AND PROJECT SCHEDULE (QUESTION 4)

58 Church Street, LLC is proposing to remediate and redevelop the Site with a mixed-use development anchored by a senior housing complex. The redevelopment plan envisions 80 market-rate apartments with attractive amenities and features targeted for seniors. A 2021 Market Study completed by NewMark Knight Frank on behalf of the developer concluded that there is market demand and support for a senior housing facility of this scale. Complementary business/commercial uses are also proposed on a portion of the Site. The area of the Site situated along the northern bank of Cattaraugus Creek will be preserved for recreation and natural resource conservation. The wetland area situated on the western edge of the Site and extending to the west on the larger tax parcel, will also be preserved for natural resource conservation purposes.

The housing component will likely consist of a multi-story, elevator-served building with a mix of one- and two-bedroom floorplans and an age restriction of 55+. A range of common amenities, surface and garage parking, and outdoor walking paths are envisioned. The commercial/business uses may occur on the first floor of the housing complex or within new, free-standing buildings and could include a range of functions including professional office, medical, etc.

The establishment of new housing within walking distance of the Village's downtown business district supports the recommendations of the Village of Arcade's 2005 downtown revitalization plan and 2024 Comprehensive Plan, while also being consistent with the current zoning of the Site. The developer intends to incorporate rooftop solar and energy efficient building techniques. Geothermal and air-source heat pumps will be considered to take advantage of the low-cost electricity available through the Arcade Electric Department, a municipally operated utility.

The project is located within a Potential Environmental Justice Area delineated by the NYSDEC. Cleanup and redevelopment will support construction jobs for the low-income residents of this area, stimulate the retail and service economy of the downtown business district which employs many local residents, and protect the health and safety of children attending the Pioneer Elementary School and those who reside in the adjoining neighborhood. Furthermore, redevelopment of the Site as proposed will preserve and enhance natural resources including 1,200 linear feet of streambank and approximately 4 acres of forested/schrub wetland (inclusive of wetlands on the larger tax parcel) within the community.

In 2024, federal funds with a local match were utilized to demolish and remove above-grade components of the former manufacturing facility, including drums of liquid waste and asbestos-contaminated debris. The purpose of this recent activity

was to remove physical and chemical hazards from the community, and re-position the Site for private sector cleanup and redevelopment using the BCP. Upon acceptance into the BCP, the following primary tasks are anticipated:

- Execute Brownfield Cleanup Agreement
- Prepare and Submit Remedial Investigation Work Plan (RIWP)
- Remove, process and reuse or properly dispose of concrete slabs that remain on-Site
- Conduct Remedial Investigation and Alternatives Analysis (RI/AA)
- Submit RI/AA Report
- Develop and Submit Remedial Action Work Plan (RAWP)
- Conduct Site Design and Submit Application for Site Plan Approval (including SEQRA Environmental Assessment Form)
- Implement RAWP, including UST removals and remediation of soil/fill and groundwater
- Advance Design Development for Buildings
- Generate and Submit Final Engineering Report
- Obtain Certificate of Completion
- Complete Construction Documents for Buildings
- Obtain Building Permit
- Contractor Procurement
- Site/Building Construction
- Obtain Certificate of Occupancy

A detailed project schedule with key milestones is presented in Attachment 2.

GREEN AND SUSTAINABLE REMEDIATION (QUESTIONS 5-6)

The following subsections describe the green and sustainable remediation principles to be evaluated and incorporated into each phase of the project. Principles and practices suggested in the NYSDEC *Green Remediation Program Policy: DER-31* (2010) and in USEPA Office of Land and Emergency Management publications: *Green Remediation Best Management Practices – Site Investigation and Environmental Monitoring* (2016) and *Principles for Greener Cleanups* (2009) were referenced in the development of these strategies and objectives.

Remedial Investigation/Alternatives Analysis

Efforts relating to the planning and implementation of the Remedial investigation (RI) will strive to minimize disruptions to the environment, generate less investigation derived waste (IDW), and emit fewer pollutants, including greenhouse gases (GHGs). Specific green and sustainable measures that will be employed during the RI will be detailed in the RI Work Plan and are anticipated to include:

- Consolidate field mobilizations to combine work tasks on the same or consecutive days where possible.
- Deployment of local consulting and contracting personnel to conduct investigation activities.
- Evaluate opportunities to reuse IDW on-site rather than transport/dispose off-site once characterization and profiling is understood.
- Limit the amount of waste generated and identify destination facilities that are in proximity to the project Site.
- Use of Geoprobe 7822DT combination direct push and rotary drilling rig in lieu of a larger, conventional rotary drill rig to efficiently accomplish construction of 2-inch diameter monitoring wells with HSA methodology.
- Use of direct push technology to install select soil borings in locations where a monitoring well is not required, in lieu of HSA techniques. This effort will reduce the duration of the drilling event, minimize water consumption for decontamination, and reduce the amount of potential IDW generated from soil cuttings/decontamination water during the RI and the amount of time, energy, and fuel required to collect samples.
- Limit/reduce laboratory analysis to focus on potential contaminants of concern (COCs) and allow for reduction in analytical sampling.
- Use greener or safer products where possible and recycle appropriate clean materials.
- Limit the use of disposable materials, where feasible.
- Store and transmit data and documents electronically where possible.
- Limit vehicle and equipment idling during downtime. Vehicles will be shut off when not in use for more than 5 minutes consistent with 6 NYCRR Part 217 Motor Vehicle Emissions, Subpart 217-3 Idling Prohibition for Heavy Duty Vehicles.
- Utilize clean diesel equipment to reduce emissions to the atmosphere.
- Minimize habitat disturbance.
- Employ efforts to minimize stormwater runoff and sediment erosion.
- Avoid use of oversized equipment and vehicles.

The process of identifying, evaluating and selecting the preferred remedy within the context of the remedial Alternatives Analysis (AA) will also consider green and sustainable remedial principles. The comparison of remedial alternatives will include:

- A qualitative assessment of total impacts related to the remedial alternatives being considered and comparison of the relative impacts.
- Comparison of relevant and readily calculable metrics (i.e., energy emissions, fuel use, volume or weight of material reused onsite, tons of waste disposal avoided, linear streambank returned to natural conditions, etc.) related to direct and indirect impacts for each alternative.
- Comparison of the environmental footprint of the remedial alternatives.
- Effect on habitat associated with the remedial alternatives.

Preference for alternatives with the following characteristics will be considered in remedy selection:

- Fewer short-term and long-term ancillary impacts to the environment
- Fewer GHG emissions
- Smaller environmental footprint
- Achievement of remedial action objectives in a more sustainable manner
- Achievement of the greenest reuse

Alternatives that integrate the remedy with the planned reuse of the site will also be favored. Documentation of the green/sustainable criteria used in the evaluation of remedial alternatives will be included in the AA Report.

Remedial Planning/Design

The Remedial Action Work Plan (RAWP) will describe the green remediation techniques and sustainability measures to be employed in connection with the selected remedy. Additional efforts will be made to further minimize the environmental footprint and impact of the selected remedy. This will include the incorporation of many of the measures identified in connection with the field aspects of the RI relating to the minimization of fuel consumption, GHG emissions, off-site waste disposal, and environmental impacts. Additionally, the application of the following techniques will be considered in the remedial planning/design process:

- Maintain, use, mimic or enhance natural processes where possible to effect remediation.
- Employ enhanced bioremediation, permeable reactive barriers and monitored natural attenuation.
- Use native vegetation requiring little or no irrigation.
- Remove invasive species as part of remedial activities.
- Reuse and recycle construction and demolition debris.
- Consider end use and associated site preparation needs in the remedial plan/design.

Remedial Action

The remedial construction program will be conducted in accordance with the RAWP and will implement the green/sustainable construction techniques prescribed therein. Scheduling of the remedial construction program will be conducted to optimize effectiveness and efficiency, while minimizing environmental impacts. During the remedial program, the engineer will track green/sustainable metrics identified in the RAWP and will include these measurements in the monthly progress reports throughout the duration of remediation. Upon completion of remedial construction, the Final Engineering Report (FER) will discuss the green remediation practices/technologies employed throughout the remedial program.

Site Management

Green remediation principles will be considered during each periodic review and remedial system optimization review, if applicable, conducted during the site management phase. Techniques that will continue to be employed during this phase will include measures to minimize fuel usage, greenhouse gas emissions, and the use of disposable resources. Efforts to optimize the performance of the remedy, reduce energy consumption and reduce time to remedial closure will also be part of the site management phase. Periodic Review Reports (PRRs) will discuss the green remediation principles employed during the past reporting cycle and any reductions in the impacts to the environment and will make recommendations that can be implemented during the next reporting cycle.

Redevelopment

During the redevelopment phase of the project, green and sustainable design and construction practices will be employed. This will include the advancement of site design practices that preserve and enhance the natural environment along Cattaraugus Creek and the wetland area to the west of the development footprint, and which incorporate green stormwater management techniques to minimize impacts to these water resources. Additionally, the site design will seek to incorporate green space and native plantings, while minimizing the area of impervious surfaces.

Additionally, measures to enhance the connections between the development and the Village of Arcade central business district and increase the mobility of tenants via alternative means of transportation will be incorporated in the site design. These features will be designed to encourage pedestrian and bicycle access to the Village and a reduction in vehicle trips and associated fuel consumption and emissions.

Green and sustainable building design guidelines will also be employed to produce an energy efficient building. Rooftop solar will be considered, as will geothermal and air source-heat pumps. The latter would take advantage of the low-cost electricity available through the municipally operated utility service in the Village of Arcade.

It should also be noted that the Site is currently serviced by municipal water and sanitary sewer services. As such, redevelopment of the Site will not require new service extensions, thereby avoiding environmental impacts associated with greenfield sites in more rural areas of Arcade.

Climate Screening/Climate Vulnerability Assessment

A climate screening and, if applicable, a climate vulnerability assessment will be completed as part of the Remedial Investigation/Alternatives Analysis (RI/AA) and will be addressed in the RI/AA Report.

SECTION III: ECOLOGICAL CONCERNS (QUESTIONS1-4)

A freshwater forested/schrub wetland (PFO1A) encompassing approximately 4.62 acres occurs on a small portion of the western limits of the Site, to the west of the former wastewater treatment plant, and extends westward along the northern bank of Cattaraugus Creek within the current tax parcel boundary. Cattaraugus Creek is also mapped as a riverine wetland (R3UBH) and is a protected stream with a classification of C, signifying that its best usage is for fishing and non-contact activities. Cattaraugus Creek is also subject to a standard of (T), indicating that it may support a trout population.

Groundwater flow direction across the Site is to the south toward Cattaraugus Creek and stormwater runoff occurring on the Site may cause overland flow containing suspended solids to be discharged to the creek. As such, potential pathways exist for contaminants in the soil/fill and groundwater on the Site to impact fish, wildlife or ecological resources associated with the creek.

If necessary, a Fish and Wildlife Resources Impact Analysis (FWRIA) Part 1 will be conducted as part of the Remedial Investigation and the results will be included in the Remedial Investigation Report.

SECTION IV: LAND USE FACTORS (QUESTIONS 1-10)

Zoning and Current Land Use

The Site has been vacant and inactive since approximately 2008 after being used for dairy production and food manufacturing for over 100 years. Following the demolition of the on-Site manufacturing facility, which was partially funded by an USEPA Brownfield Cleanup Grant, the Site was re-zoned from light industrial (LI) to medium density residential (R3) in 2024 following recommendations from Arcade's 2024 Comprehensive Plan Update to help facilitate the planned cleanup and redevelopment of the Site for senior housing. Uses permitted by right within the R3 District include:

- Single family detached residences
- Two family residences with private garages
- Limited agriculture on lots of less than 10 acres
- Public uses
- Cluster Residential development and planned unit residential development

Use permitted by Special Permit include:

- Home occupations
- Semi-public uses
- Multi-family residences
- Accessory uses

Anticipated Use

The anticipated post-remediation use of the Site consists of a mixed-use development anchored by an 80-unit senior housing complex. The housing development will consist of one- and two-bedroom units within an elevator-serviced, multi-story building. A range of common amenities, surface and garage parking, and outdoor walking paths will be incorporated into the housing development. Business and/or commercial uses that complement the housing complex (i.e., professional office, personal services, medical, etc.) will round out the development.

Renewable Energy Facility Site

The mixed-use development is not proposed to be a renewable energy facility, although rooftop and solar may be incorporated in the design of the building.

Compliance with Zoning Laws, Recent Development, and Community Master Plans

Compliance with Zoning Laws

The Site is zoned appropriately for the proposed residential use. The current zoning for the R3 district allows for planned unit residential development with a density of 7.5 dwellings per acre. Under these density regulations, 107 residential units could be permitted for this 14.35-acre site, significantly more than the 80 units proposed for this development. The purpose of permitting sites for planned unit residential development is to encourage innovations in residential development that will provide housing of greater variety in type and design. Additionally, the following uses are permitted within a planned unit residential development:

- Multi-family residences
- Open space primarily designated for residents
- Public and semi-public uses
- Any of the following, granted they are on the first floor of a multi-family residential development:
    - Sales and service establishments
    - Eating establishments
    - Theaters
    - Short-term lodging
    - Bank and financial institutions
    - Offices space

Recent Development

Recent developments in the site vicinity are limited to multi-family residential developments to the north of the site, beyond North Street. The purposed senior housing development is compatible with said developments, which are not age restricted.

Community Master Plans

Village and county leaders have expressed support for the project and the positive impact it could have on the downtown business district. The Village's downtown master plan, titled *Strategic Plan for Downtown Arcade (2005),* contains a section regarding brownfields that discusses the potential beneficial impacts of redeveloping brownfield sites and specifically recognizes the Site as follows:

> "This is particularly important at the Emkay site at the corner of Church and North Street. This parcel is one of the few large parcels available for re-development within easy walking distance of the downtown core (and not located in the flood plain). Industrial use of this site appears marginal and

> recent investment limited. Depending on the level of contamination and remediation sought, this site should eventually be used for residential and/or commercial uses and strengthen the downtown area."

The plan also makes specific recommendations regarding improving access to the Site to facilitate redevelopment for higher density residential use:

> "This street would serve to make a large parcel of land accessible for infill development. The parcel is currently occupied by Emkay, a New York City firm that produces cheese and other dairy products. The facility is outmoded and utilized at far less than its capacity. It is unlikely that this site will remain in industrial use for much longer, and in fact the village should work to encourage conversion to other uses through re-zoning. Due to its location near the center of the village and adjacent to the creek and residential parcels, it is an inappropriate site for industrial uses. A far more beneficial use of the parcel might be a higher density residential development such as senior housing or a high-quality townhome or "patio home" development. It is within walking distance of the library, services, and churches making it ideal for seniors who can no longer drive. In addition, the higher density is important to provide a base of customers within easy walking distance of downtown merchants. This site is one of only a very few large parcels located close to the village center."

In addition to the Village's Downtown Master Plan, the Village's most recent adopted land use plan, titled *Village & Town of Arcade Smart Growth Comprehensive Plan (2024)*, also contains sections regarding the redevelopment potential of this Site. The Plan's future land use map which was developed to help guide zoning updates states:

> "The R-3 [re-zoning of the] Hummingbird and Emkay properties to prioritize maximum allowable density in the two lots to jump-start walkable residential development."

Furthermore, the Comprehensive Plan also identified the Site as one of the five priority redevelopment sites in the Village that would spur revitalization along and near Main Street.

Altogether, the cleanup and redevelopment of the site for the proposed use is consistent with recommendations of the Village's land use plans and re-zoning of the site was recently conducted, as recommended by the plans, in order to facilitate the development of this proposed project.

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SECTION V: CURRENT AND HISTORICAL PROPERTY OWNER AND OPERATOR INFORMATION

The current owner, 58 Church Street, LLC acquired the tax parcel containing the Site from WCBC North, LLC in December 2024 (see Attachment 3). The current owner has no relationship to previous owners or operators of the site, which are listed in the following tables. No operations have occurred on the site since it was acquired by 58 Church Street, LLC.

Historical Owners

PREVIOUS OWNER	LAST KNOWN CONTACT INFO.	RELATIONSHIP TO REQUESTOR	DATES OF OWNERSHIP
W. Simmons, dec.	None Known	None	Circa 1800s - 1906
G. Hogue, dec.	None Known	None	Circa 1800s - 1906
Merrell Soule Company	Oscar F. Soule (dec.) 600 N. Franklin St. Syracuse, New York 13204	None	1906 - 1928
Borden Company (a.k.a. Borden's Milk Products Company, Inc., Borden's Food Company, Inc., Borden Inc.)	Kenneth J. Nagle 350 Madison Avenue New York, New York	None	1928 - 1970
Arcade Industries, Inc.	Howard Kravitz, dec. 58 Church Street Arcade, NY	None	1971 - 1976
Citizens Central Bank	Fred Seward 271 Main Street Arcade, New York	None	1976
US Small Business Administration	409 3rd Street, SW Washington, DC 20416 1-800-827-5722	None	1976 - 1978
Cadare, Inc.	Tuckahoe, NY	None	1978 - 1979
Wyoming County Industrial Development Agency	Scott Gardner 36 Center St., Suite D Warsaw, New York 14569 585-786-3764	None	1979 - 1994

PREVIOUS OWNER	LAST KNOWN CONTACT INFO.	RELATIONSHIP TO REQUESTOR	DATES OF OWNERSHIP
Emkay Trading Company, Inc.	Howard Kravitz, dec. 250 Clearbrook Road Elmsford, New York 10523	None	1994 - 2008
Lehman Brothers Bank	None Known	None	2008
Cranberry Financial LLC	None Known	None	2008
Wyoming County	James Brick Chairman Board of Supervisors 143 N. Main Street Warsaw, New York 14569 585-786-8800	None	2021-2022
WCBC North, LLC	Scott Gardner 36 Center St., Suite D Warsaw, New York 14569 585-786-3764	None	2022 - 2025
58 Church Street, LLC	Jason Wawro, Esq. 500 Seneca Street Suite 504 Buffalo, New York 14204 585-507-9174	Requestor	2025 - Present

Historical Operators

PREVIOUS OPERATORS	LAST KNOWN CONTACT INFO.	RELATIONSHIP TO REQUESTOR	DATES OF OPERATION
Merrell Soule Company	Oscar F. Soule, dec. 600 N. Franklin Street Syracuse, New York 13204	None	1906 - 1928
Borden Company (a.k.a. Borden's Milk Products Company, Inc., Borden's Food Company, Inc., Borden Inc.)	Kenneth J. Nagle 350 Madison Avenue New York, New York 10017	None	1928 - 1970

PREVIOUS OPERATORS	LAST KNOWN CONTACT INFO.	RELATIONSHIP TO REQUESTOR	DATES OF OPERATION
Arcade Industries, Inc.	Howard Kravitz, dec. President Arcade Industries 58 Church Street Arcade, NY	None	1971 - 1976
Cadare, Inc.	None Known	None	1978 - 1979
Emkay Trading Company, Inc.	Raymond J. Haberer Plant Manager Emkay Trading Co. 58 Church Street Arcade, New York 14009 716-492-3800	None	1979 - 2008

SECTION VI: PROPERTY'S ENVIRONMENTAL HISTORY

A Phase I Environmental Site Assessment (ESA) of the Site was performed in accordance with ASTM standards on behalf of WCBC North, LLC by LaBella in March 2020. Recognized environmental conditions identified in the Phase I ESA were investigated within the context of a Phase II ESA that was also completed by LaBella in accordance with ASTM standards for WCBC North. LLC. This report documented soil and groundwater contamination on the Site at concentrations exceeding Standards, Criteria and Guidance levels (SCGs) and accompanies this application. The data compiled as a result of the 2020 Phase II ESA documents soil/fill contamination at levels that exceed restricted residential soil cleanup objectives and regulatory guidance levels pertaining to gasoline contaminated soil, as well as groundwater contamination exceeding water quality standards. Tables presenting a comparison of Site analytical data with relevant SCGs are attached, as are figures summarizing SCG contraventions and depicting their occurrences across the Site. Supporting analytical laboratory reports are also provided in Attachment 5.

SECTION VII: REQUESTOR INFORMATION

The requestor is a Limited Liability Corporation (LLC) authorized to conduct business in New York State. New York State Department of State Entity information for 58 Church Street, LLC is provided is Attached.

The names of the owners and members of 58 Church Street, LLC are provided below:

- David P. Franjoine
- Dennis M. Franjoine
- Robert W. Zuchlewski

SECTION VIII: REQUESTOR CONTACT INFORMATION

Contact information for the requestor's authorized representative, consultant and attorney are provided in Section VIII of the application form.

SECTION IX: PROGRAM FEE

The requestor acknowledges the non-refundable program fee required upon submission of the executed Brownfield Cleanup Agreement and does not intend to apply for the fee waiver.

SECTION X: REQUESTOR ELIGIBILITY

The requestor has responded to the questions contained in Section X of the application form. Only one affirmative response to Question 11, which pertains to the on-site presence of unregistered bulk storage tanks, was recorded. The presence of four (4) unregistered USTs on the northeastern portion of the Site was established in Section I of the application narrative and is detailed in the accompanying Phase II ESA.

The requestor is applying as a volunteer based on the fact that 58 Church Street, LLC's liability arises solely as a result of ownership subsequent to the disposal of hazardous waste or discharge of petroleum by previous owners/operators with no relationship to the requestor. 58 Church Street has exercised due care with respect to contamination found on the Site by taking reasonable steps to stop any continuing discharge; prevent any threatened future release; and prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. This includes the following specific actions:

- Financial contribution to partially fund the local match for implementation of the USEPA Brownfield Cleanup Grant, which removed unsecured drums of liquid waste, including hazardous waste, and removed and properly disposed of asbestos contaminated demolition debris from the Site in 2024.
- Maintaining perimeter fencing around the former plant site since acquisition to restrict Site access and exposure to residual contamination in surface/soil fill and physical hazards associated with foundation remnants.
- Maintaining erosion control measures along the southern and western perimeter of the former plant site to minimize the discharge of sediment laden runoff to Cattaraugus Creek and the adjacent wetland; and
- Retaining impervious surfaces associated with former building slabs and parking areas on the Site to limit potential exposure of impacted soil/fill to wind and water erosion and minimize groundwater recharge through contaminated soil/fill.
- Pursuit of BCP entry to conduct remediation and redevelopment of the Site.

SECTION XI: PROPERTY ELIGIBILITY INFORMATION

Responses to all property eligibility criteria are provided in Section XI of the application form.

SECTION XII: SITE CONTACT LIST

CEO & Planning Board Chairpersons			
Name	***Title***	***Jurisdiction***	***Mailing Address***
Donna Schienner	Mayor	Village of Arcade	17 Church Street, Arcade, NY, 14009
Paul Bijhouwer	Planning Board Chairperson	Village of Arcade	17 Church Street, Arcade, NY, 14009
Scott Schrader	County Administrator	Wyoming County	143 N. Main Street Warsaw, NY 14569

Property & Adjacent Property Owners	
Name	***Mailing Address***
58 Church St, LLC	500 Seneca St, Ste 504, Buffalo, NY, 14204
Chad Woodruff	350 North St, Arcade, NY, 14009
Phillip Rix	534 North St, Arcade, NY, 14009
Walena Property Holdings LLC	4759 Miller Rd, Silver Springs, NY, 14550
Kameron Riordan	407 North St, Arcade, NY, 14009
Susan Reinard	59 Church St, Arcade, NY, 14009
Arcade & Attica Railroad Corp.	278 Main St, Arcade, NY, 14009
Susan Tingue	63 Church St, Arcade, NY, 14009
Christopher Martina	295 North St, Arcade, NY, 14009
Roger Romesser	301 North St, Arcade, NY, 14009
Leslie Nourse	307 North St, Arcade, NY, 14009
Ana Novosadova	315 North St, Arcade, NY, 14009
T K Stiles, LLC	331 North St, Arcade, NY, 14009
Tyler Pirdy	323 North St, Arcade, NY, 14009
Celeste McCormick	327 North St, Arcade, NY, 14009
Tracy Stiles	331 North St, Arcade, NY, 14009
Steven Gregory	335 North St, Arcade, NY, 14009
Robert Frazier	339 North St, Arcade, NY, 14009
Pioneer Central School	Box 326, Arcade, NY, 14009
David Ciesla	343 North St, Arcade, NY, 14009
North St Partnership of Arcade	1829 Maple Rd, Ste 202, Williamsville, NY, 14221
Nicholas Fina	353 North St, Arcade, NY, 14009
MPB Holdings NY, LLC	8975 Boston State Rd, Boston, NY, 14025
Allen Shane	403 North St, Arcade, NY, 14009
David Hurlburt	3779 Euclid Ave, Perry, NY, 14530

Local Media		
Name	***Email***	***Mailing Address***
The Herlad-Courier	heraldnews@roadrunner.com	223 Main St, Arcade, NY, 14009
Arcade Pennysaver	wnypennysaver@gmail.com	277 Main St, Arcade, NY, 14009

Public Water Supplier		
Name	***Phone***	***Mailing Address***
Village of Arcade Water Department	(585) 492-1111	17 Church Street, Arcade, NY 14009

Schools/Day Care		
Name	***Phone***	***Mailing Address***
Pioneer Arcade Elementary School	(716) 492-9300	315 W Main Street, Arcade, NY, 14009
Early Bird Childcare Center	(585) 492-2254	216 Main Street, Arcade, NY, 14009

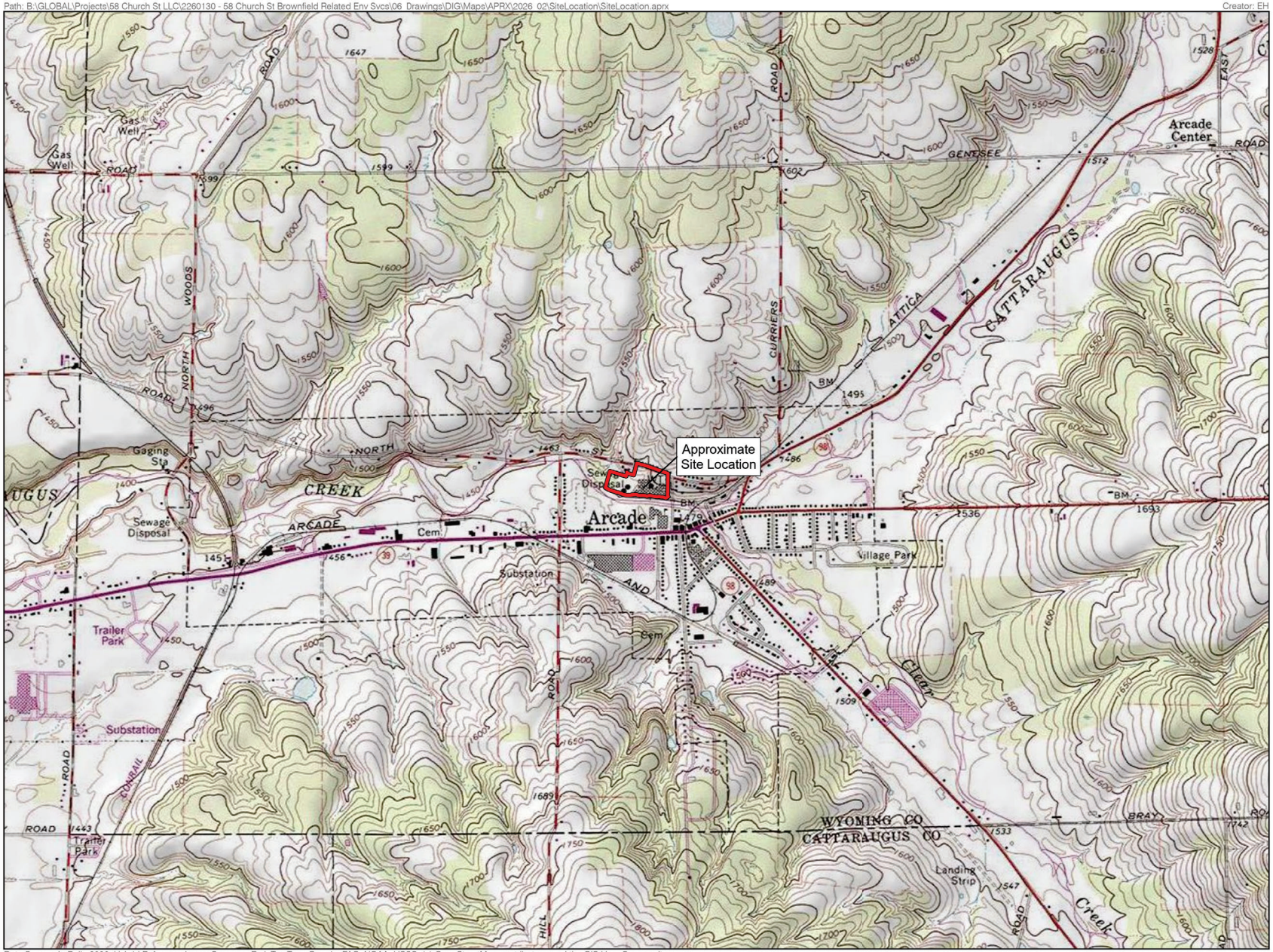
Document Repository		
Name	***Phone***	***Mailing Address***
Arcade Free Library	(585) 492-1297	365 Main Street, Arcade, NY 14009

* Acknowledgement as the document repository for the site from the Arcade Free Library is included in Attachment 8

FIGURES

Path: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06_Drawings\DIG\Maps\APRX\2026_02\SiteLocation\SiteLocation.aprx

Creator: EH



Data Source: LaBella 2026; Hybrid Reference Layer: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community
USA_Topo_Maps: Copyright:© 2013 National Geographic Society, i-cubed

LaBella
Powered by partnership.

BCP APPLICATION
58 CHURCH STREET
ARCADE, NEW YORK

Legend

Approximate BCP Site Boundary

N

0 1,000 2,000 Feet

Figure 1

Site Location Map

LaBella Project No: 2260130
Date: 2/24/2026

Path: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06 Drawings\DIG\Maps\APRX\2026_02\SiteLocation\SiteLocation.aprx

Creator: EH

Data Source: LaBella 2026; Google Earth: Google Earth

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BCP APPLICATION
58 CHURCH STREET
ARCADE, NEW YORK

Legend

- Approximate BCP Site Boundary
- Parcel: 183.9-1-32.11
- Tax Parcels

N

0 100 200 Feet

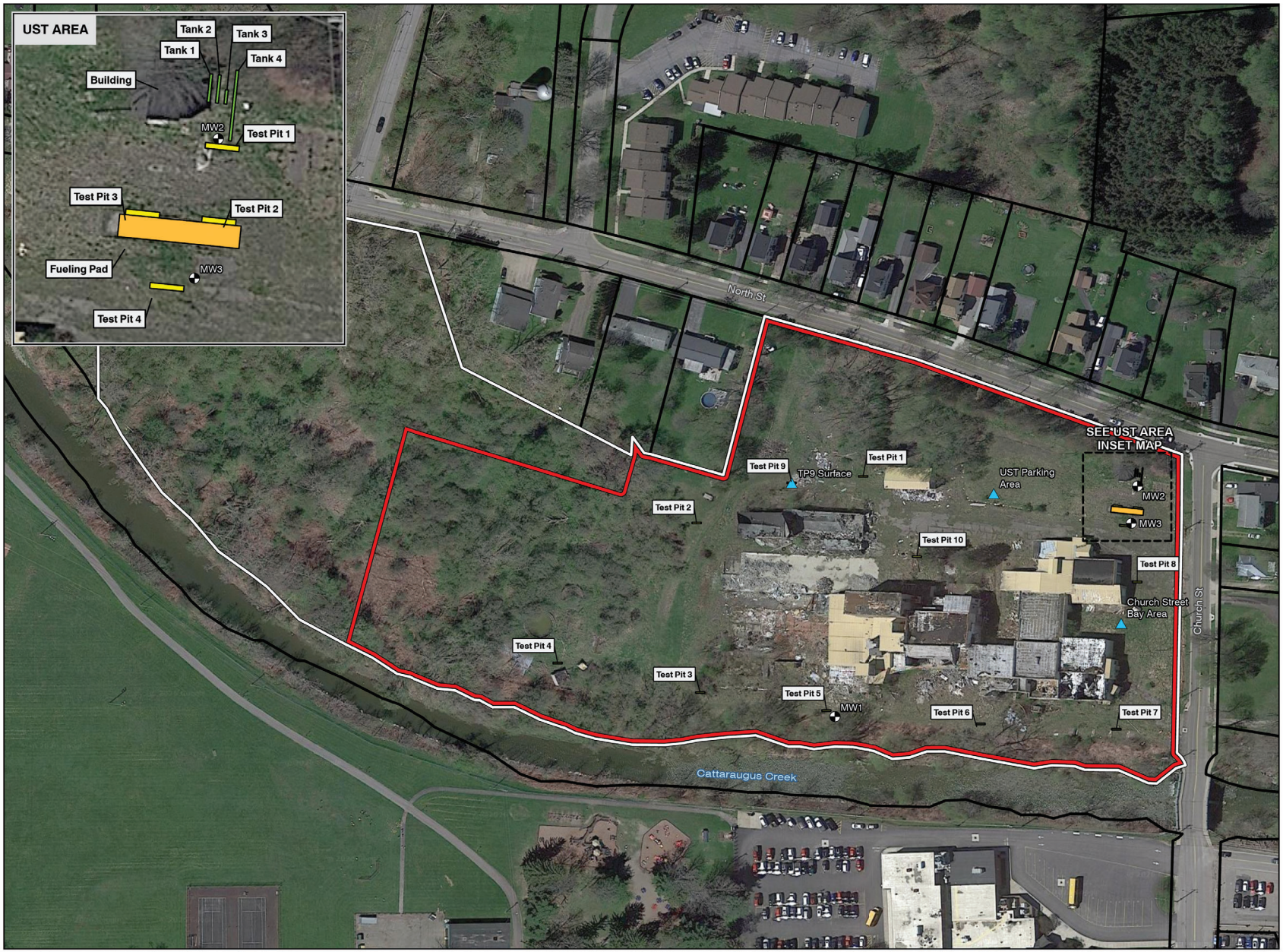
Figure 2

Aerial Site Map

LaBella Project No: 2260130
Date: 2/24/2026

Path: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06_Drawings\DIG\Maps\APRX\2026_02\SampleLocation\SampleLocation.aprx

Creator: EH



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BCP APPLICATION
58 CHURCH STREET
ARCADE, NEW YORK

Legend

- Approximate BCP Site Boundary
- Parcel: 183.9-1-32.11
- Tax Parcels
- Surface Grab Sample
- Fueling Pad
- Tank
- Test Pit

N

0 100 200 Feet

Figure 3

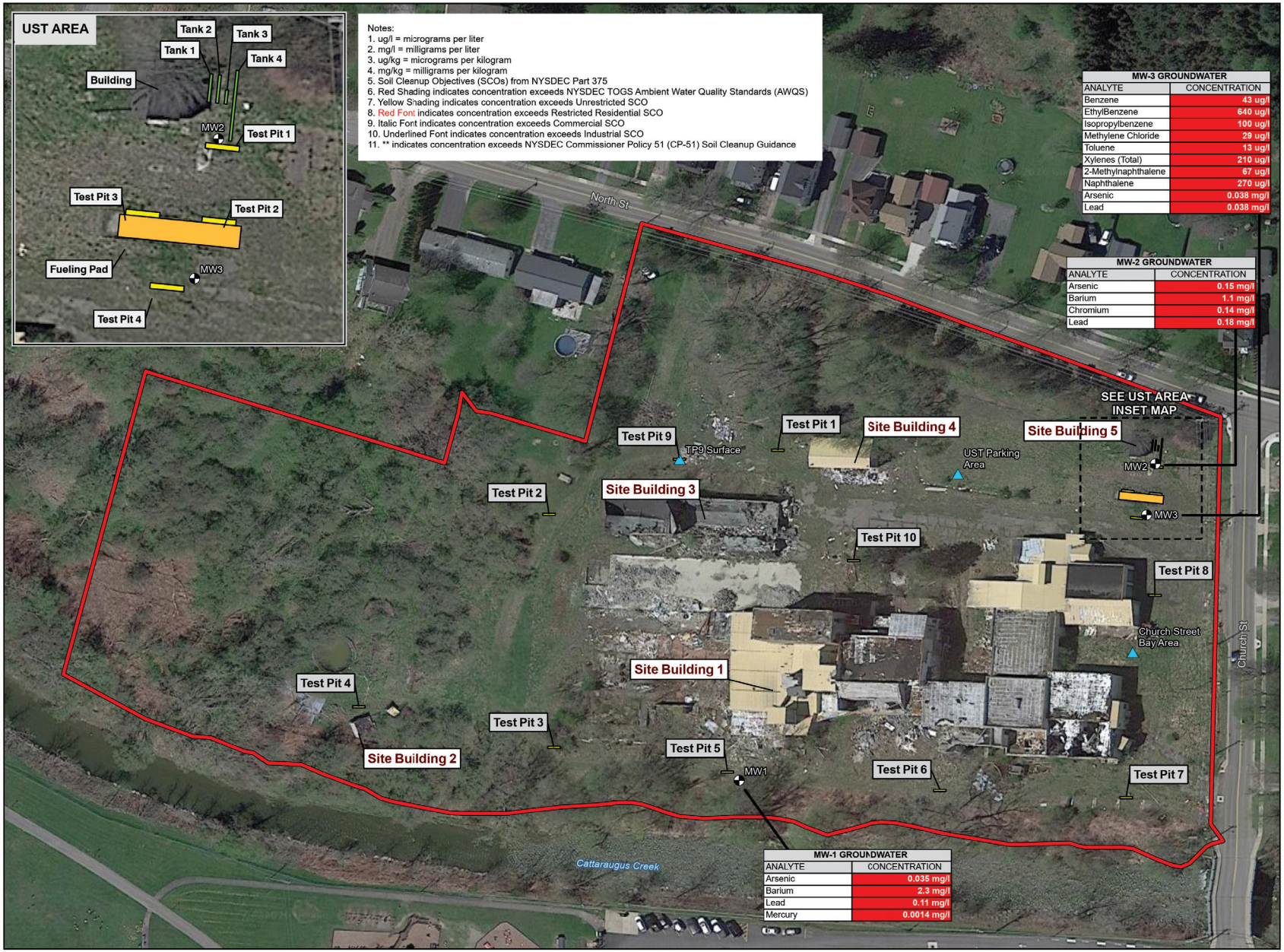
Phase II ESA Sample Location Map

LaBella Project No: 2260130
Date: 2/24/2026

Data Source: LaBella 2026; Google Earth: Google Earth

Path: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06_Drawings\DIG\Maps\APRX\2026_02\SCGContraventionsGroundwater\SCGContraventionsGroundwater.aprx

Creator: EH



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BCP APPLICATION
58 CHURCH STREET
ARCADE, NEW YORK

Legend

- Groundwater Monitoring Well
- Surface Grab Sample
- Test Pit
- Orphan UST
- Fueling Pad
- Approximate BCP Site Boundary

N

0 50 100 Feet

Figure 4

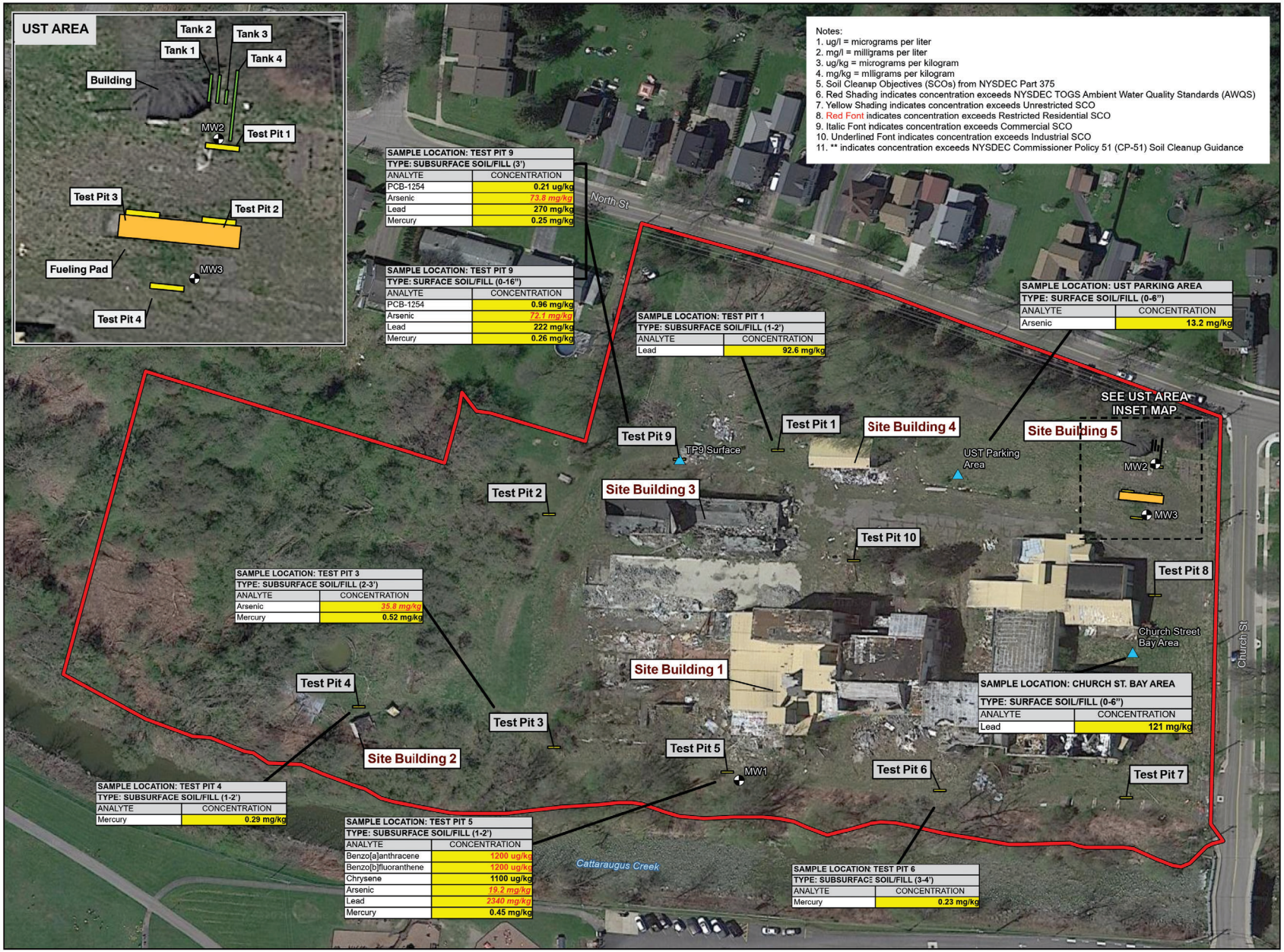
SCG Contraventions - Groundwater

LaBella Project No: 2260130
Date: 2/24/2026

Data Source: LaBella 2026; Google Earth: Google Earth

Path: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06_Drawings\DIG\Maps\APRX\2026_02\SCGContraventionsGroundwater\SCGContraventionsGroundwater.aprx

Creator: EH



LaBella
Powered by partnership.

BCP APPLICATION
58 CHURCH STREET
ARCADE, NEW YORK

Legend
- Groundwater Monitoring Well
- Surface Grab Sample
- Test Pit
- Orphan UST
- Fueling Pad
- Approximate BCP Site Boundary

N

0 50 100 Feet

Figure 5

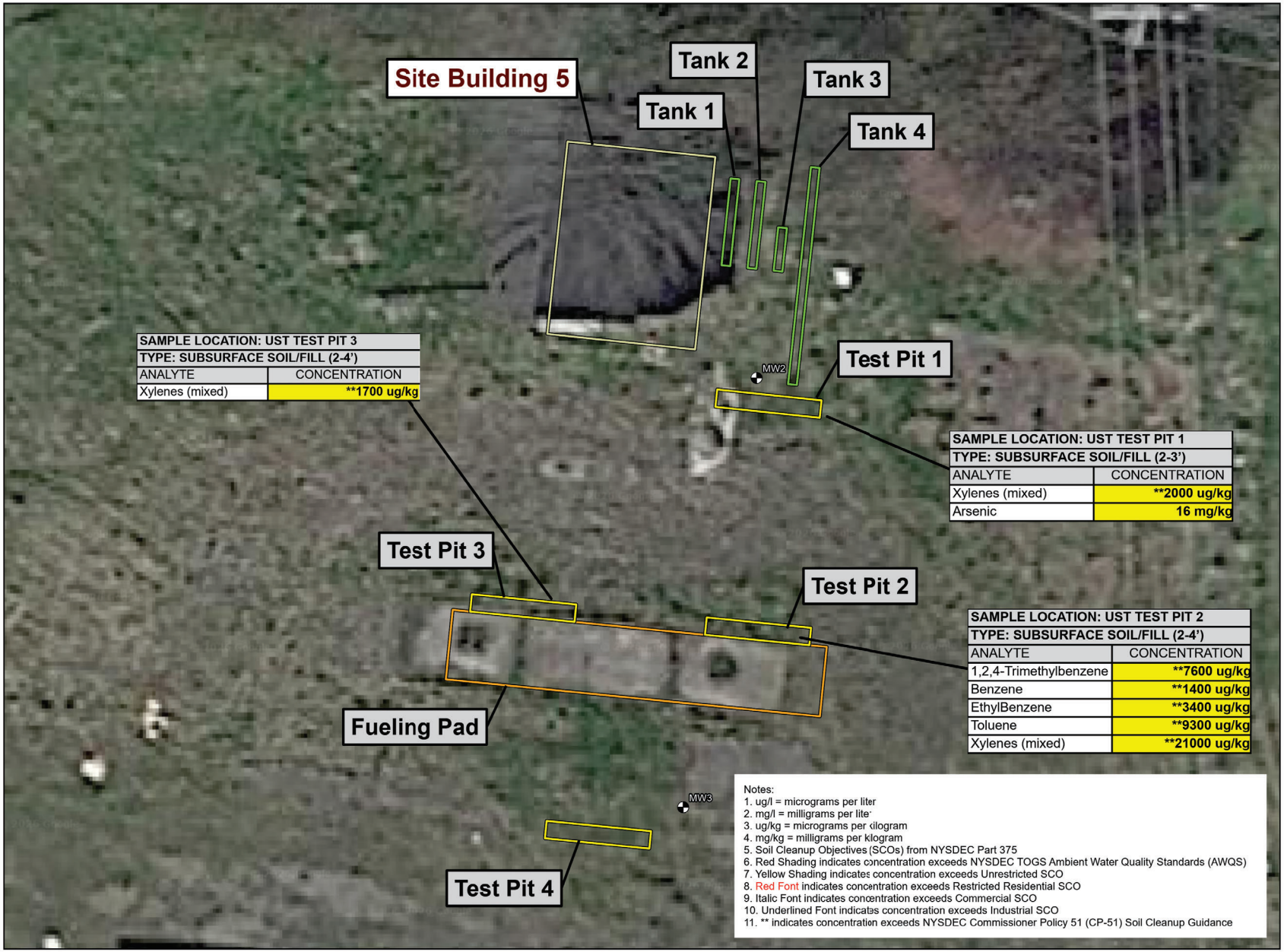
SCG Contraventions Sitewide Surface and Subsurface Soil/Fill

LaBella Project No: 2260130
Date: 2/24/2026

Data Source: LaBella 2026; Google Earth: Google Earth

Path: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06_Drawings\DIG\Maps\APRX\2026_02\SCGContraventionsGroundwater\SCGContraventionsGroundwater.aprx

Creator: EH



SAMPLE LOCATION: UST TEST PIT 3	
TYPE: SUBSURFACE SOIL/FILL (2-4')	
ANALYTE	CONCENTRATION
Xylenes (mixed)	**1700 ug/kg

SAMPLE LOCATION: UST TEST PIT 1	
TYPE: SUBSURFACE SOIL/FILL (2-3')	
ANALYTE	CONCENTRATION
Xylenes (mixed)	**2000 ug/kg
Arsenic	16 mg/kg

SAMPLE LOCATION: UST TEST PIT 2	
TYPE: SUBSURFACE SOIL/FILL (2-4')	
ANALYTE	CONCENTRATION
1,2,4-Trimethylbenzene	**7600 ug/kg
Benzene	**1400 ug/kg
EthylBenzene	**3400 ug/kg
Toluene	**9300 ug/kg
Xylenes (mixed)	**21000 ug/kg

Notes:
1. ug/l = micrograms per liter
2. mg/l = milligrams per liter
3. ug/kg = micrograms per kilogram
4. mg/kg = milligrams per kilogram
5. Soil Cleanup Objectives (SCOs) from NYSDEC Part 375
6. Red Shading indicates concentration exceeds NYSDEC TOGS Ambient Water Quality Standards (AWQS)
7. Yellow Shading indicates concentration exceeds Unrestricted SCO
8. Red Font indicates concentration exceeds Restricted Residential SCO
9. Italic Font indicates concentration exceeds Commercial SCO
10. Underlined Font indicates concentration exceeds Industrial SCO
11. ** indicates concentration exceeds NYSDEC Commissioner Policy 51 (CP-51) Soil Cleanup Guidance

Data Source: LaBella 2026; Google Earth: Google Earth

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BCP APPLICATION
58 CHURCH STREET
ARCADE, NEW YORK

Legend
- Groundwater Monitoring Well
- Building
- Fueling Pad
- Orphan UST
- Test Pit

N

0 10 20 Feet

Figure 6

SCG Contraventions Subsurface Soil/Fill in UST Area

LaBella Project No: 2260130
Date: 2/24/2026

TABLES

Site-Wide Surface & Subsurface Soil/Fill Table:

ANALYTES GREATER THAN RESTRICTED RESIDENTIAL SCOs	DETECTIONS GREATER THAN RESTRICTED RESIDENTIAL SCOs	MAXIMUM DETECTION (PPB)	RESTRICTED RESIDENTIAL SCO (PPB)	DEPTH (ft bgs)
Benzo[a]anthracene	1	1,200	1,000	1-2
Benzo[b]fluoranthene	1	1,200	1,000	1-2
Arsenic	4	73,800	16,000	0-1.4
Lead	1	2,340,000	400,000	1-2

UST Area Subsurface Soil/Fill Table

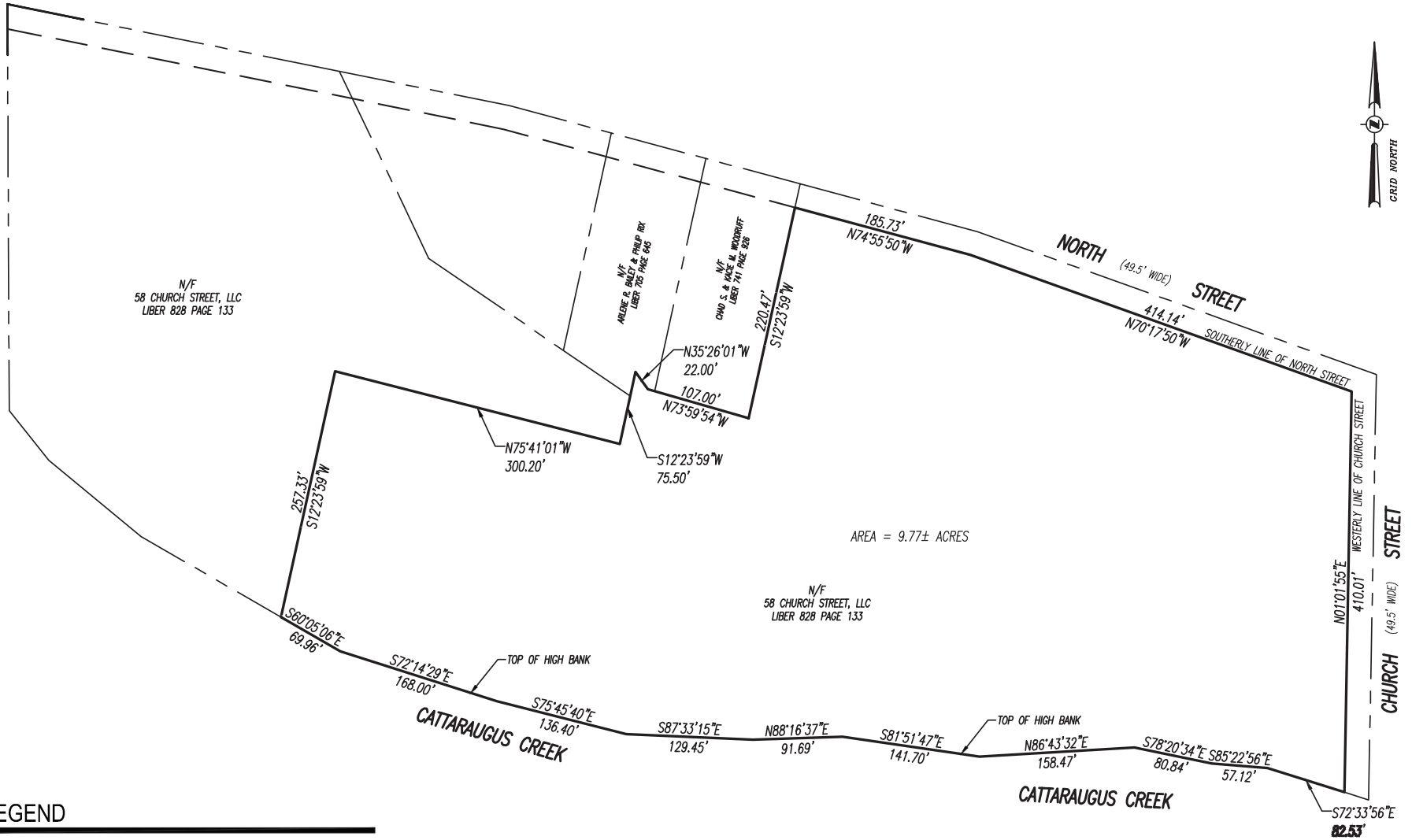
ANALYTES GREATER THAN CP-51 SCGs	DETECTIONS GREATER THAN CP-51 SCGs	MAXIMUM DETECTION (PPB)	CP-51 SCG (PPB)	DEPTH (ft bgs)
1,2,4-Trimethylbenzene	2	7,600	3,300	2-4
Benzene	1	1,400	60	2-4
Ethylbenzene	1	3,400	1,000	2-4
Toluene	1	9,300	700	2-4
Xylenes (mixed)	2	21,000	260	2-4

Groundwater Table:

ANALYTES GREATER THAN AWQS	DETECTIONS GREATER THAN AWQS	MAXIMUM DETECTION (PPB)	AWQS (PPB)
Benzene	1	43	1
Ethylbenzene	1	640	5
Isopropylbenzene	1	100	5
Methylene Chloride	1	29	5
Toluene	1	13	5
Xylenes, total	1	210	5
2-Methylnaphthalene	1	67	4.7
Naphthalene	1	270	10
Arsenic	3	150	25
Barium	2	2,300	1,000
Chromium	1	140	50
Lead	3	180	25
Mercury	1	1.4	0.7

ATTACHMENT 1

SITE BOUNDARY MAP AND METES AND BOUNDS DESCRIPTION



LEGEND

- BCP SITE BOUNDARY LINE
- ADJOINER'S BOUNDARY LINE
- RIGHT OF WAY

100 0 100
SCALE IN FEET
1"=100'

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300 State Street, Suite 201
Rochester, NY 14614
585-454-6110
labellapc.com
C.A. NUMBER:
GEOLOGICAL: 0021659
LAND SURVEYING: 0021271
PROFESSIONAL ENGINEERING: 0021272

ISSUED FOR:			
DRAWING NAME: BCP SITE MAP	DRAWN BY: MKB	DATE: 02/27/2026	PROJECT NO.: 2260130
PROJECT NAME: 58 Church Street, Arcade, NY 14009	DRAWING NUMBER: SV-1		

Drawing Name: B:\GLOBAL\Projects\58 Church St LLC\2260130 - 58 Church St Brownfield Related Env Svcs\06_Drawings\Survey\dwg\2260130 - EXHIBIT MAP FOR BCP.dwg
Xrefs Attached:
Date Printed: Feb 27, 2026, 3:07pm

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LEGAL DESCRIPTION OF 58 CHURCH STREET BCP SITE (PORTION OF SBL # 183.9-1-32.11)

DATE: February 10, 2026

ALL THAT TRACT OR PARCEL OF LAND situate in the Town and Village of Arcade, County of Wyoming, State of New York, and being part of Lot 24, Township 7, Range 4 of the Holland Land Company's Survey, and being more particularly described as follows:

BEGINNING at a point of intersection of the westerly line of Church Street, being 49.5 feet wide and the southerly line of North Street, being 49.5 feet wide;

THENCE N 70° 17' 50" W along the southerly of North Street, a distance of 414.14 feet to an angle point therein;

THENCE N 74° 55' 50" W continuing along the said southerly line of North Street, a distance of 185.73 feet to the easterly line of lands conveyed to Chad S. Woodruff and Kacie M. Woodruff, his wife, as recorded in the Wyoming County Clerk's Office in Liber 741 of deeds at page 926;

THENCE S 12° 23' 59" W along the easterly line of said Woodruff, a distance of 220.47 feet to the southeasterly corner of said lands conveyed to Woodruff;

THENCE N 73° 59' 54" W along the southerly line of said lands conveyed to Woodruff and continuing along the southerly line of lands conveyed to Arlene R. Bailey and Philip Rix as recorded in the Wyoming County Clerk's Office in Liber 705 of Deeds at page 645, a distance of 107.00 feet to a corner of said lands conveyed to Bailey and Rix;

THENCE N 35° 26' 01" W along a southwesterly line of said lands conveyed to Bailey and Rix, a distance of 22.00 feet to a corner of said lands conveyed to Bailey and Rix;

THENCE S 12° 23' 59" W along an easterly line of said lands conveyed to Bailey and Rix and a projection southerly thereof, a distance of 75.50 feet;

THENCE N 75° 41' 01" W a distance of 300.20 feet;

THENCE S 12° 23' 59" W a distance of 257.33 feet, more or less, to a point on the high bank of the north side of Cattaraugus Creek;

THENCE easterly along the high bank of the north side of Cattaraugus Creek, the following 10 courses;

1. THENCE S 60°05'06" E a distance of 69.96 feet;
2. THENCE S 72°14'29" E a distance of 168.00 feet;

3. THENCE S 75°45'40" E a distance of 136.40 feet;
4. THENCE S 87°33'15" E a distance of 129.45 feet;
5. THENCE N 88°16'37" E a distance of 91.69 feet;
6. THENCE S 81°51'47" E a distance of 141.70 feet;
7. THENCE N 86°43'32" E a distance of 158.47 feet;
8. THECE S 78°20'34" E a distance of 80.84 feet;
9. THENCE S 85°22'56" E a distance of 57.12 feet;
10. THENCE S 72°33'56" E a distance of 82.53 feet, to a point on the westerly line of said Church Street;

THENCE N 01° 01' 55" E along the said westerly line of Church Street, a distance of 410.01 feet, more or less, to the POINT OF BEGINNING, containing 9.77 acres of land, more or less.

ATTACHMENT 2

PROJECT SCHEDULE

58 CHURCH STREET BCP APPLICATION

Project Schedule

2026

Tasks	Feb	March				April				May				June				July				August				September				October				November				December			
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1. Submit BCP Application																																									
DEC Completeness Review																																									
30-Day Public Comment Period																																									
2. Execute BCP Agreement																																									
3. Prepare & Submit RIWP																																									
30-Day Public Comment Period																																									
DEC RIWP Review																																									
4. Concrete Slab Removal & Processing																																									
5. Conduct RI/AA																																									

2027

Tasks	January				February				March				April				May				June				July				August				September				October				November				December			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
6. Submit RI/AA Report																																															
DEC RI/AA Report Review																																															
7. Develop & Submit RAWP																																															
45-Day Public Comment Period																																															
DEC RAWP Approval																																															
8. Implement RAWP																																															
9. Conduct Site Design & Site Plan/Regulatory Approval																																															
10. Prepare & Submit Site Management Plan																																															
DEC Site Management Plan Review																																															
Environmental Easement Recorded																																															
11. Advance Building Schematic Design/Design Development																																															
12. Generate & Submit FER																																															
DEC FER Review																																															

2028

Tasks	January				February				March				April				May				June				July				August				September				October				November				December			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DEC FER Review																																															
13. Obtain Certificate of Completion																																															
14. Complete Building Construction Documents																																															
15. Obtain Building Permit																																															
16. Contractor Procurement																																															
17. Site/Building Construction																																															

2029

Tasks	January				February				March				April				May				June				July			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
17. Site/Building Construction																												
18. Obtain Certificate of Occupancy																												

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ATTACHMENT 3

RECORDED DEED

Wyoming County
Rhonda Pierce
County Clerk
Warsaw, NY 14569

Volm-828 Pg-133

Instrument Number: 2024- 00003603

As

DEED - COMMERCIAL

Recorded On: December 16, 2024

Parties: WCBC NORTH LLC
To
58 CHURCH STREET LLC

Recorded By: CUSTOMER

Comment:

Billable Pages: 4

Num Of Pages: 5

**** Examined and Charged as Follows: ****

DEED - COMMERCIAL	40.00	COMBINED TAX AFT	5.00	COVER SHEET	5.00
CULTURAL ED	15.00	REC MGMT OR OCA	5.00	RP5217 COMMERCIAL	250.00

Recording Charge: 320.00

	Amount	Consideration Amount	RS#/CS#				
TRANSFER TAX	0.00	1.00	498	Basic	0.00		
ARCADE				Local	0.00	Special Additional	0.00
				Additional	0.00	Transfer	0.00

Tax Charge: 0.00

**** THIS PAGE IS PART OF THE INSTRUMENT ****

I hereby certify that the within and foregoing was recorded in the Clerk's Office For: Wyoming County, NY

File Information:

Document Number: 2024- 00003603
Receipt Number: 13906
Recorded Date/Time: December 16, 2024 01:53:49P
Book-Vol/Pg: Bk-DE Vl-828 Pg-133
Cashier / Station: M Hotchkiss / TICS615 - (M HOTCHKISS)

Record and Return To:

WYO CO BUSINESS CENTER
36 CENTER ST STE D
WARSAW NY 14569

CERTIFICATION

State of New York County of Wyoming. I do hereby certify that I have received the amounts cited above on the within Mortgage being the amount of the recording tax imposed thereon and paid at the time of recording.

Rhonda Pierce

N. Y. Quit Claim Deed

THIS INDENTURE, made the 16th day of December, 2024.

BETWEEN

WCBC NORTH, LLC, a limited liability company organized under the laws of the State of New York, and having an address at 36 Center Street, Suite D, Warsaw, New York 14569,

party of the first part, and

58 CHURCH STREET, LLC, a limited liability company organized under the laws of the State of New York, having an address at 500 Seneca Street, Suite 504, Buffalo, New York 14204,

party of the second part.

WITNESSETH that the party of the first part, in consideration of One Dollar and no more ($1.00 and no more) lawful money of the United States, paid by the party of the second part does hereby remise, release and quitclaim unto the party of the second part, its successors and assigns forever,

SEE ATTACHED EXHIBIT "A"

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, its successors and assigns forever.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be signed by its duly authorized President the day and year first above written.

WCBC North, LLC

By: Wyoming County Business Center, Inc.,
Its Sole Member

By: James Pierce
James Pierce, President

STATE OF NEW YORK)
) SS.:
COUNTY OF WYOMING)

On the 16th day of December, 2024, before me, the undersigned, a Notary Public in and for said state, personally appeared James Pierce, personally known to me or proven to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed this instrument.

Notary Public

EVAN Y. BUSSIERE
Notary Public, State of New York
Qualified in Erie County
No. 02BU6218916
Commission Exp. March 15, 20 26

EXHIBIT A
LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND situated in the Town & Village of Arcade, County of Wyoming, State of New York, and being part of Lot 24, Range 4, Township 7, of the Holland Land Company Survey, bounded and described as follows: Beginning at the intersection of the centerline of North Street with the centerline of Church Street; thence

1) South 01° 01' 55" West and along the centerline of Church Street for a distance of 435.06 feet to a point; thence along the top of bank of Cattaraugus Creek the following (12) courses

2) North 72° 33' 56" West and along the top of bank for a distance of 108.33 feet to a point; thence

3) North 85° 22' 56" West for a distance of 57.12 feet to a point: thence

4) North 78° 20' 34" West for a distance of 80.84 feet to a point; thence

5) South 86° 43' 32" West for a distance of 158.47 feet to a point; thence

6) North 81° 51' 47" West for a distance of 141.70 feet to a point; thence

7) South 88° 16' 37" West for a distance of 91.69 feet to a point; thence

8) North 87° 33' 15" West for a distance of 129.45 feet to a point; thence

9) North 75° 45' 40" West for a distance of 136.40 feet to a point; thence

10) North 72° 14' 29" West for a distance of 168.00 feet to a point; thence

11) North 60° 05' 06"West for a distance of 235.24 feet to a point; thence

12) North 050° 21' 26" West for a distance of 122.32 feet to a point; thence

13) North 38° 42' 37" West for a distance of 64.34 feet to the easterly line of lands of Skillman (Ref. 742 D. 727); thence

14) North 00° 15' 10" along said Skillman for a distance of 415.88 feet to the centerline of North Street; thence

15) South 78° 34'50" East along the centerline of said North Street for a distance of 346.17 feet to the westerly line of Raszeja (Ref. L. 801 D. 234); thence

16) South 25° 34' 24" along said Raszeja for a distance of 211.99 feet to a point; thence

17) South 55° 16' 01" East for a distance of 250.30 feet to a point; thence

18) North 12° 23' 59" East for a distance of 25.50 feet to a point; thence

19) South 35° 26' 01" East for a distance of 22.00 feet to a point; thence

20) South 73° 59' 54" East for a distance of 100.00 feet to the southeast corner of lands of Woodruff (L. 705 D. 645); thence

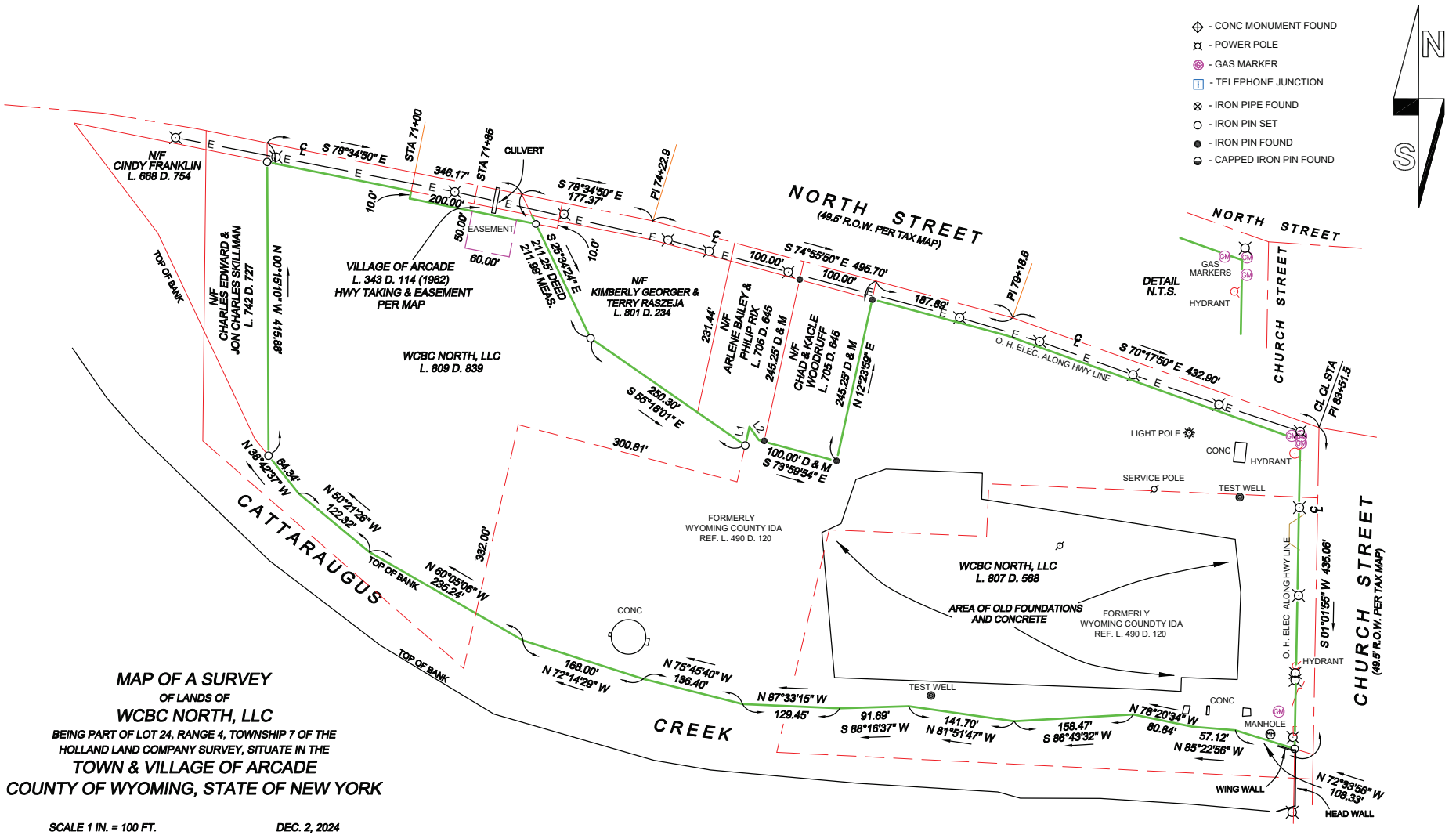
21) North 12° 23' 59" East along said Woodruff for a distance of 245.25 feet to the centerline of north Street; thence

22) South 74° 55' 50" East and along the centerline of north Street for a distance of 187.89 feet to a point; thence

23) South 70° 17' 50" East and along the said centerline for a distance of 432.90 feet to the point of beginning. Containing therein 15.027 acres to centerline. As shown on a map by Grover & Bates Associates, dated Dec. 2, 2024, Map No. 24-W119.

Excepting & Reserving to the Village of Arcade a highway taking and an easement for drainage, Ref. L. 343 D. 114 (1962).

SUBJECT to the rights of the public in and to the lands lying within the right of ways of North Street & Church Street as they adjoin the above described premises.



MAP OF A SURVEY

OF LANDS OF

WCBC NORTH, LLC

BEING PART OF LOT 24, RANGE 4, TOWNSHIP 7 OF THE HOLLAND LAND COMPANY SURVEY, SITUATE IN THE

TOWN & VILLAGE OF ARCADE

COUNTY OF WYOMING, STATE OF NEW YORK

SCALE 1 IN. = 100 FT. DEC. 2, 2024

GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NEW YORK

STATE OF NEW YORK
DANA C. GROVER
No. 49812
Licensed Land Surveyor

Dana C. Grover, PLS No. 49812

REF. ABSTRACTS:

CROSSROADS ABSTRACT, No. WY22053, DATED TO FEB. 22, 2024.

CROSSROADS ABSTRACT, No. WY22052, DATED TO FEB. 22, 2021.

CROSSROADS ABSTRACT, No. 12225, DATED TO OCT. 23, 2024.

CROSSROADS ABSTRACT, No. 12235, DATED TO OCT. 23, 2024.

CROSSROADS ABSTRACT, No. 12236, DATED TO OCT. 23, 2024.

REF. MAP:

DESIGN IMPROVEMENT OF NORTH STREET, DATED JAN. 28, 1960, BY GILLEN & WELLMAN.

REF. EASEMENT:

TO VILLAGE OF ARCADE, L. 246 D. 235 (1947), NOT LEGIBLE.

REF. DEEDS:

WCBC NORTH, LLC
L. 807 D. 568, L.809 D. 839
AREA = 15.065 ACRES TO CL
AREA = 0.038 ACRES ROAD TAKING
TOTAL AREA = 15.027 ACRES TO CL

LINE	BEARING	DISTANCE
L1	N 12°23'59" E	25.50'
L2	S 35°26'01" E	22.00'

BUILDING TIES SHOWN HEREON ARE TO THE EXTERIOR FACE OF THE BUILDING

THIS MAP MAY NOT BE USED IN CONNECTION WITH AN AFFIDAVIT OF NO CHANGE TO A SURVEY OR SIMILAR DOCUMENT, STATEMENT OR MECHANISM TO OBTAIN TITLE INSURANCE FOR ANY SUBSEQUENT OR FUTURE GRANTEES.

24-W119

ATTACHMENT 4

PHASE II ESA REPORT
(PROVIDED AS A SEPARATE PDF)

ATTACHMENT 5

ANALYTICAL LABORATORY REPORTS

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-163813-1
Client Project/Site: Church Street Project

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Robert Napieralski

Authorized for release by:
12/17/2019 5:21:35 PM
Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

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

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

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

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery 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
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD 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.
X	Surrogate is outside control limits

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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-163813-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-163813-1

Comments
No additional comments.

Receipt
The samples were received on 12/6/2019 3:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2º C and 2.5º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-508746 recovered above the upper control limit for 2-Butanone (MEK) and 2-Hexanone. The samples associated with this CCV were non-detect above the reporting limit for the affected analytes; therefore, the data have been reported. The following samples are impacted: TP #3, 2-3 (480-163813-2), TP #5, 1-2 (480-163813-3), TP #6, 3-4 (480-163813-4), TP #9, 3 (480-163813-5) and TP #1, 1-2 (480-163813-6).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-508768 and analytical batch 480-508746 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The following samples are impacted: TP #5, 1-2 (480-163813-3[MS]) and TP #5, 1-2 (480-163813-3[MSD]).

Method 8260C: The following samples were analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: SAMPLE 1UST (480-163813-10), SAMPLE 3UST (480-163813-12) and SAMPLE 4UST (480-163813-13). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SAMPLE 2UST (480-163813-11). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-509077 recovered above the upper control limit for 4-Nitrophenol, Bis(2-ethylhexyl) phthalate and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: TP #4, 1-2 (480-163813-1), TP #3, 2-3 (480-163813-2), TP #5, 1-2 (480-163813-3), TP #6, 3-4 (480-163813-4), TP #9, 3 (480-163813-5), TP #1, 1-2 (480-163813-6), TP9 SURFACE (480-163813-7), CHURCHSTREET BAYAREA (480-163813-8) and UST PARKING AREA (480-163813-9).

Method 8270D: The following samples was diluted due to color and appearance: TP #5, 1-2 (480-163813-3), TP #5, 1-2 (480-163813-3[MS]), TP #5, 1-2 (480-163813-3[MSD]), TP #9, 3 (480-163813-5), TP9 SURFACE (480-163813-7), CHURCHSTREET BAYAREA (480-163813-8) and SAMPLE 4UST (480-163813-13). Elevated reporting limits (RL) are provided.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-508877 and analytical batch 480-509077 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-508877 and analytical batch 480-509077 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8270D: Surrogate recovery was outside acceptance limits for the following matrix spike duplicate (MSD) sample: TP #5, 1-2 (480-163813-3[MSD]). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

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

GC Semi VOA
Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-508966/5) that had recoveries for

Job ID: 480-163813-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

the surrogate Decachlorobiphenyl that were below acceptance limits: TP #4, 1-2 (480-163813-1), TP #3, 2-3 (480-163813-2), TP #5, 1-2 (480-163813-3), TP #6, 3-4 (480-163813-4), TP #9, 3 (480-163813-5), TP #1, 1-2 (480-163813-6), TP9 SURFACE (480-163813-7), CHURCHSTREET BAYAREA (480-163813-8) and UST PARKING AREA (480-163813-9). The secondary surrogate Tetrachloro-m-xylene is within 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: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP #4, 1-2 — Lab Sample ID: 480-163813-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	63	J	210	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	88	J	210	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	66	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	39	J	210	27	ug/Kg	1	☼	8270D	Total/NA
Chrysene	76	J	210	47	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	100	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	50	J	210	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	44	J	210	31	ug/Kg	1	☼	8270D	Total/NA
Pyrene	100	J	210	25	ug/Kg	1	☼	8270D	Total/NA
Arsenic	8.1		2.4	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	39.5		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.088	J	0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	7.3		0.61	0.24	mg/Kg	1	☼	6010C	Total/NA
Lead	16.4		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.29		0.024	0.0098	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP #3, 2-3 — Lab Sample ID: 480-163813-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.26	J	2.1	0.13	ug/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	70	J	210	42	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	170	J	210	27	ug/Kg	1	☼	8270D	Total/NA
Anthracene	130	J	210	52	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	580		210	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	520		210	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	870		210	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	410		210	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	350		210	27	ug/Kg	1	☼	8270D	Total/NA
Carbazole	27	J	210	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	690		210	47	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	130	J	210	37	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	31	J	210	25	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	910		210	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	380		210	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	200	J	210	31	ug/Kg	1	☼	8270D	Total/NA
Pyrene	880		210	25	ug/Kg	1	☼	8270D	Total/NA
Arsenic	35.8		2.5	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	69.5		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Chromium	10.2		0.62	0.25	mg/Kg	1	☼	6010C	Total/NA
Lead	50.0		1.2	0.30	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.74	J	4.9	0.49	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.52		0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP #5, 1-2 — Lab Sample ID: 480-163813-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.0	J	11	0.78	ug/Kg	1	☼	8260C	Total/NA
Acetone	15		11	1.8	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	1200	F1 F2	1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	970	J F1 F2	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	1200	F1 F2	1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	600	J F2	1000	110	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP #5, 1-2 (Continued)

Lab Sample ID: 480-163813-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	500	J F2	1000	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1100	F1 F2	1000	230	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	220	J F2	1000	180	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	2200	F1 F2	1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	500	J F1 F2	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	770	J F1 F2	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	2000	F1 F2	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	19.2		2.5	0.51	mg/Kg	1	☼	6010C	Total/NA
Barium	109	F1 F2	0.63	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.062	J	0.25	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.3		0.63	0.25	mg/Kg	1	☼	6010C	Total/NA
Lead	2340	F2	1.3	0.30	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.1	J	5.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.45	F1	0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP #6, 3-4

Lab Sample ID: 480-163813-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.4	J	7.1	0.52	ug/Kg	1	☼	8260C	Total/NA
Acetone	1.7	J	7.1	1.2	ug/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.95	J	1.4	0.65	ug/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	48	J	190	38	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	46	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Anthracene	99	J	190	47	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	420		190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	460		190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	510		190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	310		190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	240		190	25	ug/Kg	1	☼	8270D	Total/NA
Carbazole	76	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Chrysene	470		190	43	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	97	J	190	34	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	29	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	760		190	20	ug/Kg	1	☼	8270D	Total/NA
Fluorene	31	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	290		190	24	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	30	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	490		190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	720		190	22	ug/Kg	1	☼	8270D	Total/NA
Arsenic	9.9		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	50.7		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.18	J	0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.7		0.58	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	16.0		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.23		0.021	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP #9, 3

Lab Sample ID: 480-163813-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.3	J	11	0.82	ug/Kg	1	☼	8260C	Total/NA
Benzo[g,h,i]perylene	230	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
PCB-1254	0.21	J	0.25	0.12	mg/Kg	1	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP #9, 3 (Continued) — Lab Sample ID: 480-163813-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	73.8		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	115		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.79		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.4		0.65	0.26	mg/Kg	1	☼	6010C	Total/NA
Lead	270		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.82	J	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.25		0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP #1, 1-2 — Lab Sample ID: 480-163813-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J	7.0	1.2	ug/Kg	1	☼	8260C	Total/NA
Methylene Chloride	0.66	J	1.4	0.64	ug/Kg	1	☼	8260C	Total/NA
Acenaphthylene	63	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Anthracene	62	J	200	51	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	320		200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	300		200	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	380		200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	210		200	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	190	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Carbazole	25	J	200	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene	340		200	46	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	82	J	200	36	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	530		200	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	190	J	200	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	200		200	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	430		200	24	ug/Kg	1	☼	8270D	Total/NA
Arsenic	8.4		2.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Barium	72.8		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.51		0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	10.9		0.58	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	92.6		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.10		0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP9 SURFACE — Lab Sample ID: 480-163813-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	590	J	2000	200	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	460	J	2000	300	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	660	J	2000	320	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	490	J	2000	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	290	J	2000	260	ug/Kg	10	☼	8270D	Total/NA
Chrysene	630	J	2000	450	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	830	J	2000	210	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	400	J	2000	250	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	310	J	2000	300	ug/Kg	10	☼	8270D	Total/NA
Pyrene	670	J	2000	240	ug/Kg	10	☼	8270D	Total/NA
PCB-1254	0.96		0.24	0.11	mg/Kg	1	☼	8082A	Total/NA
Arsenic	72.1		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	107		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.78		0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	17.3		0.59	0.23	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP9 SURFACE (Continued) — Lab Sample ID: 480-163813-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	222		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.26		0.024	0.0099	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: CHURCHSTREET BAYAREA — Lab Sample ID: 480-163813-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	520	J	2100	340	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	330	J	2100	230	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	510	J	2100	230	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	280	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Pyrene	490	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Arsenic	8.8		2.5	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	110		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.40		0.25	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	14.5		0.62	0.25	mg/Kg	1	☼	6010C	Total/NA
Lead	121		1.2	0.30	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.17		0.024	0.0097	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: UST PARKING AREA — Lab Sample ID: 480-163813-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13.2		2.4	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	53.8		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.082	J	0.24	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.6		0.61	0.24	mg/Kg	1	☼	6010C	Total/NA
Lead	12.8		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.024		0.024	0.0098	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SAMPLE 1UST — Lab Sample ID: 480-163813-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2200		240	67	ug/Kg	10	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	820		240	73	ug/Kg	10	☼	8260C	Total/NA
4-Isopropyltoluene	170	J	240	82	ug/Kg	10	☼	8260C	Total/NA
Ethylbenzene	460		240	70	ug/Kg	10	☼	8260C	Total/NA
Isopropylbenzene	190	J	240	36	ug/Kg	10	☼	8260C	Total/NA
m-Xylene & p-Xylene	1400		480	130	ug/Kg	10	☼	8260C	Total/NA
Naphthalene	710		240	82	ug/Kg	10	☼	8260C	Total/NA
N-Propylbenzene	380		240	63	ug/Kg	10	☼	8260C	Total/NA
o-Xylene	560		240	31	ug/Kg	10	☼	8260C	Total/NA
sec-Butylbenzene	110	J	240	89	ug/Kg	10	☼	8260C	Total/NA
Toluene	89	J	240	65	ug/Kg	10	☼	8260C	Total/NA
Xylenes, Total	2000		480	130	ug/Kg	10	☼	8260C	Total/NA
Naphthalene	210		190	25	ug/Kg	1	☼	8270D	Total/NA
Arsenic	16.0		2.2	0.44	mg/Kg	1	☼	6010C	Total/NA
Barium	81.0		0.55	0.12	mg/Kg	1	☼	6010C	Total/NA
Chromium	20.0		0.55	0.22	mg/Kg	1	☼	6010C	Total/NA
Lead	19.2		1.1	0.26	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SAMPLE 2UST — Lab Sample ID: 480-163813-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	7600		310	85	ug/Kg	20	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SAMPLE 2UST (Continued)

Lab Sample ID: 480-163813-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	2200		310	92	ug/Kg	20	☼	8260C	Total/NA
Benzene	1400		310	58	ug/Kg	20	☼	8260C	Total/NA
Ethylbenzene	3400		310	89	ug/Kg	20	☼	8260C	Total/NA
Isopropylbenzene	540		310	46	ug/Kg	20	☼	8260C	Total/NA
m-Xylene & p-Xylene	15000		610	170	ug/Kg	20	☼	8260C	Total/NA
Naphthalene	950		310	100	ug/Kg	20	☼	8260C	Total/NA
N-Propylbenzene	1200		310	80	ug/Kg	20	☼	8260C	Total/NA
o-Xylene	6100		310	40	ug/Kg	20	☼	8260C	Total/NA
sec-Butylbenzene	150	J	310	110	ug/Kg	20	☼	8260C	Total/NA
Toluene	9300		310	82	ug/Kg	20	☼	8260C	Total/NA
Xylenes, Total	21000		610	170	ug/Kg	20	☼	8260C	Total/NA
Benzo[g,h,i]perylene	20	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	27	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	1600		190	25	ug/Kg	1	☼	8270D	Total/NA
Pyrene	24	J	190	23	ug/Kg	1	☼	8270D	Total/NA
Arsenic	9.6		2.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Barium	54.2		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.28		0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	13.8		0.58	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	24.1		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Silver	0.31	J	0.70	0.23	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.030		0.022	0.0089	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SAMPLE 3UST

Lab Sample ID: 480-163813-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3300		370	100	ug/Kg	10	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	1100		370	110	ug/Kg	10	☼	8260C	Total/NA
4-Isopropyltoluene	170	J	370	130	ug/Kg	10	☼	8260C	Total/NA
Ethylbenzene	340	J	370	110	ug/Kg	10	☼	8260C	Total/NA
Isopropylbenzene	150	J	370	56	ug/Kg	10	☼	8260C	Total/NA
m-Xylene & p-Xylene	1200		740	210	ug/Kg	10	☼	8260C	Total/NA
Naphthalene	530		370	130	ug/Kg	10	☼	8260C	Total/NA
N-Propylbenzene	410		370	98	ug/Kg	10	☼	8260C	Total/NA
o-Xylene	480		370	48	ug/Kg	10	☼	8260C	Total/NA
sec-Butylbenzene	140	J	370	140	ug/Kg	10	☼	8260C	Total/NA
Xylenes, Total	1700		740	210	ug/Kg	10	☼	8260C	Total/NA
Benzo[a]anthracene	85	J	220	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	76	J	220	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	98	J	220	35	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	57	J	220	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene	92	J	220	50	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	130	J	220	24	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	58	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	700		220	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	110	J	220	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	50	J	220	33	ug/Kg	1	☼	8270D	Total/NA
Arsenic	9.0		2.6	0.53	mg/Kg	1	☼	6010C	Total/NA
Barium	92.1		0.66	0.15	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.35		0.26	0.040	mg/Kg	1	☼	6010C	Total/NA
Chromium	18.5		0.66	0.26	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SAMPLE 3UST (Continued)

Lab Sample ID: 480-163813-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	23.8		1.3	0.32	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.81	J	5.3	0.53	mg/Kg	1	☼	6010C	Total/NA
Silver	0.26	J	0.79	0.26	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.15		0.027	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SAMPLE 4UST

Lab Sample ID: 480-163813-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	88	J	110	31	ug/Kg	4	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	170		110	34	ug/Kg	4	☼	8260C	Total/NA
4-Isopropyltoluene	90	J	110	38	ug/Kg	4	☼	8260C	Total/NA
Ethylbenzene	140		110	33	ug/Kg	4	☼	8260C	Total/NA
Isopropylbenzene	84	J	110	17	ug/Kg	4	☼	8260C	Total/NA
m-Xylene & p-Xylene	100	J	220	62	ug/Kg	4	☼	8260C	Total/NA
Naphthalene	200		110	38	ug/Kg	4	☼	8260C	Total/NA
N-Propylbenzene	200		110	29	ug/Kg	4	☼	8260C	Total/NA
o-Xylene	15	J	110	15	ug/Kg	4	☼	8260C	Total/NA
sec-Butylbenzene	88	J	110	41	ug/Kg	4	☼	8260C	Total/NA
Xylenes, Total	120	J	220	62	ug/Kg	4	☼	8260C	Total/NA
Benzo[g,h,i]perylene	140	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	250	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	700	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Pyrene	190	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	11.2		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	89.0		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.22	J	0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.0		0.65	0.26	mg/Kg	1	☼	6010C	Total/NA
Lead	41.6		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.53	J	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP #4, 1-2

Date Collected: 12/05/19 08:48
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-1

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.4	0.10	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.23	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,1,2-Trichloroethane	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.4	0.32	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,1-Dichloroethane	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,1-Dichloroethene	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,2,4-Trichlorobenzene	ND		1.4	0.087	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,2-Dibromo-3-Chloropropane	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,2-Dichlorobenzene	ND		1.4	0.11	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,2-Dichloroethane	ND		1.4	0.072	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,2-Dichloropropane	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,3-Dichlorobenzene	ND		1.4	0.073	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,4-Dichlorobenzene	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
2-Butanone (MEK)	ND		7.1	0.52	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
2-Hexanone	ND		7.1	0.71	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		7.1	0.47	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Acetone	ND		7.1	1.2	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Benzene	ND		1.4	0.070	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Bromodichloromethane	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Bromoform	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Bromomethane	ND		1.4	0.13	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Carbon disulfide	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Carbon tetrachloride	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Chlorobenzene	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Dibromochloromethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Chloroethane	ND		1.4	0.32	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Chloroform	ND		1.4	0.088	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Chloromethane	ND		1.4	0.086	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
cis-1,2-Dichloroethene	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
cis-1,3-Dichloropropene	ND		1.4	0.21	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Cyclohexane	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Dichlorodifluoromethane	ND		1.4	0.12	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Ethylbenzene	ND		1.4	0.098	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
1,2-Dibromoethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Isopropylbenzene	ND		1.4	0.21	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Methyl acetate	ND		7.1	0.86	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Methyl tert-butyl ether	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Methylcyclohexane	ND		1.4	0.22	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Methylene Chloride	ND		1.4	0.66	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Styrene	ND		1.4	0.071	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Tetrachloroethene	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Toluene	ND		1.4	0.11	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
trans-1,2-Dichloroethene	ND		1.4	0.15	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
trans-1,3-Dichloropropene	ND		1.4	0.63	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Trichloroethene	ND		1.4	0.31	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Trichlorofluoromethane	ND		1.4	0.13	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Vinyl chloride	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1
Xylenes, Total	ND		2.8	0.24	ug/Kg	☼	12/07/19 08:00	12/10/19 12:38	1

Client Sample ID: TP #4, 1-2
Date Collected: 12/05/19 08:48
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-1
Matrix: Solid
Percent Solids: 81.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 125*	*12/07/19 08:00*	*12/10/19 12:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*12/07/19 08:00*	*12/10/19 12:38*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*12/07/19 08:00*	*12/10/19 12:38*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*12/07/19 08:00*	*12/10/19 12:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,4,5-Trichlorophenol	ND		210	57	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,4,6-Trichlorophenol	ND		210	42	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,4-Dinitrophenol	ND		2000	960	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2,6-Dinitrotoluene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2-Chlorophenol	ND		410	38	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2-Methylphenol	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2-Methylnaphthalene	ND		210	42	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2-Nitroaniline	ND		410	31	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
3,3'-Dichlorobenzidine	ND		410	250	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
3-Nitroaniline	ND		410	58	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4,6-Dinitro-2-methylphenol	ND		410	210	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Bromophenyl phenyl ether	ND		210	29	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Chloro-3-methylphenol	ND		210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Chloroaniline	ND		210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Methylphenol	ND		410	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Nitroaniline	ND		410	110	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
4-Nitrophenol	ND		410	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Acenaphthene	ND		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Acenaphthylene	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Acetophenone	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Anthracene	ND		210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Atrazine	ND		210	72	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Benzaldehyde	ND		210	170	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Benzo[a]pyrene	**63**	**J**	210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Benzo[b]fluoranthene	**88**	**J**	210	33	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Benzo[g,h,i]perylene	**66**	**J**	210	22	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Benzo[k]fluoranthene	**39**	**J**	210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Bis(2-ethylhexyl) phthalate	ND		210	71	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Butyl benzyl phthalate	ND		210	34	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Caprolactam	ND		210	63	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Carbazole	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Chrysene	**76**	**J**	210	47	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1

Client Sample ID: TP #4, 1-2

Date Collected: 12/05/19 08:48
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-1

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Di-n-butyl phthalate	ND		210	36	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Di-n-octyl phthalate	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Dibenzofuran	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Dimethyl phthalate	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Fluoranthene	**100**	**J**	210	22	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Fluorene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Hexachloroethane	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Indeno[1,2,3-cd]pyrene	**50**	**J**	210	26	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Isophorone	ND		210	44	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
N-Nitrosodi-n-propylamine	ND		210	36	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Naphthalene	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Nitrobenzene	ND		210	23	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Pentachlorophenol	ND		410	210	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Phenanthrene	**44**	**J**	210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Phenol	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1
Pyrene	**100**	**J**	210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*81*		*53 - 120*	*12/09/19 15:01*	*12/10/19 16:59*	*1*
Phenol-d5 (Surr)	*72*		*54 - 120*	*12/09/19 15:01*	*12/10/19 16:59*	*1*
p-Terphenyl-d14 (Surr)	*112*		*79 - 130*	*12/09/19 15:01*	*12/10/19 16:59*	*1*
2,4,6-Tribromophenol (Surr)	*105*		*54 - 120*	*12/09/19 15:01*	*12/10/19 16:59*	*1*
2-Fluorobiphenyl	*94*		*60 - 120*	*12/09/19 15:01*	*12/10/19 16:59*	*1*
2-Fluorophenol (Surr)	*69*		*52 - 120*	*12/09/19 15:01*	*12/10/19 16:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*12/09/19 07:45*	*12/10/19 11:51*	*1*
Tetrachloro-m-xylene	*86*		*60 - 154*	*12/09/19 07:45*	*12/10/19 11:51*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*12/09/19 07:45*	*12/10/19 11:51*	*1*
DCB Decachlorobiphenyl	*74*		*65 - 174*	*12/09/19 07:45*	*12/10/19 11:51*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.1**		2.4	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1

Client Sample ID: TP #4, 1-2

Lab Sample ID: 480-163813-1

Date Collected: 12/05/19 08:48
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**39.5**		0.61	0.13	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1
Cadmium	**0.088**	**J**	0.24	0.036	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1
Chromium	**7.3**		0.61	0.24	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1
Lead	**16.4**		1.2	0.29	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1
Selenium	ND		4.9	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1
Silver	ND		0.73	0.24	mg/Kg	☼	12/10/19 14:13	12/11/19 18:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.29**		0.024	0.0098	mg/Kg	☼	12/15/19 14:01	12/15/19 15:01	1

Client Sample ID: TP #3, 2-3

Lab Sample ID: 480-163813-2

Date Collected: 12/05/19 09:30
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.1	0.15	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,1,2,2-Tetrachloroethane	ND		2.1	0.34	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,1,2-Trichloroethane	ND		2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.1	0.48	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,1-Dichloroethane	ND		2.1	0.26	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,1-Dichloroethene	ND		2.1	0.26	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,2,4-Trichlorobenzene	ND		2.1	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,2-Dibromo-3-Chloropropane	ND		2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,2-Dichlorobenzene	ND		2.1	0.16	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,2-Dichloroethane	ND		2.1	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,2-Dichloropropane	ND		2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,3-Dichlorobenzene	ND		2.1	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
1,4-Dichlorobenzene	ND		2.1	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
2-Butanone (MEK)	ND		11	0.77	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
2-Hexanone	ND		11	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
4-Methyl-2-pentanone (MIBK)	ND		11	0.69	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Acetone	ND		11	1.8	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Benzene	ND		2.1	0.10	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Bromodichloromethane	ND		2.1	0.28	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Bromoform	ND		2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Bromomethane	ND		2.1	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Carbon disulfide	ND		2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Carbon tetrachloride	ND		2.1	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Chlorobenzene	ND		2.1	0.28	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Dibromochloromethane	ND		2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Chloroethane	ND		2.1	0.48	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Chloroform	**0.26**	**J**	2.1	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Chloromethane	ND		2.1	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
cis-1,2-Dichloroethene	ND		2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
cis-1,3-Dichloropropene	ND		2.1	0.30	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Cyclohexane	ND		2.1	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Dichlorodifluoromethane	ND		2.1	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Ethylbenzene	ND		2.1	0.15	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1

Client Sample ID: TP #3, 2-3
Date Collected: 12/05/19 09:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-2
Matrix: Solid
Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Isopropylbenzene	ND		2.1	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Methyl acetate	ND		11	1.3	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Methyl tert-butyl ether	ND		2.1	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Methylcyclohexane	ND		2.1	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Methylene Chloride	ND		2.1	0.97	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Styrene	ND		2.1	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Tetrachloroethene	ND		2.1	0.28	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Toluene	ND		2.1	0.16	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
trans-1,2-Dichloroethene	ND		2.1	0.22	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
trans-1,3-Dichloropropene	ND		2.1	0.93	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Trichloroethene	ND		2.1	0.46	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Trichlorofluoromethane	ND		2.1	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Vinyl chloride	ND		2.1	0.26	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1
Xylenes, Total	ND		4.2	0.35	ug/Kg	☼	12/07/19 08:00	12/09/19 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*71 - 125*	*12/07/19 08:00*	*12/09/19 12:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*64 - 126*	*12/07/19 08:00*	*12/09/19 12:44*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*12/07/19 08:00*	*12/09/19 12:44*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*12/07/19 08:00*	*12/09/19 12:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,4,5-Trichlorophenol	ND		210	57	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,4,6-Trichlorophenol	ND		210	42	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,4-Dimethylphenol	ND		210	51	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,4-Dinitrophenol	ND		2000	970	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2,6-Dinitrotoluene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2-Chloronaphthalene	ND		210	35	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2-Chlorophenol	ND		410	38	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2-Methylphenol	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2-Methylnaphthalene	**70**	**J**	210	42	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2-Nitroaniline	ND		410	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
3,3'-Dichlorobenzidine	ND		410	250	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
3-Nitroaniline	ND		410	58	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4,6-Dinitro-2-methylphenol	ND		410	210	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Bromophenyl phenyl ether	ND		210	30	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Chloro-3-methylphenol	ND		210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Chloroaniline	ND		210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Methylphenol	ND		410	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Nitroaniline	ND		410	110	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
4-Nitrophenol	ND		410	150	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Acenaphthene	ND		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1

Client Sample ID: TP #3, 2-3

Date Collected: 12/05/19 09:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-2

Matrix: Solid
Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**170**	**J**	210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Acetophenone	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Anthracene	**130**	**J**	210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Atrazine	ND		210	73	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Benzaldehyde	ND		210	170	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Benzo[a]anthracene	**580**		210	21	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Benzo[a]pyrene	**520**		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Benzo[b]fluoranthene	**870**		210	33	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Benzo[g,h,i]perylene	**410**		210	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Benzo[k]fluoranthene	**350**		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Bis(2-ethylhexyl) phthalate	ND		210	72	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Butyl benzyl phthalate	ND		210	35	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Caprolactam	ND		210	63	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Carbazole	**27**	**J**	210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Chrysene	**690**		210	47	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Dibenz(a,h)anthracene	**130**	**J**	210	37	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Di-n-butyl phthalate	ND		210	36	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Di-n-octyl phthalate	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Dibenzofuran	**31**	**J**	210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Dimethyl phthalate	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Fluoranthene	**910**		210	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Fluorene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Hexachloroethane	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Indeno[1,2,3-cd]pyrene	**380**		210	26	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Isophorone	ND		210	44	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
N-Nitrosodi-n-propylamine	ND		210	36	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Naphthalene	ND		210	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Nitrobenzene	ND		210	23	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Pentachlorophenol	ND		410	210	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Phenanthrene	**200**	**J**	210	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Phenol	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1
Pyrene	**880**		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*92*		*53 - 120*	*12/09/19 15:01*	*12/10/19 17:24*	*1*
Phenol-d5 (Surr)	*81*		*54 - 120*	*12/09/19 15:01*	*12/10/19 17:24*	*1*
p-Terphenyl-d14 (Surr)	*109*		*79 - 130*	*12/09/19 15:01*	*12/10/19 17:24*	*1*
2,4,6-Tribromophenol (Surr)	*103*		*54 - 120*	*12/09/19 15:01*	*12/10/19 17:24*	*1*
2-Fluorobiphenyl	*99*		*60 - 120*	*12/09/19 15:01*	*12/10/19 17:24*	*1*
2-Fluorophenol (Surr)	*82*		*52 - 120*	*12/09/19 15:01*	*12/10/19 17:24*	*1*

Client Sample ID: TP #3, 2-3

Date Collected: 12/05/19 09:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-2

Matrix: Solid
Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.059	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1
PCB-1221	ND		0.30	0.059	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1
PCB-1232	ND		0.30	0.059	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1
PCB-1242	ND		0.30	0.059	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1
PCB-1248	ND		0.30	0.059	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:04*	*1*
Tetrachloro-m-xylene	*91*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:04*	*1*
DCB Decachlorobiphenyl	*101*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:04*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:04*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**35.8**		2.5	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1
Barium	**69.5**		0.62	0.14	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1
Cadmium	ND		0.25	0.037	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1
Chromium	**10.2**		0.62	0.25	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1
Lead	**50.0**		1.2	0.30	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1
Selenium	**0.74**	**J**	4.9	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1
Silver	ND		0.74	0.25	mg/Kg	☼	12/10/19 14:13	12/11/19 18:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.52**		0.025	0.010	mg/Kg	☼	12/15/19 14:01	12/15/19 15:02	1

Client Sample ID: TP #5, 1-2

Date Collected: 12/05/19 10:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-3

Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	2.1	0.15	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,1,2,2-Tetrachloroethane	ND	F1	2.1	0.35	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,1,2-Trichloroethane	ND	F1	2.1	0.28	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.1	0.49	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,1-Dichloroethane	ND	F1	2.1	0.26	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,1-Dichloroethene	ND	F1	2.1	0.26	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,2,4-Trichlorobenzene	ND	F1	2.1	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,2-Dibromo-3-Chloropropane	ND	F1	2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,2-Dichlorobenzene	ND	F1	2.1	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,2-Dichloroethane	ND	F1	2.1	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,2-Dichloropropane	ND	F1	2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,3-Dichlorobenzene	ND	F1	2.1	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,4-Dichlorobenzene	ND	F1	2.1	0.30	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
2-Butanone (MEK)	**2.0**	**J**	11	0.78	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
2-Hexanone	ND	F1	11	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
4-Methyl-2-pentanone (MIBK)	ND		11	0.70	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Acetone	**15**		11	1.8	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1

Client Sample ID: TP #5, 1-2
Date Collected: 12/05/19 10:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-3
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	F1	2.1	0.10	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Bromodichloromethane	ND	F1	2.1	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Bromoform	ND	F1	2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Bromomethane	ND		2.1	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Carbon disulfide	ND	F1	2.1	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Carbon tetrachloride	ND	F1	2.1	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Chlorobenzene	ND	F1	2.1	0.28	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Dibromochloromethane	ND	F1	2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Chloroethane	ND		2.1	0.48	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Chloroform	ND	F1	2.1	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Chloromethane	ND		2.1	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
cis-1,2-Dichloroethene	ND	F1	2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
cis-1,3-Dichloropropene	ND	F1	2.1	0.31	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Cyclohexane	ND	F1	2.1	0.30	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Dichlorodifluoromethane	ND		2.1	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Ethylbenzene	ND	F1	2.1	0.15	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
1,2-Dibromoethane	ND	F1	2.1	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Isopropylbenzene	ND	F1	2.1	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Methyl acetate	ND		11	1.3	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Methyl tert-butyl ether	ND		2.1	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Methylcyclohexane	ND	F1	2.1	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Methylene Chloride	ND	F1	2.1	0.98	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Styrene	ND	F1	2.1	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Tetrachloroethene	ND	F1	2.1	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Toluene	ND	F1	2.1	0.16	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
trans-1,2-Dichloroethene	ND	F1	2.1	0.22	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
trans-1,3-Dichloropropene	ND	F1	2.1	0.94	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Trichloroethene	ND	F1	2.1	0.47	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Trichlorofluoromethane	ND	F1	2.1	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Vinyl chloride	ND		2.1	0.26	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1
Xylenes, Total	ND	F1	4.3	0.36	ug/Kg	☼	12/07/19 08:00	12/09/19 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*71 - 125*	*12/07/19 08:00*	*12/09/19 13:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*12/07/19 08:00*	*12/09/19 13:10*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*12/07/19 08:00*	*12/09/19 13:10*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*12/07/19 08:00*	*12/09/19 13:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
bis (2-chloroisopropyl) ether	ND	F2	1000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,4,5-Trichlorophenol	ND		1000	280	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,4,6-Trichlorophenol	ND		1000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,4-Dimethylphenol	ND		1000	250	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,4-Dinitrophenol	ND		10000	4700	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,4-Dinitrotoluene	ND		1000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5

Client Sample ID: TP #5, 1-2
Date Collected: 12/05/19 10:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-3
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		2000	190	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2-Methylnaphthalene	ND		1000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
2-Nitrophenol	ND	F2	1000	290	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
3-Nitroaniline	ND		2000	280	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Bromophenyl phenyl ether	ND		1000	140	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Chloro-3-methylphenol	ND		1000	250	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Chloroaniline	ND		1000	250	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Chlorophenyl phenyl ether	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Nitroaniline	ND		2000	540	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
4-Nitrophenol	ND		2000	720	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Acetophenone	ND	F2	1000	140	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Anthracene	ND	F1 F2	1000	250	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Atrazine	ND		1000	360	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Benzaldehyde	ND		1000	810	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Benzo[a]anthracene	**1200**	**F1 F2**	1000	100	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Benzo[a]pyrene	**970**	**J F1 F2**	1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Benzo[b]fluoranthene	**1200**	**F1 F2**	1000	160	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Benzo[g,h,i]perylene	**600**	**J F2**	1000	110	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Benzo[k]fluoranthene	**500**	**J F2**	1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Bis(2-chloroethoxy)methane	ND	F2	1000	220	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Bis(2-chloroethyl)ether	ND	F2	1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Bis(2-ethylhexyl) phthalate	ND		1000	350	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Caprolactam	ND		1000	310	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Carbazole	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Chrysene	**1100**	**F1 F2**	1000	230	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Dibenz(a,h)anthracene	**220**	**J F2**	1000	180	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Di-n-butyl phthalate	ND		1000	170	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Diethyl phthalate	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Fluoranthene	**2200**	**F1 F2**	1000	110	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Fluorene	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Hexachloroethane	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Indeno[1,2,3-cd]pyrene	**500**	**J F1 F2**	1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Isophorone	ND		1000	220	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
N-Nitrosodi-n-propylamine	ND		1000	170	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
N-Nitrosodiphenylamine	ND		1000	830	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5

Client Sample ID: TP #5, 1-2

Date Collected: 12/05/19 10:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-3

Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Nitrobenzene	ND		1000	110	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Phenanthrene	**770**	**J F1 F2**	1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Phenol	ND		1000	160	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5
Pyrene	**2000**	**F1 F2**	1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 16:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*81*		*53 - 120*	*12/09/19 15:01*	*12/10/19 16:34*	*5*
Phenol-d5 (Surr)	*72*		*54 - 120*	*12/09/19 15:01*	*12/10/19 16:34*	*5*
p-Terphenyl-d14 (Surr)	*100*		*79 - 130*	*12/09/19 15:01*	*12/10/19 16:34*	*5*
2,4,6-Tribromophenol (Surr)	*97*		*54 - 120*	*12/09/19 15:01*	*12/10/19 16:34*	*5*
2-Fluorobiphenyl	*89*		*60 - 120*	*12/09/19 15:01*	*12/10/19 16:34*	*5*
2-Fluorophenol (Surr)	*70*		*52 - 120*	*12/09/19 15:01*	*12/10/19 16:34*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1
PCB-1221	ND		0.24	0.046	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1
PCB-1232	ND		0.24	0.046	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1
PCB-1242	ND		0.24	0.046	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1
PCB-1248	ND		0.24	0.046	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	12/09/19 07:45	12/10/19 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*60 - 154*	*12/09/19 07:45*	*12/10/19 10:47*	*1*
Tetrachloro-m-xylene	*82*		*60 - 154*	*12/09/19 07:45*	*12/10/19 10:47*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*12/09/19 07:45*	*12/10/19 10:47*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*12/09/19 07:45*	*12/10/19 10:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19.2**		2.5	0.51	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1
Barium	**109**	**F1 F2**	0.63	0.14	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1
Cadmium	**0.062**	**J**	0.25	0.038	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1
Chromium	**12.3**		0.63	0.25	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1
Lead	**2340**	**F2**	1.3	0.30	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1
Selenium	**1.1**	**J**	5.1	0.51	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1
Silver	ND		0.76	0.25	mg/Kg	☼	12/10/19 14:13	12/11/19 18:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.45**	**F1**	0.025	0.010	mg/Kg	☼	12/15/19 14:01	12/15/19 15:04	1

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP #6, 3-4
Date Collected: 12/05/19 10:40
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-4
Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.4	0.10	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.23	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,1,2-Trichloroethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.4	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,1-Dichloroethane	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,1-Dichloroethene	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,2,4-Trichlorobenzene	ND		1.4	0.086	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,2-Dibromo-3-Chloropropane	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,2-Dichlorobenzene	ND		1.4	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,2-Dichloroethane	ND		1.4	0.071	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,2-Dichloropropane	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,3-Dichlorobenzene	ND		1.4	0.073	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,4-Dichlorobenzene	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
2-Butanone (MEK)	**1.4**	**J**	7.1	0.52	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
2-Hexanone	ND		7.1	0.71	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		7.1	0.46	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Acetone	**1.7**	**J**	7.1	1.2	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Benzene	ND		1.4	0.069	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Bromodichloromethane	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Bromoform	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Bromomethane	ND		1.4	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Carbon disulfide	ND		1.4	0.71	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Carbon tetrachloride	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Chlorobenzene	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Dibromochloromethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Chloroethane	ND		1.4	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Chloroform	ND		1.4	0.087	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Chloromethane	ND		1.4	0.085	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
cis-1,2-Dichloroethene	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
cis-1,3-Dichloropropene	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Cyclohexane	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Dichlorodifluoromethane	ND		1.4	0.12	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Ethylbenzene	ND		1.4	0.098	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
1,2-Dibromoethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Isopropylbenzene	ND		1.4	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Methyl acetate	ND		7.1	0.85	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Methyl tert-butyl ether	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Methylcyclohexane	ND		1.4	0.22	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Methylene Chloride	**0.95**	**J**	1.4	0.65	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Styrene	ND		1.4	0.071	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Tetrachloroethene	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Toluene	ND		1.4	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
trans-1,2-Dichloroethene	ND		1.4	0.15	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
trans-1,3-Dichloropropene	ND		1.4	0.62	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Trichloroethene	ND		1.4	0.31	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Trichlorofluoromethane	ND		1.4	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Vinyl chloride	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1
Xylenes, Total	ND		2.8	0.24	ug/Kg	☼	12/07/19 08:00	12/09/19 13:36	1

Client Sample ID: TP #6, 3-4
Date Collected: 12/05/19 10:40
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-4
Matrix: Solid
Percent Solids: 87.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 125*	*12/07/19 08:00*	*12/09/19 13:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*12/07/19 08:00*	*12/09/19 13:36*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*12/07/19 08:00*	*12/09/19 13:36*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*12/07/19 08:00*	*12/09/19 13:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,4-Dinitrophenol	ND		1900	880	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2-Chlorophenol	ND		370	35	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2-Methylphenol	ND		190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2-Methylnaphthalene	**48**	**J**	190	38	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
2-Nitrophenol	ND		190	54	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
3-Nitroaniline	ND		370	53	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Chloroaniline	ND		190	47	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Methylphenol	ND		370	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Nitroaniline	ND		370	100	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
4-Nitrophenol	ND		370	130	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Acenaphthene	**46**	**J**	190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Acenaphthylene	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Acetophenone	ND		190	26	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Anthracene	**99**	**J**	190	47	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Atrazine	ND		190	66	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Benzaldehyde	ND		190	150	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Benzo[a]anthracene	**420**		190	19	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Benzo[a]pyrene	**460**		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Benzo[b]fluoranthene	**510**		190	30	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Benzo[g,h,i]perylene	**310**		190	20	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Benzo[k]fluoranthene	**240**		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Bis(2-ethylhexyl) phthalate	ND		190	65	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Caprolactam	ND		190	57	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Carbazole	**76**	**J**	190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Chrysene	**470**		190	43	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1

Client Sample ID: TP #6, 3-4

Date Collected: 12/05/19 10:40
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-4

Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	**97**	**J**	190	34	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Dibenzofuran	**29**	**J**	190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Diethyl phthalate	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Fluoranthene	**760**		190	20	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Fluorene	**31**	**J**	190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Hexachloroethane	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Indeno[1,2,3-cd]pyrene	**290**		190	24	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Isophorone	ND		190	40	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Naphthalene	**30**	**J**	190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Nitrobenzene	ND		190	21	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Phenanthrene	**490**		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Phenol	ND		190	29	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1
Pyrene	**720**		190	22	ug/Kg	☼	12/09/19 15:01	12/10/19 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*80*		*53 - 120*	*12/09/19 15:01*	*12/10/19 17:49*	*1*
Phenol-d5 (Surr)	*72*		*54 - 120*	*12/09/19 15:01*	*12/10/19 17:49*	*1*
p-Terphenyl-d14 (Surr)	*99*		*79 - 130*	*12/09/19 15:01*	*12/10/19 17:49*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*54 - 120*	*12/09/19 15:01*	*12/10/19 17:49*	*1*
2-Fluorobiphenyl	*89*		*60 - 120*	*12/09/19 15:01*	*12/10/19 17:49*	*1*
2-Fluorophenol (Surr)	*69*		*52 - 120*	*12/09/19 15:01*	*12/10/19 17:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.055	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1
PCB-1221	ND		0.28	0.055	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1
PCB-1232	ND		0.28	0.055	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1
PCB-1242	ND		0.28	0.055	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1
PCB-1248	ND		0.28	0.055	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	12/09/19 07:45	12/10/19 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:17*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:17*	*1*
DCB Decachlorobiphenyl	*98*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:17*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:17*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.9**		2.3	0.47	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1

Client Sample ID: TP #6, 3-4

Date Collected: 12/05/19 10:40
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-4

Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**50.7**		0.58	0.13	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1
Cadmium	**0.18**	**J**	0.23	0.035	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1
Chromium	**12.7**		0.58	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1
Lead	**16.0**		1.2	0.28	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1
Selenium	ND		4.7	0.47	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1
Silver	ND		0.70	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 19:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.23**		0.021	0.0086	mg/Kg	☼	12/15/19 14:01	12/15/19 15:09	1

Client Sample ID: TP #9, 3

Date Collected: 12/05/19 12:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-5

Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.2	0.16	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,1,2,2-Tetrachloroethane	ND		2.2	0.36	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,1,2-Trichloroethane	ND		2.2	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.2	0.51	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,1-Dichloroethane	ND		2.2	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,1-Dichloroethene	ND		2.2	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,2,4-Trichlorobenzene	ND		2.2	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,2-Dibromo-3-Chloropropane	ND		2.2	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,2-Dichlorobenzene	ND		2.2	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,2-Dichloroethane	ND		2.2	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,2-Dichloropropane	ND		2.2	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,3-Dichlorobenzene	ND		2.2	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
1,4-Dichlorobenzene	ND		2.2	0.31	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
2-Butanone (MEK)	**5.3**	**J**	11	0.82	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
2-Hexanone	ND		11	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		11	0.73	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Acetone	ND		11	1.9	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Benzene	ND		2.2	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Bromodichloromethane	ND		2.2	0.30	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Bromoform	ND		2.2	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Bromomethane	ND		2.2	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Carbon disulfide	ND		2.2	1.1	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Carbon tetrachloride	ND		2.2	0.22	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Chlorobenzene	ND		2.2	0.30	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Dibromochloromethane	ND		2.2	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Chloroethane	ND		2.2	0.51	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Chloroform	ND		2.2	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Chloromethane	ND		2.2	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
cis-1,2-Dichloroethene	ND		2.2	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
cis-1,3-Dichloropropene	ND		2.2	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Cyclohexane	ND		2.2	0.31	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Dichlorodifluoromethane	ND		2.2	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Ethylbenzene	ND		2.2	0.15	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1

Client Sample ID: TP #9, 3
Date Collected: 12/05/19 12:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-5
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		2.2	0.29	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Isopropylbenzene	ND		2.2	0.34	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Methyl acetate	ND		11	1.3	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Methyl tert-butyl ether	ND		2.2	0.22	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Methylcyclohexane	ND		2.2	0.34	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Methylene Chloride	ND		2.2	1.0	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Styrene	ND		2.2	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Tetrachloroethene	ND		2.2	0.30	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Toluene	ND		2.2	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
trans-1,2-Dichloroethene	ND		2.2	0.23	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
trans-1,3-Dichloropropene	ND		2.2	0.98	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Trichloroethene	ND		2.2	0.49	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Trichlorofluoromethane	ND		2.2	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Vinyl chloride	ND		2.2	0.27	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1
Xylenes, Total	ND		4.5	0.38	ug/Kg	☼	12/07/19 08:00	12/09/19 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 125*	*12/07/19 08:00*	*12/09/19 14:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 126*	*12/07/19 08:00*	*12/09/19 14:01*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*	*12/07/19 08:00*	*12/09/19 14:01*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*12/07/19 08:00*	*12/09/19 14:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
bis (2-chloroisopropyl) ether	ND		2100	420	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,4,5-Trichlorophenol	ND		2100	570	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,4,6-Trichlorophenol	ND		2100	420	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,4-Dichlorophenol	ND		2100	220	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,4-Dimethylphenol	ND		2100	510	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,4-Dinitrophenol	ND		21000	9800	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,4-Dinitrotoluene	ND		2100	440	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2,6-Dinitrotoluene	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2-Chloronaphthalene	ND		2100	350	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2-Chlorophenol	ND		4100	390	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2-Methylphenol	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2-Methylnaphthalene	ND		2100	420	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2-Nitroaniline	ND		4100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
2-Nitrophenol	ND		2100	600	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
3,3'-Dichlorobenzidine	ND		4100	2500	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
3-Nitroaniline	ND		4100	580	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4,6-Dinitro-2-methylphenol	ND		4100	2100	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Bromophenyl phenyl ether	ND		2100	300	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Chloro-3-methylphenol	ND		2100	520	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Chloroaniline	ND		2100	520	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Chlorophenyl phenyl ether	ND		2100	260	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Methylphenol	ND		4100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Nitroaniline	ND		4100	1100	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
4-Nitrophenol	ND		4100	1500	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Acenaphthene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10

Client Sample ID: TP #9, 3
Date Collected: 12/05/19 12:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-5
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		2100	270	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Acetophenone	ND		2100	290	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Anthracene	ND		2100	520	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Atrazine	ND		2100	730	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Benzaldehyde	ND		2100	1700	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Benzo[a]anthracene	ND		2100	210	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Benzo[a]pyrene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Benzo[b]fluoranthene	ND		2100	340	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Benzo[g,h,i]perylene	**230**	**J**	2100	220	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Benzo[k]fluoranthene	ND		2100	270	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Bis(2-chloroethoxy)methane	ND		2100	450	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Bis(2-chloroethyl)ether	ND		2100	270	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Bis(2-ethylhexyl) phthalate	ND		2100	720	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Butyl benzyl phthalate	ND		2100	350	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Caprolactam	ND		2100	630	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Carbazole	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Chrysene	ND		2100	470	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Di-n-butyl phthalate	ND		2100	360	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Di-n-octyl phthalate	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Diethyl phthalate	ND		2100	270	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Dimethyl phthalate	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Fluoranthene	ND		2100	220	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Fluorene	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Hexachlorobutadiene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Hexachlorocyclopentadiene	ND		2100	290	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Hexachloroethane	ND		2100	270	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Indeno[1,2,3-cd]pyrene	ND		2100	260	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Isophorone	ND		2100	450	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
N-Nitrosodi-n-propylamine	ND		2100	360	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Naphthalene	ND		2100	270	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Nitrobenzene	ND		2100	240	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Pentachlorophenol	ND		4100	2100	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Phenanthrene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Phenol	ND		2100	320	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10
Pyrene	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 18:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*82*		*53 - 120*	*12/09/19 15:01*	*12/10/19 18:14*	*10*
Phenol-d5 (Surr)	*76*		*54 - 120*	*12/09/19 15:01*	*12/10/19 18:14*	*10*
p-Terphenyl-d14 (Surr)	*102*		*79 - 130*	*12/09/19 15:01*	*12/10/19 18:14*	*10*
2,4,6-Tribromophenol (Surr)	*111*		*54 - 120*	*12/09/19 15:01*	*12/10/19 18:14*	*10*
2-Fluorobiphenyl	*91*		*60 - 120*	*12/09/19 15:01*	*12/10/19 18:14*	*10*
2-Fluorophenol (Surr)	*74*		*52 - 120*	*12/09/19 15:01*	*12/10/19 18:14*	*10*

Client Sample ID: TP #9, 3

Date Collected: 12/05/19 12:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-5

Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1
PCB-1254	**0.21**	**J**	0.25	0.12	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	12/09/19 07:45	12/10/19 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:30*	*1*
Tetrachloro-m-xylene	*88*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:30*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:30*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**73.8**		2.6	0.52	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1
Barium	**115**		0.65	0.14	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1
Cadmium	**0.79**		0.26	0.039	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1
Chromium	**16.4**		0.65	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1
Lead	**270**		1.3	0.31	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1
Selenium	**0.82**	**J**	5.2	0.52	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1
Silver	ND		0.77	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 19:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.25**		0.025	0.010	mg/Kg	☼	12/15/19 14:01	12/15/19 15:10	1

Client Sample ID: TP #1, 1-2

Date Collected: 12/05/19 08:04
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-6

Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.4	0.10	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.23	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,1,2-Trichloroethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.4	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,1-Dichloroethane	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,1-Dichloroethene	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,2,4-Trichlorobenzene	ND		1.4	0.085	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,2-Dibromo-3-Chloropropane	ND		1.4	0.70	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,2-Dichlorobenzene	ND		1.4	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,2-Dichloroethane	ND		1.4	0.070	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,2-Dichloropropane	ND		1.4	0.70	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,3-Dichlorobenzene	ND		1.4	0.072	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,4-Dichlorobenzene	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
2-Butanone (MEK)	ND		7.0	0.51	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
2-Hexanone	ND		7.0	0.70	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		7.0	0.46	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Acetone	**1.8**	**J**	7.0	1.2	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1

Client Sample ID: TP #1, 1-2
Date Collected: 12/05/19 08:04
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-6
Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.4	0.068	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Bromodichloromethane	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Bromoform	ND		1.4	0.70	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Bromomethane	ND		1.4	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Carbon disulfide	ND		1.4	0.70	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Carbon tetrachloride	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Chlorobenzene	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Dibromochloromethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Chloroethane	ND		1.4	0.32	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Chloroform	ND		1.4	0.086	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Chloromethane	ND		1.4	0.084	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
cis-1,2-Dichloroethene	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
cis-1,3-Dichloropropene	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Cyclohexane	ND		1.4	0.20	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Dichlorodifluoromethane	ND		1.4	0.12	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Ethylbenzene	ND		1.4	0.096	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
1,2-Dibromoethane	ND		1.4	0.18	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Isopropylbenzene	ND		1.4	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Methyl acetate	ND		7.0	0.84	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Methyl tert-butyl ether	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Methylcyclohexane	ND		1.4	0.21	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Methylene Chloride	**0.66**	**J**	1.4	0.64	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Styrene	ND		1.4	0.070	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Tetrachloroethene	ND		1.4	0.19	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Toluene	ND		1.4	0.11	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
trans-1,2-Dichloroethene	ND		1.4	0.14	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
trans-1,3-Dichloropropene	ND		1.4	0.61	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Trichloroethene	ND		1.4	0.31	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Trichlorofluoromethane	ND		1.4	0.13	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Vinyl chloride	ND		1.4	0.17	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1
Xylenes, Total	ND		2.8	0.23	ug/Kg	☼	12/07/19 08:00	12/09/19 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 125*	*12/07/19 08:00*	*12/09/19 14:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*12/07/19 08:00*	*12/09/19 14:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*12/07/19 08:00*	*12/09/19 14:27*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*12/07/19 08:00*	*12/09/19 14:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	30	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,4-Dichlorophenol	ND		200	22	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2-Chloronaphthalene	ND		200	34	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1

Client Sample ID: TP #1, 1-2
Date Collected: 12/05/19 08:04
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-6
Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		400	37	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2-Methylphenol	ND		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
2-Nitrophenol	ND		200	58	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
3-Nitroaniline	ND		400	57	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4,6-Dinitro-2-methylphenol	ND		400	200	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Chloro-3-methylphenol	ND		200	51	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Chloroaniline	ND		200	51	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Methylphenol	ND		400	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
4-Nitrophenol	ND		400	140	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Acenaphthene	ND		200	30	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Acenaphthylene	**63**	**J**	200	26	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Acetophenone	ND		200	28	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Anthracene	**62**	**J**	200	51	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Atrazine	ND		200	71	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Benzaldehyde	ND		200	160	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Benzo[a]anthracene	**320**		200	20	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Benzo[a]pyrene	**300**		200	30	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Benzo[b]fluoranthene	**380**		200	32	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Benzo[g,h,i]perylene	**210**		200	22	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Benzo[k]fluoranthene	**190**	**J**	200	26	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Bis(2-ethylhexyl) phthalate	ND		200	70	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Butyl benzyl phthalate	ND		200	34	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Caprolactam	ND		200	61	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Carbazole	**25**	**J**	200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Chrysene	**340**		200	46	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Dibenz(a,h)anthracene	**82**	**J**	200	36	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Dibenzofuran	ND		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Fluoranthene	**530**		200	22	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Fluorene	ND		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Hexachlorobenzene	ND		200	28	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Hexachlorocyclopentadiene	ND		200	28	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Hexachloroethane	ND		200	26	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Indeno[1,2,3-cd]pyrene	**190**	**J**	200	25	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Isophorone	ND		200	43	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
N-Nitrosodiphenylamine	ND		200	170	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1

Client Sample ID: TP #1, 1-2

Date Collected: 12/05/19 08:04
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-6

Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		200	26	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Nitrobenzene	ND		200	23	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Pentachlorophenol	ND		400	200	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Phenanthrene	**200**		200	30	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Phenol	ND		200	31	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1
Pyrene	**430**		200	24	ug/Kg	☼	12/09/19 15:01	12/10/19 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*53 - 120*	*12/09/19 15:01*	*12/10/19 18:39*	*1*
Phenol-d5 (Surr)	*77*		*54 - 120*	*12/09/19 15:01*	*12/10/19 18:39*	*1*
p-Terphenyl-d14 (Surr)	*101*		*79 - 130*	*12/09/19 15:01*	*12/10/19 18:39*	*1*
2,4,6-Tribromophenol (Surr)	*105*		*54 - 120*	*12/09/19 15:01*	*12/10/19 18:39*	*1*
2-Fluorobiphenyl	*97*		*60 - 120*	*12/09/19 15:01*	*12/10/19 18:39*	*1*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*12/09/19 15:01*	*12/10/19 18:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	12/09/19 07:45	12/10/19 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:43*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:43*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:43*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:43*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.4**		2.3	0.46	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1
Barium	**72.8**		0.58	0.13	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1
Cadmium	**0.51**		0.23	0.035	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1
Chromium	**10.9**		0.58	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1
Lead	**92.6**		1.2	0.28	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1
Selenium	ND		4.6	0.46	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1
Silver	ND		0.69	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 19:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.025	0.010	mg/Kg	☼	12/15/19 14:01	12/15/19 15:14	1

Client Sample ID: TP9 SURFACE

Date Collected: 12/05/19 12:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-7

Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
bis (2-chloroisopropyl) ether	ND		2000	400	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,4,5-Trichlorophenol	ND		2000	540	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,4,6-Trichlorophenol	ND		2000	400	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,4-Dichlorophenol	ND		2000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,4-Dimethylphenol	ND		2000	480	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,4-Dinitrophenol	ND		20000	9300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,4-Dinitrotoluene	ND		2000	410	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2,6-Dinitrotoluene	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2-Chloronaphthalene	ND		2000	330	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2-Chlorophenol	ND		3900	370	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2-Methylphenol	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2-Methylnaphthalene	ND		2000	400	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2-Nitroaniline	ND		3900	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
2-Nitrophenol	ND		2000	570	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
3,3'-Dichlorobenzidine	ND		3900	2400	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
3-Nitroaniline	ND		3900	560	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4,6-Dinitro-2-methylphenol	ND		3900	2000	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Bromophenyl phenyl ether	ND		2000	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Chloro-3-methylphenol	ND		2000	500	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Chloroaniline	ND		2000	500	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Chlorophenyl phenyl ether	ND		2000	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Methylphenol	ND		3900	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Nitroaniline	ND		3900	1100	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
4-Nitrophenol	ND		3900	1400	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Acenaphthene	ND		2000	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Acenaphthylene	ND		2000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Acetophenone	ND		2000	270	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Anthracene	ND		2000	500	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Atrazine	ND		2000	700	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Benzaldehyde	ND		2000	1600	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Benzo[a]anthracene	**590**	**J**	2000	200	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Benzo[a]pyrene	**460**	**J**	2000	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Benzo[b]fluoranthene	**660**	**J**	2000	320	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Benzo[g,h,i]perylene	**490**	**J**	2000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Benzo[k]fluoranthene	**290**	**J**	2000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Bis(2-chloroethoxy)methane	ND		2000	430	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Bis(2-chloroethyl)ether	ND		2000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Bis(2-ethylhexyl) phthalate	ND		2000	680	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Butyl benzyl phthalate	ND		2000	330	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Caprolactam	ND		2000	600	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Carbazole	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Chrysene	**630**	**J**	2000	450	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Di-n-butyl phthalate	ND		2000	340	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Di-n-octyl phthalate	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Dibenzofuran	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Diethyl phthalate	ND		2000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Dimethyl phthalate	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10

Client Sample ID: TP9 SURFACE
Date Collected: 12/05/19 12:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-7
Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**830**	**J**	2000	210	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Fluorene	ND		2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Hexachlorobutadiene	ND		2000	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Hexachlorocyclopentadiene	ND		2000	270	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Hexachloroethane	ND		2000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Indeno[1,2,3-cd]pyrene	**400**	**J**	2000	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Isophorone	ND		2000	430	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
N-Nitrosodi-n-propylamine	ND		2000	340	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
N-Nitrosodiphenylamine	ND		2000	1600	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Naphthalene	ND		2000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Nitrobenzene	ND		2000	220	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Pentachlorophenol	ND		3900	2000	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Phenanthrene	**310**	**J**	2000	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Phenol	ND		2000	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10
Pyrene	**670**	**J**	2000	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*80*		*53 - 120*	*12/09/19 15:01*	*12/10/19 19:05*	*10*
Phenol-d5 (Surr)	*78*		*54 - 120*	*12/09/19 15:01*	*12/10/19 19:05*	*10*
p-Terphenyl-d14 (Surr)	*103*		*79 - 130*	*12/09/19 15:01*	*12/10/19 19:05*	*10*
2,4,6-Tribromophenol (Surr)	*113*		*54 - 120*	*12/09/19 15:01*	*12/10/19 19:05*	*10*
2-Fluorobiphenyl	*94*		*60 - 120*	*12/09/19 15:01*	*12/10/19 19:05*	*10*
2-Fluorophenol (Surr)	*83*		*52 - 120*	*12/09/19 15:01*	*12/10/19 19:05*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1
PCB-1254	**0.96**		0.24	0.11	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	12/09/19 07:45	12/10/19 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:55*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*12/09/19 07:45*	*12/10/19 12:55*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:55*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*12/09/19 07:45*	*12/10/19 12:55*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**72.1**		2.3	0.47	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1
Barium	**107**		0.59	0.13	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1
Cadmium	**0.78**		0.23	0.035	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1
Chromium	**17.3**		0.59	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1
Lead	**222**		1.2	0.28	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1
Selenium	ND		4.7	0.47	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1
Silver	ND		0.70	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 19:36	1

Client Sample ID: TP9 SURFACE

Lab Sample ID: 480-163813-7

Date Collected: 12/05/19 12:10
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 84.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.26**		0.024	0.0099	mg/Kg	☼	12/15/19 14:01	12/15/19 15:15	1

Client Sample ID: CHURCHSTREET BAYAREA

Lab Sample ID: 480-163813-8

Date Collected: 12/05/19 13:00
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 78.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
bis (2-chloroisopropyl) ether	ND		2100	430	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,4,5-Trichlorophenol	ND		2100	580	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,4,6-Trichlorophenol	ND		2100	430	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,4-Dichlorophenol	ND		2100	230	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,4-Dimethylphenol	ND		2100	520	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,4-Dinitrophenol	ND		21000	9900	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,4-Dinitrotoluene	ND		2100	440	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2,6-Dinitrotoluene	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2-Chloronaphthalene	ND		2100	350	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2-Chlorophenol	ND		4200	390	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2-Methylphenol	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2-Methylnaphthalene	ND		2100	430	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2-Nitroaniline	ND		4200	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
2-Nitrophenol	ND		2100	600	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
3,3'-Dichlorobenzidine	ND		4200	2500	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
3-Nitroaniline	ND		4200	590	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4,6-Dinitro-2-methylphenol	ND		4200	2100	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Bromophenyl phenyl ether	ND		2100	300	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Chloro-3-methylphenol	ND		2100	530	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Chloroaniline	ND		2100	530	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Chlorophenyl phenyl ether	ND		2100	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Methylphenol	ND		4200	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Nitroaniline	ND		4200	1100	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
4-Nitrophenol	ND		4200	1500	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Acenaphthene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Acenaphthylene	ND		2100	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Acetophenone	ND		2100	290	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Anthracene	ND		2100	530	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Atrazine	ND		2100	740	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Benzaldehyde	ND		2100	1700	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Benzo[a]anthracene	ND		2100	210	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Benzo[a]pyrene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Benzo[b]fluoranthene	**520**	**J**	2100	340	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Benzo[g,h,i]perylene	**330**	**J**	2100	230	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Benzo[k]fluoranthene	ND		2100	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Bis(2-chloroethoxy)methane	ND		2100	450	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Bis(2-chloroethyl)ether	ND		2100	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Bis(2-ethylhexyl) phthalate	ND		2100	730	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Butyl benzyl phthalate	ND		2100	350	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Caprolactam	ND		2100	640	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Carbazole	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10

Client Sample ID: CHURCHSTREET BAYAREA
Date Collected: 12/05/19 13:00
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-8
Matrix: Solid
Percent Solids: 78.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		2100	480	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Dibenz(a,h)anthracene	ND		2100	380	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Di-n-butyl phthalate	ND		2100	360	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Di-n-octyl phthalate	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Diethyl phthalate	ND		2100	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Dimethyl phthalate	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Fluoranthene	**510**	**J**	2100	230	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Fluorene	ND		2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Hexachlorobutadiene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Hexachlorocyclopentadiene	ND		2100	290	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Hexachloroethane	ND		2100	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Indeno[1,2,3-cd]pyrene	**280**	**J**	2100	260	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Isophorone	ND		2100	450	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
N-Nitrosodi-n-propylamine	ND		2100	360	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Naphthalene	ND		2100	280	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Nitrobenzene	ND		2100	240	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Pentachlorophenol	ND		4200	2100	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Phenanthrene	ND		2100	310	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Phenol	ND		2100	330	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10
Pyrene	**490**	**J**	2100	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*53 - 120*	*12/09/19 15:01*	*12/10/19 19:30*	*10*
Phenol-d5 (Surr)	*76*		*54 - 120*	*12/09/19 15:01*	*12/10/19 19:30*	*10*
p-Terphenyl-d14 (Surr)	*105*		*79 - 130*	*12/09/19 15:01*	*12/10/19 19:30*	*10*
2,4,6-Tribromophenol (Surr)	*118*		*54 - 120*	*12/09/19 15:01*	*12/10/19 19:30*	*10*
2-Fluorobiphenyl	*90*		*60 - 120*	*12/09/19 15:01*	*12/10/19 19:30*	*10*
2-Fluorophenol (Surr)	*75*		*52 - 120*	*12/09/19 15:01*	*12/10/19 19:30*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*12/09/19 07:45*	*12/10/19 13:08*	*1*
Tetrachloro-m-xylene	*83*		*60 - 154*	*12/09/19 07:45*	*12/10/19 13:08*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*12/09/19 07:45*	*12/10/19 13:08*	*1*
DCB Decachlorobiphenyl	*68*		*65 - 174*	*12/09/19 07:45*	*12/10/19 13:08*	*1*

Client Sample ID: CHURCHSTREET BAYAREA

Lab Sample ID: 480-163813-8
Date Collected: 12/05/19 13:00
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 78.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		2.5	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1
Barium	110		0.62	0.14	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1
Cadmium	0.40		0.25	0.037	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1
Chromium	14.5		0.62	0.25	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1
Lead	121		1.2	0.30	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1
Selenium	ND		4.9	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1
Silver	ND		0.74	0.25	mg/Kg	☼	12/10/19 14:13	12/11/19 19:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.024	0.0097	mg/Kg	☼	12/15/19 14:01	12/15/19 15:17	1

Client Sample ID: UST PARKING AREA

Lab Sample ID: 480-163813-9
Date Collected: 12/05/19 13:10
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
bis (2-chloroisopropyl) ether	ND		210	43	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,4,5-Trichlorophenol	ND		210	58	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,4,6-Trichlorophenol	ND		210	43	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,4-Dichlorophenol	ND		210	23	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,4-Dimethylphenol	ND		210	52	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,4-Dinitrophenol	ND		2100	990	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,4-Dinitrotoluene	ND		210	44	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2,6-Dinitrotoluene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2-Chloronaphthalene	ND		210	35	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2-Chlorophenol	ND		420	39	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2-Methylphenol	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2-Methylnaphthalene	ND		210	43	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2-Nitroaniline	ND		420	32	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
2-Nitrophenol	ND		210	61	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
3,3'-Dichlorobenzidine	ND		420	250	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
3-Nitroaniline	ND		420	59	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4,6-Dinitro-2-methylphenol	ND		420	210	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Bromophenyl phenyl ether	ND		210	30	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Chloro-3-methylphenol	ND		210	53	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Chloroaniline	ND		210	53	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Methylphenol	ND		420	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Nitroaniline	ND		420	110	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
4-Nitrophenol	ND		420	150	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Acenaphthene	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Acenaphthylene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Acetophenone	ND		210	29	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Anthracene	ND		210	53	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Atrazine	ND		210	74	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Benzaldehyde	ND		210	170	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1

Client Sample ID: UST PARKING AREA
Date Collected: 12/05/19 13:10
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-9
Matrix: Solid
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Benzo[b]fluoranthene	ND		210	34	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Benzo[g,h,i]perylene	ND		210	23	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Benzo[k]fluoranthene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Bis(2-chloroethoxy)methane	ND		210	45	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Bis(2-chloroethyl)ether	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Bis(2-ethylhexyl) phthalate	ND		210	73	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Butyl benzyl phthalate	ND		210	35	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Caprolactam	ND		210	64	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Carbazole	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Chrysene	ND		210	48	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Dibenz(a,h)anthracene	ND		210	38	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Di-n-butyl phthalate	ND		210	37	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Di-n-octyl phthalate	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Dibenzofuran	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Diethyl phthalate	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Dimethyl phthalate	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Fluoranthene	ND		210	23	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Fluorene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Hexachlorobenzene	ND		210	29	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Hexachlorobutadiene	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Hexachlorocyclopentadiene	ND		210	29	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Hexachloroethane	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Indeno[1,2,3-cd]pyrene	ND		210	26	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Isophorone	ND		210	45	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
N-Nitrosodi-n-propylamine	ND		210	37	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Naphthalene	ND		210	28	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Nitrobenzene	ND		210	24	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Pentachlorophenol	ND		420	210	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Phenanthrene	ND		210	32	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Phenol	ND		210	33	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1
Pyrene	ND		210	25	ug/Kg	☼	12/09/19 15:01	12/10/19 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*86*		*53 - 120*	*12/09/19 15:01*	*12/10/19 19:56*	*1*
Phenol-d5 (Surr)	*77*		*54 - 120*	*12/09/19 15:01*	*12/10/19 19:56*	*1*
p-Terphenyl-d14 (Surr)	*103*		*79 - 130*	*12/09/19 15:01*	*12/10/19 19:56*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*54 - 120*	*12/09/19 15:01*	*12/10/19 19:56*	*1*
2-Fluorobiphenyl	*96*		*60 - 120*	*12/09/19 15:01*	*12/10/19 19:56*	*1*
2-Fluorophenol (Surr)	*82*		*52 - 120*	*12/09/19 15:01*	*12/10/19 19:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1

Client Sample ID: UST PARKING AREA

Lab Sample ID: 480-163813-9
Date Collected: 12/05/19 13:10
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		0.30	0.14	mg/Kg	☼	12/09/19 07:45	12/10/19 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 154*	*12/09/19 07:45*	*12/10/19 13:21*	*1*
Tetrachloro-m-xylene	*93*		*60 - 154*	*12/09/19 07:45*	*12/10/19 13:21*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*12/09/19 07:45*	*12/10/19 13:21*	*1*
DCB Decachlorobiphenyl	*83*		*65 - 174*	*12/09/19 07:45*	*12/10/19 13:21*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.2**		2.4	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1
Barium	**53.8**		0.61	0.13	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1
Cadmium	**0.082**	**J**	0.24	0.037	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1
Chromium	**9.6**		0.61	0.24	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1
Lead	**12.8**		1.2	0.29	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1
Selenium	ND		4.9	0.49	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1
Silver	ND		0.73	0.24	mg/Kg	☼	12/10/19 14:13	12/11/19 19:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**		0.024	0.0098	mg/Kg	☼	12/15/19 14:01	12/15/19 15:18	1

Client Sample ID: SAMPLE 1UST

Lab Sample ID: 480-163813-10
Date Collected: 12/04/19 10:43
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**2200**		240	67	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
1,3,5-Trimethylbenzene	**820**		240	73	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
4-Isopropyltoluene	**170**	**J**	240	82	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Benzene	ND		240	46	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Ethylbenzene	**460**		240	70	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Isopropylbenzene	**190**	**J**	240	36	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Methyl tert-butyl ether	ND		240	91	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
m-Xylene & p-Xylene	**1400**		480	130	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Naphthalene	**710**		240	82	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
n-Butylbenzene	ND		240	71	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
N-Propylbenzene	**380**		240	63	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
o-Xylene	**560**		240	31	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
sec-Butylbenzene	**110**	**J**	240	89	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
tert-Butylbenzene	ND		240	67	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Toluene	**89**	**J**	240	65	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10
Xylenes, Total	**2000**		480	130	ug/Kg	☼	12/11/19 09:08	12/12/19 13:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*53 - 146*	*12/11/19 09:08*	*12/12/19 13:25*	*10*
4-Bromofluorobenzene (Surr)	*109*		*49 - 148*	*12/11/19 09:08*	*12/12/19 13:25*	*10*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*12/11/19 09:08*	*12/12/19 13:25*	*10*
Toluene-d8 (Surr)	*98*		*50 - 149*	*12/11/19 09:08*	*12/12/19 13:25*	*10*

Client Sample ID: SAMPLE 1UST

Lab Sample ID: 480-163813-10
Date Collected: 12/04/19 10:43
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	29	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Acenaphthylene	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Anthracene	ND		190	48	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Benzo[a]pyrene	ND		190	29	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Benzo[b]fluoranthene	ND		190	31	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Benzo[g,h,i]perylene	ND		190	21	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Chrysene	ND		190	44	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Fluoranthene	ND		190	21	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Fluorene	ND		190	23	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Naphthalene	**210**		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Pyrene	ND		190	23	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1
Phenanthrene	ND		190	29	ug/Kg	☼	12/09/19 15:01	12/10/19 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*54 - 120*	*12/09/19 15:01*	*12/10/19 20:21*	*1*
2-Fluorobiphenyl	*78*		*60 - 120*	*12/09/19 15:01*	*12/10/19 20:21*	*1*
2-Fluorophenol (Surr)	*62*		*52 - 120*	*12/09/19 15:01*	*12/10/19 20:21*	*1*
Phenol-d5 (Surr)	*62*		*54 - 120*	*12/09/19 15:01*	*12/10/19 20:21*	*1*
p-Terphenyl-d14 (Surr)	*92*		*79 - 130*	*12/09/19 15:01*	*12/10/19 20:21*	*1*
Nitrobenzene-d5 (Surr)	*72*		*53 - 120*	*12/09/19 15:01*	*12/10/19 20:21*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16.0**		2.2	0.44	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1
Barium	**81.0**		0.55	0.12	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1
Cadmium	ND		0.22	0.033	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1
Chromium	**20.0**		0.55	0.22	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1
Lead	**19.2**		1.1	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1
Selenium	ND		4.4	0.44	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1
Silver	ND		0.66	0.22	mg/Kg	☼	12/10/19 14:13	12/11/19 19:58	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023	0.0095	mg/Kg	☼	12/15/19 14:01	12/15/19 15:19	1

Client Sample ID: SAMPLE 2UST

Lab Sample ID: 480-163813-11
Date Collected: 12/04/19 12:25
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**7600**		310	85	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
1,3,5-Trimethylbenzene	**2200**		310	92	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
4-Isopropyltoluene	ND		310	100	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
Benzene	**1400**		310	58	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
Ethylbenzene	**3400**		310	89	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
Isopropylbenzene	**540**		310	46	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20

Client Sample ID: SAMPLE 2UST

Date Collected: 12/04/19 12:25
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-11

Matrix: Solid
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		310	120	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
m-Xylene & p-Xylene	**15000**		610	170	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
Naphthalene	**950**		310	100	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
n-Butylbenzene	ND		310	89	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
N-Propylbenzene	**1200**		310	80	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
o-Xylene	**6100**		310	40	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
sec-Butylbenzene	**150**	**J**	310	110	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
tert-Butylbenzene	ND		310	85	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
Toluene	**9300**		310	82	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20
Xylenes, Total	**21000**		610	170	ug/Kg	☼	12/11/19 09:08	12/12/19 13:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*53 - 146*	*12/11/19 09:08*	*12/12/19 13:49*	*20*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*	*12/11/19 09:08*	*12/12/19 13:49*	*20*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*12/11/19 09:08*	*12/12/19 13:49*	*20*
Toluene-d8 (Surr)	*93*		*50 - 149*	*12/11/19 09:08*	*12/12/19 13:49*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Acenaphthylene	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Anthracene	ND		190	47	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Benzo[a]pyrene	ND		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Benzo[g,h,i]perylene	**20**	**J**	190	20	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Chrysene	ND		190	43	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Fluoranthene	**27**	**J**	190	20	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Fluorene	ND		190	23	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Naphthalene	**1600**		190	25	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Pyrene	**24**	**J**	190	23	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1
Phenanthrene	ND		190	28	ug/Kg	☼	12/09/19 15:01	12/10/19 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*54 - 120*	*12/09/19 15:01*	*12/10/19 20:46*	*1*
2-Fluorobiphenyl	*87*		*60 - 120*	*12/09/19 15:01*	*12/10/19 20:46*	*1*
2-Fluorophenol (Surr)	*74*		*52 - 120*	*12/09/19 15:01*	*12/10/19 20:46*	*1*
Phenol-d5 (Surr)	*77*		*54 - 120*	*12/09/19 15:01*	*12/10/19 20:46*	*1*
p-Terphenyl-d14 (Surr)	*103*		*79 - 130*	*12/09/19 15:01*	*12/10/19 20:46*	*1*
Nitrobenzene-d5 (Surr)	*87*		*53 - 120*	*12/09/19 15:01*	*12/10/19 20:46*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.6**		2.3	0.46	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1
Barium	**54.2**		0.58	0.13	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1
Cadmium	**0.28**		0.23	0.035	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1
Chromium	**13.8**		0.58	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1

Client Sample ID: SAMPLE 2UST

Lab Sample ID: 480-163813-11
Date Collected: 12/04/19 12:25
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**24.1**		1.2	0.28	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1
Selenium	ND		4.6	0.46	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1
Silver	**0.31**	**J**	0.70	0.23	mg/Kg	☼	12/10/19 14:13	12/11/19 20:02	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**		0.022	0.0089	mg/Kg	☼	12/15/19 14:01	12/15/19 15:21	1

Client Sample ID: SAMPLE 3UST

Lab Sample ID: 480-163813-12
Date Collected: 12/04/19 14:23
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**3300**		370	100	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
1,3,5-Trimethylbenzene	**1100**		370	110	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
4-Isopropyltoluene	**170**	**J**	370	130	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Benzene	ND		370	71	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Ethylbenzene	**340**	**J**	370	110	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Isopropylbenzene	**150**	**J**	370	56	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Methyl tert-butyl ether	ND		370	140	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
m-Xylene & p-Xylene	**1200**		740	210	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Naphthalene	**530**		370	130	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
n-Butylbenzene	ND		370	110	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
N-Propylbenzene	**410**		370	98	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
o-Xylene	**480**		370	48	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
sec-Butylbenzene	**140**	**J**	370	140	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
tert-Butylbenzene	ND		370	100	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Toluene	ND		370	100	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10
Xylenes, Total	**1700**		740	210	ug/Kg	☼	12/11/19 09:08	12/12/19 14:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*	*12/11/19 09:08*	*12/12/19 14:13*	*10*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*	*12/11/19 09:08*	*12/12/19 14:13*	*10*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*12/11/19 09:08*	*12/12/19 14:13*	*10*
Toluene-d8 (Surr)	*94*		*50 - 149*	*12/11/19 09:08*	*12/12/19 14:13*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		220	33	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Acenaphthylene	ND		220	29	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Anthracene	ND		220	55	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Benzo[a]anthracene	**85**	**J**	220	22	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Benzo[a]pyrene	**76**	**J**	220	33	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Benzo[b]fluoranthene	**98**	**J**	220	35	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Benzo[g,h,i]perylene	**57**	**J**	220	24	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Benzo[k]fluoranthene	ND		220	29	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Chrysene	**92**	**J**	220	50	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Dibenz(a,h)anthracene	ND		220	39	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Fluoranthene	**130**	**J**	220	24	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Fluorene	ND		220	26	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1

Client Sample ID: SAMPLE 3UST

Lab Sample ID: 480-163813-12
Date Collected: 12/04/19 14:23
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	58	J	220	28	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Naphthalene	700		220	29	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Pyrene	110	J	220	26	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1
Phenanthrene	50	J	220	33	ug/Kg	☼	12/09/19 15:01	12/10/19 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*54 - 120*	*12/09/19 15:01*	*12/10/19 21:11*	*1*
2-Fluorobiphenyl	*91*		*60 - 120*	*12/09/19 15:01*	*12/10/19 21:11*	*1*
2-Fluorophenol (Surr)	*75*		*52 - 120*	*12/09/19 15:01*	*12/10/19 21:11*	*1*
Phenol-d5 (Surr)	*75*		*54 - 120*	*12/09/19 15:01*	*12/10/19 21:11*	*1*
p-Terphenyl-d14 (Surr)	*108*		*79 - 130*	*12/09/19 15:01*	*12/10/19 21:11*	*1*
Nitrobenzene-d5 (Surr)	*89*		*53 - 120*	*12/09/19 15:01*	*12/10/19 21:11*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		2.6	0.53	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1
Barium	92.1		0.66	0.15	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1
Cadmium	0.35		0.26	0.040	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1
Chromium	18.5		0.66	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1
Lead	23.8		1.3	0.32	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1
Selenium	0.81	J	5.3	0.53	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1
Silver	0.26	J	0.79	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 20:05	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.027	0.011	mg/Kg	☼	12/15/19 14:01	12/15/19 15:22	1

Client Sample ID: SAMPLE 4UST

Lab Sample ID: 480-163813-13
Date Collected: 12/04/19 13:52
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	88	J	110	31	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
1,3,5-Trimethylbenzene	170		110	34	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
4-Isopropyltoluene	90	J	110	38	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Benzene	ND		110	21	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Ethylbenzene	140		110	33	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Isopropylbenzene	84	J	110	17	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Methyl tert-butyl ether	ND		110	42	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
m-Xylene & p-Xylene	100	J	220	62	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Naphthalene	200		110	38	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
n-Butylbenzene	ND		110	33	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
N-Propylbenzene	200		110	29	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
o-Xylene	15	J	110	15	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
sec-Butylbenzene	88	J	110	41	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
tert-Butylbenzene	ND		110	31	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Toluene	ND		110	30	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4
Xylenes, Total	120	J	220	62	ug/Kg	☼	12/11/19 09:08	12/12/19 14:37	4

Client Sample ID: SAMPLE 4UST

Date Collected: 12/04/19 13:52
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-13

Matrix: Solid
Percent Solids: 79.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*53 - 146*	*12/11/19 09:08*	*12/12/19 14:37*	*4*
4-Bromofluorobenzene (Surr)	*102*		*49 - 148*	*12/11/19 09:08*	*12/12/19 14:37*	*4*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*12/11/19 09:08*	*12/12/19 14:37*	*4*
Toluene-d8 (Surr)	*95*		*50 - 149*	*12/11/19 09:08*	*12/12/19 14:37*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Anthracene	ND		1000	260	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Benzo[a]anthracene	ND		1000	100	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Benzo[a]pyrene	ND		1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Benzo[b]fluoranthene	ND		1000	160	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Benzo[g,h,i]perylene	**140**	**J**	1000	110	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Benzo[k]fluoranthene	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Chrysene	ND		1000	230	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Fluoranthene	**250**	**J**	1000	110	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Fluorene	ND		1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Indeno[1,2,3-cd]pyrene	ND		1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Naphthalene	**700**	**J**	1000	130	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Pyrene	**190**	**J**	1000	120	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5
Phenanthrene	ND		1000	150	ug/Kg	☼	12/09/19 15:01	12/10/19 21:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*54 - 120*	*12/09/19 15:01*	*12/10/19 21:35*	*5*
2-Fluorobiphenyl	*92*		*60 - 120*	*12/09/19 15:01*	*12/10/19 21:35*	*5*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*12/09/19 15:01*	*12/10/19 21:35*	*5*
Phenol-d5 (Surr)	*78*		*54 - 120*	*12/09/19 15:01*	*12/10/19 21:35*	*5*
p-Terphenyl-d14 (Surr)	*110*		*79 - 130*	*12/09/19 15:01*	*12/10/19 21:35*	*5*
Nitrobenzene-d5 (Surr)	*93*		*53 - 120*	*12/09/19 15:01*	*12/10/19 21:35*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11.2**		2.6	0.52	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1
Barium	**89.0**		0.65	0.14	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1
Cadmium	**0.22**	**J**	0.26	0.039	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1
Chromium	**16.0**		0.65	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1
Lead	**41.6**		1.3	0.31	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1
Selenium	**0.53**	**J**	5.2	0.52	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1
Silver	ND		0.78	0.26	mg/Kg	☼	12/10/19 14:13	12/11/19 20:09	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.025	0.010	mg/Kg	☼	12/15/19 14:01	12/15/19 15:23	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TOL (71-125)	DCA (64-126)	BFB (72-126)	DBFM (60-140)
480-163813-1	TP #4, 1-2	97	112	92	100
480-163813-2	TP #3, 2-3	99	115	93	102
480-163813-3	TP #5, 1-2	105	110	85	103
480-163813-3 MS	TP #5, 1-2	93	101	86	99
480-163813-3 MSD	TP #5, 1-2	102	101	86	102
480-163813-4	TP #6, 3-4	94	110	93	102
480-163813-5	TP #9, 3	94	114	90	103
480-163813-6	TP #1, 1-2	97	111	99	101
LCS 480-508768/1-A	Lab Control Sample	95	106	102	99
LCS 480-509017/1-A	Lab Control Sample	91	102	98	96
MB 480-508768/2-A	Method Blank	96	107	101	99
MB 480-509017/2-A	Method Blank	96	108	95	98

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (53-146)	BFB (49-148)	TOL (50-149)	DBFM (60-140)
480-163813-10	SAMPLE 1UST	106	109	98	103
480-163813-11	SAMPLE 2UST	110	104	93	107
480-163813-12	SAMPLE 3UST	103	104	94	105
480-163813-13	SAMPLE 4UST	108	102	95	110
LCS 480-509237/1-A	Lab Control Sample	114	109	97	109
MB 480-509237/2-A	Method Blank	105	107	96	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (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	NBZ (53-120)	PHL (54-120)	TPHd14 (79-130)	TBP (54-120)	FBP (60-120)	2FP (52-120)
480-163813-1	TP #4, 1-2	81	72	112	105	94	69
480-163813-2	TP #3, 2-3	92	81	109	103	99	82
480-163813-3	TP #5, 1-2	81	72	100	97	89	70
480-163813-3 MS	TP #5, 1-2	85	78	98	107	91	76
480-163813-3 MSD	TP #5, 1-2	61	58	97	103	83	47 X
480-163813-4	TP #6, 3-4	80	72	99	104	89	69
480-163813-5	TP #9, 3	82	76	102	111	91	74

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	NBZ (53-120)	PHL (54-120)	TPHd14 (79-130)	TBP (54-120)	FBP (60-120)	2FP (52-120)
480-163813-6	TP #1, 1-2	87	77	101	105	97	77
480-163813-7	TP9 SURFACE	80	78	103	113	94	83
480-163813-8	CHURCHSTREET BAYAREA	87	76	105	118	90	75
480-163813-9	UST PARKING AREA	86	77	103	101	96	82
480-163813-10	SAMPLE 1UST	72	62	92	89	78	62
480-163813-11	SAMPLE 2UST	87	77	103	96	87	74
480-163813-12	SAMPLE 3UST	89	75	108	107	91	75
480-163813-13	SAMPLE 4UST	93	78	110	98	92	77
LCS 480-508877/2-A	Lab Control Sample	78	66	100	96	87	68
MB 480-508877/1-A	Method Blank	83	75	105	87	88	74

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-163813-1	TP #4, 1-2	102	86	97	74
480-163813-2	TP #3, 2-3	103	91	101	78
480-163813-3	TP #5, 1-2	94	82	94	76
480-163813-3 MS	TP #5, 1-2	115	103	113	96
480-163813-3 MSD	TP #5, 1-2	124	100	113	94
480-163813-4	TP #6, 3-4	101	87	98	77
480-163813-5	TP #9, 3	99	88	95	78
480-163813-6	TP #1, 1-2	102	87	103	77
480-163813-7	TP9 SURFACE	103	92	97	80
480-163813-8	CHURCHSTREET BAYAREA	102	83	85	68
480-163813-9	UST PARKING AREA	106	93	105	83
LCS 480-508728/2-A	Lab Control Sample	138	116	137	116
MB 480-508728/1-A	Method Blank	100	92	101	87

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 480-508768/2-A
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508768

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
2-Hexanone	ND		25	2.5	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Acetone	ND		25	4.2	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Benzene	ND		5.0	0.25	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Bromoform	ND		5.0	2.5	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Bromomethane	ND		5.0	0.45	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Chloroethane	ND		5.0	1.1	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Chloroform	ND		5.0	0.31	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Chloromethane	ND		5.0	0.30	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Cyclohexane	ND		5.0	0.70	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Methyl acetate	ND		25	3.0	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Styrene	ND		5.0	0.25	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Toluene	ND		5.0	0.38	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Trichloroethene	ND		5.0	1.1	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		12/09/19 08:51	12/09/19 11:54	1
Xylenes, Total	ND		10	0.84	ug/Kg		12/09/19 08:51	12/09/19 11:54	1

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

Lab Sample ID: MB 480-508768/2-A
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508768

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*71 - 125*	*12/09/19 08:51*	*12/09/19 11:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*12/09/19 08:51*	*12/09/19 11:54*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*12/09/19 08:51*	*12/09/19 11:54*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*12/09/19 08:51*	*12/09/19 11:54*	*1*

Lab Sample ID: LCS 480-508768/1-A
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	45.0		ug/Kg		90	77 - 121
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	80 - 120
1,1,2-Trichloroethane	50.0	51.5		ug/Kg		103	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.1		ug/Kg		90	60 - 140
1,1-Dichloroethane	50.0	46.9		ug/Kg		94	73 - 126
1,1-Dichloroethene	50.0	42.6		ug/Kg		85	59 - 125
1,2,4-Trichlorobenzene	50.0	48.0		ug/Kg		96	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	50.4		ug/Kg		101	63 - 124
1,2-Dichlorobenzene	50.0	46.7		ug/Kg		93	75 - 120
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	77 - 122
1,2-Dichloropropane	50.0	48.2		ug/Kg		96	75 - 124
1,3-Dichlorobenzene	50.0	45.7		ug/Kg		91	74 - 120
1,4-Dichlorobenzene	50.0	45.4		ug/Kg		91	73 - 120
2-Butanone (MEK)	250	317		ug/Kg		127	70 - 134
2-Hexanone	250	302		ug/Kg		121	59 - 130
4-Methyl-2-pentanone (MIBK)	250	289		ug/Kg		115	65 - 133
Acetone	250	279		ug/Kg		112	61 - 137
Benzene	50.0	46.7		ug/Kg		93	79 - 127
Bromodichloromethane	50.0	46.3		ug/Kg		93	80 - 122
Bromoform	50.0	51.5		ug/Kg		103	68 - 126
Bromomethane	50.0	53.3		ug/Kg		107	37 - 149
Carbon disulfide	50.0	50.0		ug/Kg		100	64 - 131
Carbon tetrachloride	50.0	43.9		ug/Kg		88	75 - 135
Chlorobenzene	50.0	45.0		ug/Kg		90	76 - 124
Dibromochloromethane	50.0	47.3		ug/Kg		95	76 - 125
Chloroethane	50.0	51.8		ug/Kg		104	69 - 135
Chloroform	50.0	44.0		ug/Kg		88	80 - 120
Chloromethane	50.0	52.3		ug/Kg		105	63 - 127
cis-1,2-Dichloroethene	50.0	46.8		ug/Kg		94	81 - 120
cis-1,3-Dichloropropene	50.0	46.2		ug/Kg		92	80 - 120
Cyclohexane	50.0	45.5		ug/Kg		91	65 - 120
Dichlorodifluoromethane	50.0	45.9		ug/Kg		92	57 - 142
Ethylbenzene	50.0	45.1		ug/Kg		90	80 - 120
1,2-Dibromoethane	50.0	49.7		ug/Kg		99	78 - 120
Isopropylbenzene	50.0	41.7		ug/Kg		83	72 - 120
Methyl acetate	100	108		ug/Kg		108	55 - 136
Methyl tert-butyl ether	50.0	47.4		ug/Kg		95	63 - 125
Methylcyclohexane	50.0	44.0		ug/Kg		88	60 - 140

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

Lab Sample ID: LCS 480-508768/1-A
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	45.0		ug/Kg		90	61 - 127
Styrene	50.0	44.9		ug/Kg		90	80 - 120
Tetrachloroethene	50.0	46.0		ug/Kg		92	74 - 122
Toluene	50.0	44.6		ug/Kg		89	74 - 128
trans-1,2-Dichloroethene	50.0	46.9		ug/Kg		94	78 - 126
trans-1,3-Dichloropropene	50.0	48.3		ug/Kg		97	73 - 123
Trichloroethene	50.0	45.8		ug/Kg		92	77 - 129
Trichlorofluoromethane	50.0	47.4		ug/Kg		95	65 - 146
Vinyl chloride	50.0	50.3		ug/Kg		101	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F1	21.1	14.1	F1	ug/Kg	☼	67	77 - 121
1,1,2,2-Tetrachloroethane	ND	F1	21.1	15.3	F1	ug/Kg	☼	73	80 - 120
1,1,2-Trichloroethane	ND	F1	21.1	12.3	F1	ug/Kg	☼	58	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		21.1	15.5		ug/Kg	☼	74	60 - 140
1,1-Dichloroethane	ND	F1	21.1	14.6	F1	ug/Kg	☼	69	73 - 126
1,1-Dichloroethene	ND	F1	21.1	11.9	F1	ug/Kg	☼	56	59 - 125
1,2,4-Trichlorobenzene	ND	F1	21.1	2.10	F1	ug/Kg	☼	10	64 - 120
1,2-Dibromo-3-Chloropropane	ND	F1	21.1	9.62	F1	ug/Kg	☼	46	63 - 124
1,2-Dichlorobenzene	ND	F1	21.1	5.50	F1	ug/Kg	☼	26	75 - 120
1,2-Dichloroethane	ND	F1	21.1	12.0	F1	ug/Kg	☼	57	77 - 122
1,2-Dichloropropane	ND	F1	21.1	13.6	F1	ug/Kg	☼	65	75 - 124
1,3-Dichlorobenzene	ND	F1	21.1	4.87	F1	ug/Kg	☼	23	74 - 120
1,4-Dichlorobenzene	ND	F1	21.1	4.29	F1	ug/Kg	☼	20	73 - 120
2-Butanone (MEK)	2.0	J	105	75.3		ug/Kg	☼	70	70 - 134
2-Hexanone	ND	F1	105	58.6	F1	ug/Kg	☼	56	59 - 130
4-Methyl-2-pentanone (MIBK)	ND		105	80.6		ug/Kg	☼	77	65 - 133
Acetone	15		105	83.1		ug/Kg	☼	64	61 - 137
Benzene	ND	F1	21.1	12.6	F1	ug/Kg	☼	60	79 - 127
Bromodichloromethane	ND	F1	21.1	11.9	F1	ug/Kg	☼	56	80 - 122
Bromoform	ND	F1	21.1	9.28	F1	ug/Kg	☼	44	68 - 126
Bromomethane	ND		21.1	15.8		ug/Kg	☼	75	37 - 149
Carbon disulfide	ND	F1	21.1	7.86	F1	ug/Kg	☼	37	64 - 131
Carbon tetrachloride	ND	F1	21.1	12.8	F1	ug/Kg	☼	61	75 - 135
Chlorobenzene	ND	F1	21.1	7.12	F1	ug/Kg	☼	34	76 - 124
Dibromochloromethane	ND	F1	21.1	10.8	F1	ug/Kg	☼	51	76 - 125
Chloroethane	ND		21.1	15.2		ug/Kg	☼	72	69 - 135
Chloroform	ND	F1	21.1	12.6	F1	ug/Kg	☼	60	80 - 120

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

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND		21.1	16.7		ug/Kg	☼	79	63 - 127
cis-1,2-Dichloroethene	ND	F1	21.1	10.4	F1	ug/Kg	☼	49	80 - 120
cis-1,3-Dichloropropene	ND	F1	21.1	8.04	F1	ug/Kg	☼	38	80 - 120
Cyclohexane	ND	F1	21.1	12.6	F1	ug/Kg	☼	60	65 - 120
Dichlorodifluoromethane	ND		21.1	15.5		ug/Kg	☼	73	57 - 142
Ethylbenzene	ND	F1	21.1	8.45	F1	ug/Kg	☼	40	80 - 120
1,2-Dibromoethane	ND	F1	21.1	9.16	F1	ug/Kg	☼	44	78 - 120
Isopropylbenzene	ND	F1	21.1	11.8	F1	ug/Kg	☼	56	72 - 120
Methyl acetate	ND		42.1	37.9		ug/Kg	☼	90	55 - 136
Methyl tert-butyl ether	ND		21.1	15.8		ug/Kg	☼	75	63 - 125
Methylcyclohexane	ND	F1	21.1	9.37	F1	ug/Kg	☼	45	60 - 140
Methylene Chloride	ND	F1	21.1	12.7	F1	ug/Kg	☼	60	61 - 127
Styrene	ND	F1	21.1	5.59	F1	ug/Kg	☼	27	80 - 120
Tetrachloroethene	ND	F1	21.1	8.55	F1	ug/Kg	☼	41	74 - 122
Toluene	ND	F1	21.1	9.20	F1	ug/Kg	☼	44	74 - 128
trans-1,2-Dichloroethene	ND	F1	21.1	9.17	F1	ug/Kg	☼	44	78 - 126
trans-1,3-Dichloropropene	ND	F1	21.1	6.42	F1	ug/Kg	☼	30	73 - 123
Trichloroethene	ND	F1	21.1	8.11	F1	ug/Kg	☼	38	77 - 129
Trichlorofluoromethane	ND	F1	21.1	12.7	F1	ug/Kg	☼	60	65 - 146
Vinyl chloride	ND		21.1	14.6		ug/Kg	☼	69	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*86*		*72 - 126*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	F1	19.2	13.5	F1	ug/Kg	☼	70	77 - 121	4	30
1,1,2,2-Tetrachloroethane	ND	F1	19.2	15.1	F1	ug/Kg	☼	79	80 - 120	1	30
1,1,2-Trichloroethane	ND	F1	19.2	12.9	F1	ug/Kg	☼	67	78 - 122	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		19.2	14.2		ug/Kg	☼	74	60 - 140	9	30
1,1-Dichloroethane	ND	F1	19.2	14.4		ug/Kg	☼	75	73 - 126	1	30
1,1-Dichloroethene	ND	F1	19.2	11.5		ug/Kg	☼	60	59 - 125	3	30
1,2,4-Trichlorobenzene	ND	F1	19.2	1.96	F1	ug/Kg	☼	10	64 - 120	7	30
1,2-Dibromo-3-Chloropropane	ND	F1	19.2	9.64	F1	ug/Kg	☼	50	63 - 124	0	30
1,2-Dichlorobenzene	ND	F1	19.2	5.42	F1	ug/Kg	☼	28	75 - 120	1	30
1,2-Dichloroethane	ND	F1	19.2	12.4	F1	ug/Kg	☼	64	77 - 122	3	30
1,2-Dichloropropane	ND	F1	19.2	13.6	F1	ug/Kg	☼	71	75 - 124	0	30
1,3-Dichlorobenzene	ND	F1	19.2	4.80	F1	ug/Kg	☼	25	74 - 120	2	30
1,4-Dichlorobenzene	ND	F1	19.2	4.30	F1	ug/Kg	☼	22	73 - 120	0	30
2-Butanone (MEK)	2.0	J	95.9	73.4		ug/Kg	☼	74	70 - 134	3	30
2-Hexanone	ND	F1	95.9	60.5		ug/Kg	☼	63	59 - 130	3	30
4-Methyl-2-pentanone (MIBK)	ND		95.9	75.3		ug/Kg	☼	79	65 - 133	7	30

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

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 508746

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	15		95.9	79.0		ug/Kg	☼	66	61 - 137	5	30
Benzene	ND	F1	19.2	12.6	F1	ug/Kg	☼	66	79 - 127	0	30
Bromodichloromethane	ND	F1	19.2	12.0	F1	ug/Kg	☼	63	80 - 122	2	30
Bromoform	ND	F1	19.2	9.47	F1	ug/Kg	☼	49	68 - 126	2	30
Bromomethane	ND		19.2	15.6		ug/Kg	☼	81	37 - 149	2	30
Carbon disulfide	ND	F1	19.2	7.69	F1	ug/Kg	☼	40	64 - 131	2	30
Carbon tetrachloride	ND	F1	19.2	12.3	F1	ug/Kg	☼	64	75 - 135	4	30
Chlorobenzene	ND	F1	19.2	7.36	F1	ug/Kg	☼	38	76 - 124	3	30
Dibromochloromethane	ND	F1	19.2	10.8	F1	ug/Kg	☼	56	76 - 125	0	30
Chloroethane	ND		19.2	15.7		ug/Kg	☼	82	69 - 135	3	30
Chloroform	ND	F1	19.2	12.5	F1	ug/Kg	☼	65	80 - 120	1	30
Chloromethane	ND		19.2	16.1		ug/Kg	☼	84	63 - 127	4	30
cis-1,2-Dichloroethene	ND	F1	19.2	10.8	F1	ug/Kg	☼	56	80 - 120	4	30
cis-1,3-Dichloropropene	ND	F1	19.2	8.83	F1	ug/Kg	☼	46	80 - 120	9	30
Cyclohexane	ND	F1	19.2	11.9	F1	ug/Kg	☼	62	65 - 120	5	30
Dichlorodifluoromethane	ND		19.2	15.3		ug/Kg	☼	80	57 - 142	1	30
Ethylbenzene	ND	F1	19.2	8.35	F1	ug/Kg	☼	44	80 - 120	1	30
1,2-Dibromoethane	ND	F1	19.2	8.88	F1	ug/Kg	☼	46	78 - 120	3	30
Isopropylbenzene	ND	F1	19.2	11.0	F1	ug/Kg	☼	57	72 - 120	7	30
Methyl acetate	ND		38.4	38.4		ug/Kg	☼	100	55 - 136	1	30
Methyl tert-butyl ether	ND		19.2	16.0		ug/Kg	☼	83	63 - 125	1	30
Methylcyclohexane	ND	F1	19.2	8.62	F1	ug/Kg	☼	45	60 - 140	8	30
Methylene Chloride	ND	F1	19.2	13.6		ug/Kg	☼	71	61 - 127	6	30
Styrene	ND	F1	19.2	6.03	F1	ug/Kg	☼	31	80 - 120	8	30
Tetrachloroethene	ND	F1	19.2	9.21	F1	ug/Kg	☼	48	74 - 122	7	30
Toluene	ND	F1	19.2	10.8	F1	ug/Kg	☼	56	74 - 128	16	30
trans-1,2-Dichloroethene	ND	F1	19.2	9.28	F1	ug/Kg	☼	48	78 - 126	1	30
trans-1,3-Dichloropropene	ND	F1	19.2	7.78	F1	ug/Kg	☼	41	73 - 123	19	30
Trichloroethene	ND	F1	19.2	8.67	F1	ug/Kg	☼	45	77 - 129	7	30
Trichlorofluoromethane	ND	F1	19.2	13.1		ug/Kg	☼	68	65 - 146	3	30
Vinyl chloride	ND		19.2	14.4		ug/Kg	☼	75	61 - 133	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*86*		*72 - 126*
Dibromofluoromethane (Surr)	*102*		*60 - 140*

Lab Sample ID: MB 480-509017/2-A
Matrix: Solid
Analysis Batch: 508963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 509017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		12/10/19 10:25	12/10/19 12:01	1

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

Lab Sample ID: MB 480-509017/2-A
Matrix: Solid
Analysis Batch: 508963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 509017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
2-Hexanone	ND		25	2.5	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Acetone	ND		25	4.2	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Benzene	ND		5.0	0.25	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Bromoform	ND		5.0	2.5	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Bromomethane	ND		5.0	0.45	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Chloroethane	ND		5.0	1.1	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Chloroform	ND		5.0	0.31	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Chloromethane	ND		5.0	0.30	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Cyclohexane	ND		5.0	0.70	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Methyl acetate	ND		25	3.0	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Styrene	ND		5.0	0.25	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Toluene	ND		5.0	0.38	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Trichloroethene	ND		5.0	1.1	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		12/10/19 10:25	12/10/19 12:01	1
Xylenes, Total	ND		10	0.84	ug/Kg		12/10/19 10:25	12/10/19 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 125*	*12/10/19 10:25*	*12/10/19 12:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*12/10/19 10:25*	*12/10/19 12:01*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*12/10/19 10:25*	*12/10/19 12:01*	*1*

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

Lab Sample ID: MB 480-509017/2-A
Matrix: Solid
Analysis Batch: 508963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 509017

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*12/10/19 10:25*	*12/10/19 12:01*	*1*

Lab Sample ID: LCS 480-509017/1-A
Matrix: Solid
Analysis Batch: 508963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 509017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	48.0		ug/Kg		96	77 - 121
1,1,2,2-Tetrachloroethane	50.0	56.1		ug/Kg		112	80 - 120
1,1,2-Trichloroethane	50.0	54.6		ug/Kg		109	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.8		ug/Kg		100	60 - 140
1,1-Dichloroethane	50.0	49.5		ug/Kg		99	73 - 126
1,1-Dichloroethene	50.0	49.0		ug/Kg		98	59 - 125
1,2,4-Trichlorobenzene	50.0	53.7		ug/Kg		107	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/Kg		105	63 - 124
1,2-Dichlorobenzene	50.0	51.6		ug/Kg		103	75 - 120
1,2-Dichloroethane	50.0	50.8		ug/Kg		102	77 - 122
1,2-Dichloropropane	50.0	51.3		ug/Kg		103	75 - 124
1,3-Dichlorobenzene	50.0	50.6		ug/Kg		101	74 - 120
1,4-Dichlorobenzene	50.0	49.3		ug/Kg		99	73 - 120
2-Butanone (MEK)	250	311		ug/Kg		124	70 - 134
2-Hexanone	250	308		ug/Kg		123	59 - 130
4-Methyl-2-pentanone (MIBK)	250	286		ug/Kg		114	65 - 133
Acetone	250	292		ug/Kg		117	61 - 137
Benzene	50.0	48.9		ug/Kg		98	79 - 127
Bromodichloromethane	50.0	49.3		ug/Kg		99	80 - 122
Bromoform	50.0	56.1		ug/Kg		112	68 - 126
Bromomethane	50.0	53.9		ug/Kg		108	37 - 149
Carbon disulfide	50.0	49.8		ug/Kg		100	64 - 131
Carbon tetrachloride	50.0	46.6		ug/Kg		93	75 - 135
Chlorobenzene	50.0	48.2		ug/Kg		96	76 - 124
Dibromochloromethane	50.0	51.0		ug/Kg		102	76 - 125
Chloroethane	50.0	55.0		ug/Kg		110	69 - 135
Chloroform	50.0	47.2		ug/Kg		94	80 - 120
Chloromethane	50.0	52.2		ug/Kg		104	63 - 127
cis-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	81 - 120
cis-1,3-Dichloropropene	50.0	48.7		ug/Kg		97	80 - 120
Cyclohexane	50.0	49.1		ug/Kg		98	65 - 120
Dichlorodifluoromethane	50.0	49.1		ug/Kg		98	57 - 142
Ethylbenzene	50.0	49.2		ug/Kg		98	80 - 120
1,2-Dibromoethane	50.0	52.6		ug/Kg		105	78 - 120
Isopropylbenzene	50.0	47.6		ug/Kg		95	72 - 120
Methyl acetate	100	118		ug/Kg		118	55 - 136
Methyl tert-butyl ether	50.0	48.8		ug/Kg		98	63 - 125
Methylcyclohexane	50.0	47.2		ug/Kg		94	60 - 140
Methylene Chloride	50.0	46.9		ug/Kg		94	61 - 127
Styrene	50.0	47.9		ug/Kg		96	80 - 120
Tetrachloroethene	50.0	50.9		ug/Kg		102	74 - 122

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

Lab Sample ID: LCS 480-509017/1-A
Matrix: Solid
Analysis Batch: 508963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 509017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	50.0	47.9		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	48.8		ug/Kg		98	78 - 126
trans-1,3-Dichloropropene	50.0	52.2		ug/Kg		104	73 - 123
Trichloroethene	50.0	51.2		ug/Kg		102	77 - 129
Trichlorofluoromethane	50.0	49.0		ug/Kg		98	65 - 146
Vinyl chloride	50.0	53.4		ug/Kg		107	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*91*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*
Dibromofluoromethane (Surr)	*96*		*60 - 140*

Lab Sample ID: MB 480-509237/2-A
Matrix: Solid
Analysis Batch: 509448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 509237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		100	28	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
1,3,5-Trimethylbenzene	ND		100	30	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
4-Isopropyltoluene	ND		100	34	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
m-Xylene & p-Xylene	ND		200	55	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Naphthalene	ND		100	34	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
n-Butylbenzene	ND		100	29	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
N-Propylbenzene	ND		100	26	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
o-Xylene	ND		100	13	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
sec-Butylbenzene	ND		100	37	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
tert-Butylbenzene	ND		100	28	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Benzene	ND		100	19	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Ethylbenzene	ND		100	29	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Isopropylbenzene	ND		100	15	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Toluene	ND		100	27	ug/Kg		12/11/19 09:08	12/12/19 10:49	1
Xylenes, Total	ND		200	55	ug/Kg		12/11/19 09:08	12/12/19 10:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*50 - 149*	*12/11/19 09:08*	*12/12/19 10:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*53 - 146*	*12/11/19 09:08*	*12/12/19 10:49*	*1*
4-Bromofluorobenzene (Surr)	*107*		*49 - 148*	*12/11/19 09:08*	*12/12/19 10:49*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*12/11/19 09:08*	*12/12/19 10:49*	*1*

Lab Sample ID: LCS 480-509237/1-A
Matrix: Solid
Analysis Batch: 509448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 509237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	2500	2060		ug/Kg		82	77 - 127
1,3,5-Trimethylbenzene	2500	2030		ug/Kg		81	79 - 120

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

Lab Sample ID: LCS 480-509237/1-A
Matrix: Solid
Analysis Batch: 509448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 509237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Isopropyltoluene	2500	2170		ug/Kg		87	80 - 120
m-Xylene & p-Xylene	2500	2140		ug/Kg		86	77 - 125
Naphthalene	2500	1850		ug/Kg		74	65 - 142
n-Butylbenzene	2500	2120		ug/Kg		85	80 - 120
N-Propylbenzene	2500	2070		ug/Kg		83	76 - 120
o-Xylene	2500	2150		ug/Kg		86	80 - 124
sec-Butylbenzene	2500	2130		ug/Kg		85	79 - 120
tert-Butylbenzene	2500	2080		ug/Kg		83	78 - 120
Benzene	2500	2260		ug/Kg		90	77 - 125
Ethylbenzene	2500	2180		ug/Kg		87	78 - 124
Isopropylbenzene	2500	2080		ug/Kg		83	76 - 120
Methyl tert-butyl ether	2500	1950		ug/Kg		78	67 - 137
Toluene	2500	2080		ug/Kg		83	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*114*		*53 - 146*
4-Bromofluorobenzene (Surr)	*109*		*49 - 148*
Dibromofluoromethane (Surr)	*109*		*60 - 140*

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

Lab Sample ID: MB 480-508877/1-A
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,4-Dinitrophenol	ND		1700	780	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2-Chloronaphthalene	ND		170	28	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2-Chlorophenol	ND		330	31	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2-Methylphenol	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2-Methylnaphthalene	ND		170	34	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2-Nitroaniline	ND		330	25	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
2-Nitrophenol	ND		170	48	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
3-Nitroaniline	ND		330	47	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4-Chloroaniline	ND		170	42	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		12/09/19 15:01	12/10/19 14:53	1

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

Lab Sample ID: MB 480-508877/1-A
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		330	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4-Nitroaniline	ND		330	88	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
4-Nitrophenol	ND		330	120	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Acenaphthene	ND		170	25	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Acenaphthylene	ND		170	22	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Acetophenone	ND		170	23	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Anthracene	ND		170	42	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Atrazine	ND		170	59	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Benzaldehyde	ND		170	130	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Benzo[a]anthracene	ND		170	17	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Benzo[a]pyrene	ND		170	25	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Bis(2-ethylhexyl) phthalate	ND		170	58	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Caprolactam	ND		170	51	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Carbazole	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Chrysene	ND		170	38	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Dibenzofuran	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Diethyl phthalate	ND		170	22	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Dimethyl phthalate	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Fluoranthene	ND		170	18	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Fluorene	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Hexachlorobenzene	ND		170	23	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Hexachlorobutadiene	ND		170	25	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Hexachloroethane	ND		170	22	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Isophorone	ND		170	36	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Naphthalene	ND		170	22	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Nitrobenzene	ND		170	19	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Pentachlorophenol	ND		330	170	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Phenanthrene	ND		170	25	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Phenol	ND		170	26	ug/Kg		12/09/19 15:01	12/10/19 14:53	1
Pyrene	ND		170	20	ug/Kg		12/09/19 15:01	12/10/19 14:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*83*		*53 - 120*	*12/09/19 15:01*	*12/10/19 14:53*	*1*
Phenol-d5 (Surr)	*75*		*54 - 120*	*12/09/19 15:01*	*12/10/19 14:53*	*1*
p-Terphenyl-d14 (Surr)	*105*		*79 - 130*	*12/09/19 15:01*	*12/10/19 14:53*	*1*

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

Lab Sample ID: MB 480-508877/1-A
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508877

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		54 - 120	12/09/19 15:01	12/10/19 14:53	1
2-Fluorobiphenyl	88		60 - 120	12/09/19 15:01	12/10/19 14:53	1
2-Fluorophenol (Surr)	74		52 - 120	12/09/19 15:01	12/10/19 14:53	1

Lab Sample ID: LCS 480-508877/2-A
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	1670	1450		ug/Kg		87	59 - 120
bis (2-chloroisopropyl) ether	1670	989		ug/Kg		59	44 - 120
2,4,5-Trichlorophenol	1670	1550		ug/Kg		93	59 - 126
2,4,6-Trichlorophenol	1670	1460		ug/Kg		88	59 - 123
2,4-Dichlorophenol	1670	1410		ug/Kg		84	61 - 120
2,4-Dimethylphenol	1670	1440		ug/Kg		87	59 - 120
2,4-Dinitrophenol	3330	2750		ug/Kg		83	41 - 146
2,4-Dinitrotoluene	1670	1610		ug/Kg		97	63 - 120
2,6-Dinitrotoluene	1670	1520		ug/Kg		91	66 - 120
2-Chloronaphthalene	1670	1440		ug/Kg		87	57 - 120
2-Chlorophenol	1670	1200		ug/Kg		72	53 - 120
2-Methylphenol	1670	1160		ug/Kg		70	54 - 120
2-Methylnaphthalene	1670	1360		ug/Kg		82	59 - 120
2-Nitroaniline	1670	1440		ug/Kg		87	61 - 120
2-Nitrophenol	1670	1320		ug/Kg		79	56 - 120
3,3'-Dichlorobenzidine	3330	3190		ug/Kg		96	54 - 120
3-Nitroaniline	1670	1360		ug/Kg		81	48 - 120
4,6-Dinitro-2-methylphenol	3330	3070		ug/Kg		92	49 - 122
4-Bromophenyl phenyl ether	1670	1650		ug/Kg		99	58 - 120
4-Chloro-3-methylphenol	1670	1420		ug/Kg		85	61 - 120
4-Chloroaniline	1670	1240		ug/Kg		75	38 - 120
4-Chlorophenyl phenyl ether	1670	1570		ug/Kg		94	63 - 124
4-Methylphenol	1670	1190		ug/Kg		72	55 - 120
4-Nitroaniline	1670	1410		ug/Kg		85	56 - 120
4-Nitrophenol	3330	3690		ug/Kg		111	43 - 147
Acenaphthene	1670	1510		ug/Kg		91	62 - 120
Acenaphthylene	1670	1460		ug/Kg		88	58 - 121
Acetophenone	1670	1260		ug/Kg		76	54 - 120
Anthracene	1670	1620		ug/Kg		97	62 - 120
Atrazine	3330	3360		ug/Kg		101	60 - 127
Benzaldehyde	3330	1870		ug/Kg		56	10 - 150
Benzo[a]anthracene	1670	1690		ug/Kg		101	65 - 120
Benzo[a]pyrene	1670	1620		ug/Kg		97	64 - 120
Benzo[b]fluoranthene	1670	1700		ug/Kg		102	64 - 120
Benzo[g,h,i]perylene	1670	1540		ug/Kg		93	45 - 145
Benzo[k]fluoranthene	1670	1580		ug/Kg		95	65 - 120
Bis(2-chloroethoxy)methane	1670	1250		ug/Kg		75	55 - 120
Bis(2-chloroethyl)ether	1670	1100		ug/Kg		66	45 - 120
Bis(2-ethylhexyl) phthalate	1670	1780		ug/Kg		107	61 - 133

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

Lab Sample ID: LCS 480-508877/2-A
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	1670	1800		ug/Kg		108	61 - 129
Caprolactam	3330	2760		ug/Kg		83	47 - 120
Carbazole	1670	1600		ug/Kg		96	65 - 120
Chrysene	1670	1720		ug/Kg		103	64 - 120
Dibenz(a,h)anthracene	1670	1640		ug/Kg		98	54 - 132
Di-n-butyl phthalate	1670	1750		ug/Kg		105	58 - 130
Di-n-octyl phthalate	1670	1750		ug/Kg		105	57 - 133
Dibenzofuran	1670	1500		ug/Kg		90	63 - 120
Diethyl phthalate	1670	1670		ug/Kg		100	66 - 120
Dimethyl phthalate	1670	1610		ug/Kg		96	65 - 124
Fluoranthene	1670	1650		ug/Kg		99	62 - 120
Fluorene	1670	1510		ug/Kg		90	63 - 120
Hexachlorobenzene	1670	1650		ug/Kg		99	60 - 120
Hexachlorobutadiene	1670	1580		ug/Kg		95	45 - 120
Hexachlorocyclopentadiene	1670	1410		ug/Kg		85	47 - 120
Hexachloroethane	1670	1210		ug/Kg		72	41 - 120
Indeno[1,2,3-cd]pyrene	1670	1610		ug/Kg		96	56 - 134
Isophorone	1670	1350		ug/Kg		81	56 - 120
N-Nitrosodi-n-propylamine	1670	1170		ug/Kg		70	52 - 120
N-Nitrosodiphenylamine	1670	1540		ug/Kg		92	51 - 128
Naphthalene	1670	1350		ug/Kg		81	55 - 120
Nitrobenzene	1670	1280		ug/Kg		77	54 - 120
Pentachlorophenol	3330	2500		ug/Kg		75	51 - 120
Phenanthrene	1670	1570		ug/Kg		94	60 - 120
Phenol	1670	1100		ug/Kg		66	53 - 120
Pyrene	1670	1800		ug/Kg		108	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*78*		*53 - 120*
Phenol-d5 (Surr)	*66*		*54 - 120*
p-Terphenyl-d14 (Surr)	*100*		*79 - 130*
2,4,6-Tribromophenol (Surr)	*96*		*54 - 120*
2-Fluorobiphenyl	*87*		*60 - 120*
2-Fluorophenol (Surr)	*68*		*52 - 120*

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	ND		1990	1840		ug/Kg	☼	93	58 - 120
bis (2-chloroisopropyl) ether	ND	F2	1990	1290		ug/Kg	☼	65	31 - 120
2,4,5-Trichlorophenol	ND		1990	1910		ug/Kg	☼	96	46 - 120
2,4,6-Trichlorophenol	ND		1990	1860		ug/Kg	☼	94	41 - 123
2,4-Dichlorophenol	ND		1990	1700		ug/Kg	☼	85	45 - 120
2,4-Dimethylphenol	ND		1990	1660		ug/Kg	☼	83	52 - 120
2,4-Dinitrophenol	ND		3970	ND		ug/Kg	☼	NC	41 - 146
2,4-Dinitrotoluene	ND		1990	1970		ug/Kg	☼	99	63 - 125

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

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	ND		1990	1810		ug/Kg	☼	91	66 - 120
2-Chloronaphthalene	ND		1990	1860		ug/Kg	☼	94	57 - 120
2-Chlorophenol	ND		1990	1500	J	ug/Kg	☼	75	43 - 120
2-Methylphenol	ND		1990	1560		ug/Kg	☼	78	48 - 120
2-Methylnaphthalene	ND		1990	1900		ug/Kg	☼	96	55 - 120
2-Nitroaniline	ND		1990	1830	J	ug/Kg	☼	92	61 - 120
2-Nitrophenol	ND	F2	1990	1640		ug/Kg	☼	82	37 - 120
3,3'-Dichlorobenzidine	ND		3970	3060		ug/Kg	☼	77	37 - 126
3-Nitroaniline	ND		1990	1630	J	ug/Kg	☼	82	48 - 120
4,6-Dinitro-2-methylphenol	ND		3970	3290		ug/Kg	☼	83	23 - 149
4-Bromophenyl phenyl ether	ND		1990	1950		ug/Kg	☼	98	58 - 120
4-Chloro-3-methylphenol	ND		1990	1720		ug/Kg	☼	87	49 - 125
4-Chloroaniline	ND		1990	1270		ug/Kg	☼	64	38 - 120
4-Chlorophenyl phenyl ether	ND		1990	1980		ug/Kg	☼	100	63 - 124
4-Methylphenol	ND		1990	1600	J	ug/Kg	☼	81	50 - 120
4-Nitroaniline	ND		1990	1590	J	ug/Kg	☼	80	47 - 120
4-Nitrophenol	ND		3970	4080		ug/Kg	☼	103	31 - 147
Acenaphthene	ND		1990	1930		ug/Kg	☼	97	60 - 120
Acenaphthylene	ND		1990	2060		ug/Kg	☼	104	58 - 121
Acetophenone	ND	F2	1990	1790		ug/Kg	☼	90	47 - 120
Anthracene	ND	F1 F2	1990	2540	F1	ug/Kg	☼	128	62 - 120
Atrazine	ND		3970	3930		ug/Kg	☼	99	60 - 150
Benzaldehyde	ND		3970	2560		ug/Kg	☼	64	10 - 150
Benzo[a]anthracene	1200	F1 F2	1990	4770	F1	ug/Kg	☼	182	65 - 120
Benzo[a]pyrene	970	J F1 F2	1990	4140	F1	ug/Kg	☼	159	64 - 120
Benzo[b]fluoranthene	1200	F1 F2	1990	4400	F1	ug/Kg	☼	163	10 - 150
Benzo[g,h,i]perylene	600	J F2	1990	3420		ug/Kg	☼	142	45 - 145
Benzo[k]fluoranthene	500	J F2	1990	3020		ug/Kg	☼	127	23 - 150
Bis(2-chloroethoxy)methane	ND	F2	1990	1620		ug/Kg	☼	82	52 - 120
Bis(2-chloroethyl)ether	ND	F2	1990	1440		ug/Kg	☼	73	45 - 120
Bis(2-ethylhexyl) phthalate	ND		1990	2110		ug/Kg	☼	106	61 - 133
Butyl benzyl phthalate	ND		1990	2140		ug/Kg	☼	107	61 - 120
Caprolactam	ND		3970	3070		ug/Kg	☼	77	37 - 133
Carbazole	ND		1990	2090		ug/Kg	☼	105	59 - 120
Chrysene	1100	F1 F2	1990	4320	F1	ug/Kg	☼	164	64 - 120
Dibenz(a,h)anthracene	220	J F2	1990	2580		ug/Kg	☼	119	54 - 132
Di-n-butyl phthalate	ND		1990	2110		ug/Kg	☼	106	58 - 130
Di-n-octyl phthalate	ND		1990	2060		ug/Kg	☼	104	57 - 133
Dibenzofuran	ND		1990	1930		ug/Kg	☼	97	62 - 120
Diethyl phthalate	ND		1990	1940		ug/Kg	☼	98	66 - 120
Dimethyl phthalate	ND		1990	1960		ug/Kg	☼	99	65 - 124
Fluoranthene	2200	F1 F2	1990	7120	F1	ug/Kg	☼	250	62 - 120
Fluorene	ND		1990	1980		ug/Kg	☼	100	63 - 120
Hexachlorobenzene	ND		1990	2090		ug/Kg	☼	105	60 - 120
Hexachlorobutadiene	ND		1990	2100		ug/Kg	☼	106	45 - 120
Hexachlorocyclopentadiene	ND		1990	1340		ug/Kg	☼	67	31 - 120
Hexachloroethane	ND		1990	1630		ug/Kg	☼	82	21 - 120
Indeno[1,2,3-cd]pyrene	500	J F1 F2	1990	3310	F1	ug/Kg	☼	142	56 - 134
Isophorone	ND		1990	1570		ug/Kg	☼	79	56 - 120

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

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	ND		1990	1520		ug/Kg	☼	76	46 - 120
N-Nitrosodiphenylamine	ND		1990	1930		ug/Kg	☼	97	20 - 128
Naphthalene	ND		1990	1820		ug/Kg	☼	92	46 - 120
Nitrobenzene	ND		1990	1610		ug/Kg	☼	81	49 - 120
Pentachlorophenol	ND		3970	2950		ug/Kg	☼	74	25 - 136
Phenanthrene	770	J F1 F2	1990	3950	F1	ug/Kg	☼	160	60 - 122
Phenol	ND		1990	1420		ug/Kg	☼	72	50 - 120
Pyrene	2000	F1 F2	1990	6470	F1	ug/Kg	☼	225	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*85*		*53 - 120*
Phenol-d5 (Surr)	*78*		*54 - 120*
p-Terphenyl-d14 (Surr)	*98*		*79 - 130*
2,4,6-Tribromophenol (Surr)	*107*		*54 - 120*
2-Fluorobiphenyl	*91*		*60 - 120*
2-Fluorophenol (Surr)	*76*		*52 - 120*

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biphenyl	ND		2020	1700		ug/Kg	☼	84	58 - 120	8	20
bis (2-chloroisopropyl) ether	ND	F2	2020	922	J F2	ug/Kg	☼	46	31 - 120	33	24
2,4,5-Trichlorophenol	ND		2020	1820		ug/Kg	☼	90	46 - 120	5	18
2,4,6-Trichlorophenol	ND		2020	1710		ug/Kg	☼	85	41 - 123	8	19
2,4-Dichlorophenol	ND		2020	1620		ug/Kg	☼	80	45 - 120	5	19
2,4-Dimethylphenol	ND		2020	1510		ug/Kg	☼	75	52 - 120	9	42
2,4-Dinitrophenol	ND		4040	ND		ug/Kg	☼	NC	41 - 146	NC	22
2,4-Dinitrotoluene	ND		2020	1980		ug/Kg	☼	98	63 - 125	0	20
2,6-Dinitrotoluene	ND		2020	1950		ug/Kg	☼	96	66 - 120	7	15
2-Chloronaphthalene	ND		2020	1690		ug/Kg	☼	84	57 - 120	10	21
2-Chlorophenol	ND		2020	1220	J	ug/Kg	☼	60	43 - 120	21	25
2-Methylphenol	ND		2020	1230		ug/Kg	☼	61	48 - 120	23	27
2-Methylnaphthalene	ND		2020	1730		ug/Kg	☼	86	55 - 120	9	21
2-Nitroaniline	ND		2020	1810	J	ug/Kg	☼	90	61 - 120	1	15
2-Nitrophenol	ND	F2	2020	1210	F2	ug/Kg	☼	60	37 - 120	30	18
3,3'-Dichlorobenzidine	ND		4040	3770		ug/Kg	☼	93	37 - 126	21	25
3-Nitroaniline	ND		2020	1810	J	ug/Kg	☼	89	48 - 120	10	19
4,6-Dinitro-2-methylphenol	ND		4040	2850		ug/Kg	☼	70	23 - 149	14	15
4-Bromophenyl phenyl ether	ND		2020	2050		ug/Kg	☼	101	58 - 120	5	15
4-Chloro-3-methylphenol	ND		2020	1670		ug/Kg	☼	82	49 - 125	3	27
4-Chloroaniline	ND		2020	1340		ug/Kg	☼	66	38 - 120	5	22
4-Chlorophenyl phenyl ether	ND		2020	1980		ug/Kg	☼	98	63 - 124	0	16
4-Methylphenol	ND		2020	1410	J	ug/Kg	☼	70	50 - 120	13	24
4-Nitroaniline	ND		2020	1630	J	ug/Kg	☼	80	47 - 120	2	24
4-Nitrophenol	ND		4040	4210		ug/Kg	☼	104	31 - 147	3	25
Acenaphthene	ND		2020	1790		ug/Kg	☼	89	60 - 120	7	35

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

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 509077

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508877

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	ND		2020	1900		ug/Kg	☼	94	58 - 121	8	18
Acetophenone	ND	F2	2020	1290	F2	ug/Kg	☼	64	47 - 120	32	20
Anthracene	ND	F1 F2	2020	2070	F2	ug/Kg	☼	102	62 - 120	21	15
Atrazine	ND		4040	4260		ug/Kg	☼	105	60 - 150	8	20
Benzaldehyde	ND		4040	2090		ug/Kg	☼	52	10 - 150	20	20
Benzo[a]anthracene	1200	F1 F2	2020	2810	F2	ug/Kg	☼	81	65 - 120	52	15
Benzo[a]pyrene	970	J F1 F2	2020	2500	F2	ug/Kg	☼	76	64 - 120	49	15
Benzo[b]fluoranthene	1200	F1 F2	2020	2840	F2	ug/Kg	☼	83	10 - 150	43	15
Benzo[g,h,i]perylene	600	J F2	2020	2480	F2	ug/Kg	☼	93	45 - 145	32	15
Benzo[k]fluoranthene	500	J F2	2020	2100	F2	ug/Kg	☼	79	23 - 150	36	22
Bis(2-chloroethoxy)methane	ND	F2	2020	1350	F2	ug/Kg	☼	67	52 - 120	19	17
Bis(2-chloroethyl)ether	ND	F2	2020	974	J F2	ug/Kg	☼	48	45 - 120	39	21
Bis(2-ethylhexyl) phthalate	ND		2020	2140		ug/Kg	☼	106	61 - 133	2	15
Butyl benzyl phthalate	ND		2020	2110		ug/Kg	☼	104	61 - 120	1	16
Caprolactam	ND		4040	3420		ug/Kg	☼	85	37 - 133	11	20
Carbazole	ND		2020	1950		ug/Kg	☼	96	59 - 120	7	20
Chrysene	1100	F1 F2	2020	2720	F2	ug/Kg	☼	82	64 - 120	45	15
Dibenz(a,h)anthracene	220	J F2	2020	2060	F2	ug/Kg	☼	91	54 - 132	22	15
Di-n-butyl phthalate	ND		2020	2120		ug/Kg	☼	105	58 - 130	1	15
Di-n-octyl phthalate	ND		2020	2150		ug/Kg	☼	106	57 - 133	4	16
Dibenzofuran	ND		2020	1860		ug/Kg	☼	92	62 - 120	4	15
Diethyl phthalate	ND		2020	1970		ug/Kg	☼	98	66 - 120	2	15
Dimethyl phthalate	ND		2020	1960		ug/Kg	☼	97	65 - 124	0	15
Fluoranthene	2200	F1 F2	2020	3240	F1 F2	ug/Kg	☼	54	62 - 120	75	15
Fluorene	ND		2020	1900		ug/Kg	☼	94	63 - 120	4	15
Hexachlorobenzene	ND		2020	2130		ug/Kg	☼	105	60 - 120	2	15
Hexachlorobutadiene	ND		2020	1400		ug/Kg	☼	69	45 - 120	40	44
Hexachlorocyclopentadiene	ND		2020	1210		ug/Kg	☼	60	31 - 120	10	49
Hexachloroethane	ND		2020	1070		ug/Kg	☼	53	21 - 120	42	46
Indeno[1,2,3-cd]pyrene	500	J F1 F2	2020	2340	F2	ug/Kg	☼	91	56 - 134	34	15
Isophorone	ND		2020	1410		ug/Kg	☼	70	56 - 120	11	17
N-Nitrosodi-n-propylamine	ND		2020	1270		ug/Kg	☼	63	46 - 120	18	31
N-Nitrosodiphenylamine	ND		2020	1820		ug/Kg	☼	90	20 - 128	6	15
Naphthalene	ND		2020	1430		ug/Kg	☼	71	46 - 120	25	29
Nitrobenzene	ND		2020	1320		ug/Kg	☼	65	49 - 120	20	24
Pentachlorophenol	ND		4040	2630		ug/Kg	☼	65	25 - 136	11	35
Phenanthrene	770	J F1 F2	2020	2560	F2	ug/Kg	☼	88	60 - 122	43	15
Phenol	ND		2020	1170		ug/Kg	☼	58	50 - 120	19	35
Pyrene	2000	F1 F2	2020	3170	F1 F2	ug/Kg	☼	58	61 - 133	68	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*61*		*53 - 120*
Phenol-d5 (Surr)	*58*		*54 - 120*
p-Terphenyl-d14 (Surr)	*97*		*79 - 130*
2,4,6-Tribromophenol (Surr)	*103*		*54 - 120*
2-Fluorobiphenyl	*83*		*60 - 120*
2-Fluorophenol (Surr)	*47*	*X*	*52 - 120*

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

Lab Sample ID: MB 480-508728/1-A
Matrix: Solid
Analysis Batch: 508966

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508728

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.037	mg/Kg		12/09/19 07:45	12/10/19 09:56	1
PCB-1221	ND		0.19	0.037	mg/Kg		12/09/19 07:45	12/10/19 09:56	1
PCB-1232	ND		0.19	0.037	mg/Kg		12/09/19 07:45	12/10/19 09:56	1
PCB-1242	ND		0.19	0.037	mg/Kg		12/09/19 07:45	12/10/19 09:56	1
PCB-1248	ND		0.19	0.037	mg/Kg		12/09/19 07:45	12/10/19 09:56	1
PCB-1254	ND		0.19	0.088	mg/Kg		12/09/19 07:45	12/10/19 09:56	1
PCB-1260	ND		0.19	0.088	mg/Kg		12/09/19 07:45	12/10/19 09:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*12/09/19 07:45*	*12/10/19 09:56*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*12/09/19 07:45*	*12/10/19 09:56*	*1*
DCB Decachlorobiphenyl	*101*		*65 - 174*	*12/09/19 07:45*	*12/10/19 09:56*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*12/09/19 07:45*	*12/10/19 09:56*	*1*

Lab Sample ID: LCS 480-508728/2-A
Matrix: Solid
Analysis Batch: 508966

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508728

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2.20	3.33		mg/Kg		151	51 - 185		
PCB-1260			2.20	2.97		mg/Kg		135	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*138*		*60 - 154*
Tetrachloro-m-xylene	*116*		*60 - 154*
DCB Decachlorobiphenyl	*137*		*65 - 174*
DCB Decachlorobiphenyl	*116*		*65 - 174*

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 508966

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		2.28	2.64		mg/Kg	☼	116	50 - 177		
PCB-1260	ND		2.28	2.29		mg/Kg	☼	101	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*115*		*60 - 154*
Tetrachloro-m-xylene	*103*		*60 - 154*
DCB Decachlorobiphenyl	*113*		*65 - 174*
DCB Decachlorobiphenyl	*96*		*65 - 174*

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 508966

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2.89	3.38		mg/Kg	☼	117	50 - 177	25	50

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

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 508966

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	ND		2.89	2.87		mg/Kg	☼	99	33 - 200	23	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*124*		*60 - 154*
Tetrachloro-m-xylene	*100*		*60 - 154*
DCB Decachlorobiphenyl	*113*		*65 - 174*
DCB Decachlorobiphenyl	*94*		*65 - 174*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-508809/1-A
Matrix: Solid
Analysis Batch: 509518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.39	mg/Kg		12/10/19 14:13	12/11/19 18:41	1
Barium	ND		0.49	0.11	mg/Kg		12/10/19 14:13	12/11/19 18:41	1
Cadmium	ND		0.20	0.030	mg/Kg		12/10/19 14:13	12/11/19 18:41	1
Chromium	ND		0.49	0.20	mg/Kg		12/10/19 14:13	12/11/19 18:41	1
Lead	ND		0.99	0.24	mg/Kg		12/10/19 14:13	12/11/19 18:41	1
Selenium	ND		3.9	0.39	mg/Kg		12/10/19 14:13	12/11/19 18:41	1
Silver	ND		0.59	0.20	mg/Kg		12/10/19 14:13	12/11/19 18:41	1

Lab Sample ID: LCSSRM 480-508809/2-A
Matrix: Solid
Analysis Batch: 509518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508809

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	138	120.8		mg/Kg		87.6	63.3 - 117.4
Barium	589	449.9		mg/Kg		76.4	67.4 - 112.4
Cadmium	42.3	31.28		mg/Kg		74.0	66.7 - 111.3
Chromium	62.7	61.28		mg/Kg		97.7	65.1 - 120.9
Lead	115	130.8		mg/Kg		113.7	68.4 - 124.3
Selenium	281	218.1		mg/Kg		77.6	61.9 - 117.1
Silver	30.0	24.96		mg/Kg		83.2	61.3 - 119.7

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 509518

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	19.2		46.9	60.03		mg/Kg	☼	87	75 - 125
Barium	109	F1 F2	46.9	133.3	F1	mg/Kg	☼	51	75 - 125
Cadmium	0.062	J	46.9	43.54		mg/Kg	☼	93	75 - 125

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

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 509518

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	12.3		46.9	56.41		mg/Kg	☼	94	75 - 125
Lead	2340	F2	46.9	82.89	4	mg/Kg	☼	-4807	75 - 125
Selenium	1.1	J	46.9	41.19		mg/Kg	☼	85	75 - 125
Silver	ND		11.7	10.45		mg/Kg	☼	89	75 - 125

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 509518

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 508809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	19.2		48.6	62.15		mg/Kg	☼	88	75 - 125	3	20
Barium	109	F1 F2	48.6	170.2	F2	mg/Kg	☼	125	75 - 125	24	20
Cadmium	0.062	J	48.6	42.84		mg/Kg	☼	88	75 - 125	2	20
Chromium	12.3		48.6	59.78		mg/Kg	☼	98	75 - 125	6	20
Lead	2340	F2	48.6	140.1	4 F2	mg/Kg	☼	-4518	75 - 125	51	20
Selenium	1.1	J	48.6	40.53		mg/Kg	☼	81	75 - 125	2	20
Silver	ND		12.2	10.27		mg/Kg	☼	84	75 - 125	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-509970/1-A
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 509970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0080	mg/Kg		12/15/19 14:01	12/15/19 14:59	1

Lab Sample ID: LCSSRM 480-509970/2-A ^5
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 509970

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.12	3.24		mg/Kg		103.9	56.4 - 131.4

Lab Sample ID: 480-163813-3 MS
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 509970

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.45	F1	0.376	0.600	F1	mg/Kg	☼	40	80 - 120

Lab Sample ID: 480-163813-3 MSD
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: TP #5, 1-2
Prep Type: Total/NA
Prep Batch: 509970

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.45	F1	0.403	0.581	F1	mg/Kg	☼	33	80 - 120	3	20

GC/MS VOA

Analysis Batch: 508746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-2	TP #3, 2-3	Total/NA	Solid	8260C	508768
480-163813-3	TP #5, 1-2	Total/NA	Solid	8260C	508768
480-163813-4	TP #6, 3-4	Total/NA	Solid	8260C	508768
480-163813-5	TP #9, 3	Total/NA	Solid	8260C	508768
480-163813-6	TP #1, 1-2	Total/NA	Solid	8260C	508768
MB 480-508768/2-A	Method Blank	Total/NA	Solid	8260C	508768
LCS 480-508768/1-A	Lab Control Sample	Total/NA	Solid	8260C	508768
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	8260C	508768
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	8260C	508768

Prep Batch: 508768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-2	TP #3, 2-3	Total/NA	Solid	5035A_L	
480-163813-3	TP #5, 1-2	Total/NA	Solid	5035A_L	
480-163813-4	TP #6, 3-4	Total/NA	Solid	5035A_L	
480-163813-5	TP #9, 3	Total/NA	Solid	5035A_L	
480-163813-6	TP #1, 1-2	Total/NA	Solid	5035A_L	
MB 480-508768/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-508768/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	5035A_L	
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	5035A_L	

Analysis Batch: 508963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	8260C	509017
MB 480-509017/2-A	Method Blank	Total/NA	Solid	8260C	509017
LCS 480-509017/1-A	Lab Control Sample	Total/NA	Solid	8260C	509017

Prep Batch: 509017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	5035A_L	
MB 480-509017/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-509017/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Prep Batch: 509237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-10	SAMPLE 1UST	Total/NA	Solid	5035A_H	
480-163813-11	SAMPLE 2UST	Total/NA	Solid	5035A_H	
480-163813-12	SAMPLE 3UST	Total/NA	Solid	5035A_H	
480-163813-13	SAMPLE 4UST	Total/NA	Solid	5035A_H	
MB 480-509237/2-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-509237/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Analysis Batch: 509448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-10	SAMPLE 1UST	Total/NA	Solid	8260C	509237
480-163813-11	SAMPLE 2UST	Total/NA	Solid	8260C	509237
480-163813-12	SAMPLE 3UST	Total/NA	Solid	8260C	509237
480-163813-13	SAMPLE 4UST	Total/NA	Solid	8260C	509237
MB 480-509237/2-A	Method Blank	Total/NA	Solid	8260C	509237
LCS 480-509237/1-A	Lab Control Sample	Total/NA	Solid	8260C	509237

GC/MS Semi VOA

Prep Batch: 508877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	3550C	
480-163813-2	TP #3, 2-3	Total/NA	Solid	3550C	
480-163813-3	TP #5, 1-2	Total/NA	Solid	3550C	
480-163813-4	TP #6, 3-4	Total/NA	Solid	3550C	
480-163813-5	TP #9, 3	Total/NA	Solid	3550C	
480-163813-6	TP #1, 1-2	Total/NA	Solid	3550C	
480-163813-7	TP9 SURFACE	Total/NA	Solid	3550C	
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	3550C	
480-163813-9	UST PARKING AREA	Total/NA	Solid	3550C	
480-163813-10	SAMPLE 1UST	Total/NA	Solid	3550C	
480-163813-11	SAMPLE 2UST	Total/NA	Solid	3550C	
480-163813-12	SAMPLE 3UST	Total/NA	Solid	3550C	
480-163813-13	SAMPLE 4UST	Total/NA	Solid	3550C	
MB 480-508877/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-508877/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	3550C	
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	3550C	

Analysis Batch: 509077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	8270D	508877
480-163813-2	TP #3, 2-3	Total/NA	Solid	8270D	508877
480-163813-3	TP #5, 1-2	Total/NA	Solid	8270D	508877
480-163813-4	TP #6, 3-4	Total/NA	Solid	8270D	508877
480-163813-5	TP #9, 3	Total/NA	Solid	8270D	508877
480-163813-6	TP #1, 1-2	Total/NA	Solid	8270D	508877
480-163813-7	TP9 SURFACE	Total/NA	Solid	8270D	508877
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	8270D	508877
480-163813-9	UST PARKING AREA	Total/NA	Solid	8270D	508877
480-163813-10	SAMPLE 1UST	Total/NA	Solid	8270D	508877
480-163813-11	SAMPLE 2UST	Total/NA	Solid	8270D	508877
480-163813-12	SAMPLE 3UST	Total/NA	Solid	8270D	508877
480-163813-13	SAMPLE 4UST	Total/NA	Solid	8270D	508877
MB 480-508877/1-A	Method Blank	Total/NA	Solid	8270D	508877
LCS 480-508877/2-A	Lab Control Sample	Total/NA	Solid	8270D	508877
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	8270D	508877
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	8270D	508877

GC Semi VOA

Prep Batch: 508728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	3550C	
480-163813-2	TP #3, 2-3	Total/NA	Solid	3550C	
480-163813-3	TP #5, 1-2	Total/NA	Solid	3550C	
480-163813-4	TP #6, 3-4	Total/NA	Solid	3550C	
480-163813-5	TP #9, 3	Total/NA	Solid	3550C	
480-163813-6	TP #1, 1-2	Total/NA	Solid	3550C	
480-163813-7	TP9 SURFACE	Total/NA	Solid	3550C	
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	3550C	
480-163813-9	UST PARKING AREA	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 508728 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-508728/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-508728/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	3550C	
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	3550C	

Analysis Batch: 508966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	8082A	508728
480-163813-2	TP #3, 2-3	Total/NA	Solid	8082A	508728
480-163813-3	TP #5, 1-2	Total/NA	Solid	8082A	508728
480-163813-4	TP #6, 3-4	Total/NA	Solid	8082A	508728
480-163813-5	TP #9, 3	Total/NA	Solid	8082A	508728
480-163813-6	TP #1, 1-2	Total/NA	Solid	8082A	508728
480-163813-7	TP9 SURFACE	Total/NA	Solid	8082A	508728
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	8082A	508728
480-163813-9	UST PARKING AREA	Total/NA	Solid	8082A	508728
MB 480-508728/1-A	Method Blank	Total/NA	Solid	8082A	508728
LCS 480-508728/2-A	Lab Control Sample	Total/NA	Solid	8082A	508728
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	8082A	508728
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	8082A	508728

Metals

Prep Batch: 508809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	3050B	
480-163813-2	TP #3, 2-3	Total/NA	Solid	3050B	
480-163813-3	TP #5, 1-2	Total/NA	Solid	3050B	
480-163813-4	TP #6, 3-4	Total/NA	Solid	3050B	
480-163813-5	TP #9, 3	Total/NA	Solid	3050B	
480-163813-6	TP #1, 1-2	Total/NA	Solid	3050B	
480-163813-7	TP9 SURFACE	Total/NA	Solid	3050B	
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	3050B	
480-163813-9	UST PARKING AREA	Total/NA	Solid	3050B	
480-163813-10	SAMPLE 1UST	Total/NA	Solid	3050B	
480-163813-11	SAMPLE 2UST	Total/NA	Solid	3050B	
480-163813-12	SAMPLE 3UST	Total/NA	Solid	3050B	
480-163813-13	SAMPLE 4UST	Total/NA	Solid	3050B	
MB 480-508809/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-508809/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	3050B	
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	3050B	

Analysis Batch: 509518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	6010C	508809
480-163813-2	TP #3, 2-3	Total/NA	Solid	6010C	508809
480-163813-3	TP #5, 1-2	Total/NA	Solid	6010C	508809
480-163813-4	TP #6, 3-4	Total/NA	Solid	6010C	508809
480-163813-5	TP #9, 3	Total/NA	Solid	6010C	508809
480-163813-6	TP #1, 1-2	Total/NA	Solid	6010C	508809

Metals (Continued)

Analysis Batch: 509518 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-7	TP9 SURFACE	Total/NA	Solid	6010C	508809
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	6010C	508809
480-163813-9	UST PARKING AREA	Total/NA	Solid	6010C	508809
480-163813-10	SAMPLE 1UST	Total/NA	Solid	6010C	508809
480-163813-11	SAMPLE 2UST	Total/NA	Solid	6010C	508809
480-163813-12	SAMPLE 3UST	Total/NA	Solid	6010C	508809
480-163813-13	SAMPLE 4UST	Total/NA	Solid	6010C	508809
MB 480-508809/1-A	Method Blank	Total/NA	Solid	6010C	508809
LCSSRM 480-508809/2-A	Lab Control Sample	Total/NA	Solid	6010C	508809
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	6010C	508809
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	6010C	508809

Prep Batch: 509970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	7471B	
480-163813-2	TP #3, 2-3	Total/NA	Solid	7471B	
480-163813-3	TP #5, 1-2	Total/NA	Solid	7471B	
480-163813-4	TP #6, 3-4	Total/NA	Solid	7471B	
480-163813-5	TP #9, 3	Total/NA	Solid	7471B	
480-163813-6	TP #1, 1-2	Total/NA	Solid	7471B	
480-163813-7	TP9 SURFACE	Total/NA	Solid	7471B	
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	7471B	
480-163813-9	UST PARKING AREA	Total/NA	Solid	7471B	
480-163813-10	SAMPLE 1UST	Total/NA	Solid	7471B	
480-163813-11	SAMPLE 2UST	Total/NA	Solid	7471B	
480-163813-12	SAMPLE 3UST	Total/NA	Solid	7471B	
480-163813-13	SAMPLE 4UST	Total/NA	Solid	7471B	
MB 480-509970/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-509970/2-A ^5	Lab Control Sample	Total/NA	Solid	7471B	
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	7471B	
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	7471B	

Analysis Batch: 509976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	7471B	509970
480-163813-2	TP #3, 2-3	Total/NA	Solid	7471B	509970
480-163813-3	TP #5, 1-2	Total/NA	Solid	7471B	509970
480-163813-4	TP #6, 3-4	Total/NA	Solid	7471B	509970
480-163813-5	TP #9, 3	Total/NA	Solid	7471B	509970
480-163813-6	TP #1, 1-2	Total/NA	Solid	7471B	509970
480-163813-7	TP9 SURFACE	Total/NA	Solid	7471B	509970
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	7471B	509970
480-163813-9	UST PARKING AREA	Total/NA	Solid	7471B	509970
480-163813-10	SAMPLE 1UST	Total/NA	Solid	7471B	509970
480-163813-11	SAMPLE 2UST	Total/NA	Solid	7471B	509970
480-163813-12	SAMPLE 3UST	Total/NA	Solid	7471B	509970
480-163813-13	SAMPLE 4UST	Total/NA	Solid	7471B	509970
MB 480-509970/1-A	Method Blank	Total/NA	Solid	7471B	509970
LCSSRM 480-509970/2-A ^5	Lab Control Sample	Total/NA	Solid	7471B	509970
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	7471B	509970
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	7471B	509970

General Chemistry

Analysis Batch: 508893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-1	TP #4, 1-2	Total/NA	Solid	Moisture	
480-163813-2	TP #3, 2-3	Total/NA	Solid	Moisture	
480-163813-3	TP #5, 1-2	Total/NA	Solid	Moisture	
480-163813-4	TP #6, 3-4	Total/NA	Solid	Moisture	
480-163813-5	TP #9, 3	Total/NA	Solid	Moisture	
480-163813-6	TP #1, 1-2	Total/NA	Solid	Moisture	
480-163813-10	SAMPLE 1UST	Total/NA	Solid	Moisture	
480-163813-11	SAMPLE 2UST	Total/NA	Solid	Moisture	
480-163813-12	SAMPLE 3UST	Total/NA	Solid	Moisture	
480-163813-13	SAMPLE 4UST	Total/NA	Solid	Moisture	
480-163813-3 MS	TP #5, 1-2	Total/NA	Solid	Moisture	
480-163813-3 MSD	TP #5, 1-2	Total/NA	Solid	Moisture	

Analysis Batch: 509126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163813-7	TP9 SURFACE	Total/NA	Solid	Moisture	
480-163813-8	CHURCHSTREET BAYAREA	Total/NA	Solid	Moisture	
480-163813-9	UST PARKING AREA	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP #4, 1-2
Date Collected: 12/05/19 08:48
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: TP #4, 1-2
Date Collected: 12/05/19 08:48
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-1
Matrix: Solid
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			509017	12/07/19 08:00	WJD	TAL BUF
Total/NA	Analysis	8260C		1	508963	12/10/19 12:38	CDC	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 16:59	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 11:51	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 18:48	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:01	BMB	TAL BUF

Client Sample ID: TP #3, 2-3
Date Collected: 12/05/19 09:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: TP #3, 2-3
Date Collected: 12/05/19 09:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-2
Matrix: Solid
Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			508768	12/07/19 08:00	WJD	TAL BUF
Total/NA	Analysis	8260C		1	508746	12/09/19 12:44	CDC	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 17:24	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 12:04	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 18:52	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:02	BMB	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP #5, 1-2

Lab Sample ID: 480-163813-3
Date Collected: 12/05/19 10:10
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: TP #5, 1-2

Lab Sample ID: 480-163813-3
Date Collected: 12/05/19 10:10
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			508768	12/07/19 08:00	WJD	TAL BUF
Total/NA	Analysis	8260C		1	508746	12/09/19 13:10	CDC	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		5	509077	12/10/19 16:34	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 10:47	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 18:56	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:04	BMB	TAL BUF

Client Sample ID: TP #6, 3-4

Lab Sample ID: 480-163813-4
Date Collected: 12/05/19 10:40
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: TP #6, 3-4

Lab Sample ID: 480-163813-4
Date Collected: 12/05/19 10:40
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			508768	12/07/19 08:00	WJD	TAL BUF
Total/NA	Analysis	8260C		1	508746	12/09/19 13:36	CDC	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 17:49	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 12:17	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:25	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:09	BMB	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP #9, 3
Date Collected: 12/05/19 12:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: TP #9, 3
Date Collected: 12/05/19 12:30
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-5
Matrix: Solid
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			508768	12/07/19 08:00	WJD	TAL BUF
Total/NA	Analysis	8260C		1	508746	12/09/19 14:01	CDC	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		10	509077	12/10/19 18:14	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 12:30	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:28	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:10	BMB	TAL BUF

Client Sample ID: TP #1, 1-2
Date Collected: 12/05/19 08:04
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: TP #1, 1-2
Date Collected: 12/05/19 08:04
Date Received: 12/06/19 15:25

Lab Sample ID: 480-163813-6
Matrix: Solid
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			508768	12/07/19 08:00	WJD	TAL BUF
Total/NA	Analysis	8260C		1	508746	12/09/19 14:27	CDC	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 18:39	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 12:43	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:32	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:14	BMB	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Client Sample ID: TP9 SURFACE
Lab Sample ID: 480-163813-7
Date Collected: 12/05/19 12:10
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	509126	12/10/19 15:08	BAS	TAL BUF

Client Sample ID: TP9 SURFACE
Lab Sample ID: 480-163813-7
Date Collected: 12/05/19 12:10
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		10	509077	12/10/19 19:05	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 12:55	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:36	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:15	BMB	TAL BUF

Client Sample ID: CHURCHSTREET BAYAREA
Lab Sample ID: 480-163813-8
Date Collected: 12/05/19 13:00
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	509126	12/10/19 15:08	BAS	TAL BUF

Client Sample ID: CHURCHSTREET BAYAREA
Lab Sample ID: 480-163813-8
Date Collected: 12/05/19 13:00
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		10	509077	12/10/19 19:30	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 13:08	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:39	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:17	BMB	TAL BUF

Client Sample ID: UST PARKING AREA
Lab Sample ID: 480-163813-9
Date Collected: 12/05/19 13:10
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	509126	12/10/19 15:08	BAS	TAL BUF

Client Sample ID: UST PARKING AREA

Lab Sample ID: 480-163813-9

Date Collected: 12/05/19 13:10

Matrix: Solid

Date Received: 12/06/19 15:25

Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 19:56	PJQ	TAL BUF
Total/NA	Prep	3550C			508728	12/09/19 07:45	SMP	TAL BUF
Total/NA	Analysis	8082A		1	508966	12/10/19 13:21	W1T	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:43	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:18	BMB	TAL BUF

Client Sample ID: SAMPLE 1UST

Lab Sample ID: 480-163813-10

Date Collected: 12/04/19 10:43

Matrix: Solid

Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: SAMPLE 1UST

Lab Sample ID: 480-163813-10

Date Collected: 12/04/19 10:43

Matrix: Solid

Date Received: 12/06/19 15:25

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			509237	12/11/19 09:08	WJD	TAL BUF
Total/NA	Analysis	8260C		10	509448	12/12/19 13:25	LCH	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 20:21	PJQ	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 19:58	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:19	BMB	TAL BUF

Client Sample ID: SAMPLE 2UST

Lab Sample ID: 480-163813-11

Date Collected: 12/04/19 12:25

Matrix: Solid

Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: SAMPLE 2UST

Lab Sample ID: 480-163813-11

Date Collected: 12/04/19 12:25

Matrix: Solid

Date Received: 12/06/19 15:25

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			509237	12/11/19 09:08	WJD	TAL BUF
Total/NA	Analysis	8260C		20	509448	12/12/19 13:49	LCH	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 20:46	PJQ	TAL BUF

Client Sample ID: SAMPLE 2UST
Lab Sample ID: 480-163813-11
Date Collected: 12/04/19 12:25
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 20:02	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:21	BMB	TAL BUF

Client Sample ID: SAMPLE 3UST
Lab Sample ID: 480-163813-12
Date Collected: 12/04/19 14:23
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: SAMPLE 3UST
Lab Sample ID: 480-163813-12
Date Collected: 12/04/19 14:23
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			509237	12/11/19 09:08	WJD	TAL BUF
Total/NA	Analysis	8260C		10	509448	12/12/19 14:13	LCH	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		1	509077	12/10/19 21:11	PJQ	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 20:05	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:22	BMB	TAL BUF

Client Sample ID: SAMPLE 4UST
Lab Sample ID: 480-163813-13
Date Collected: 12/04/19 13:52
Matrix: Solid
Date Received: 12/06/19 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	508893	12/09/19 15:49	WJD	TAL BUF

Client Sample ID: SAMPLE 4UST
Lab Sample ID: 480-163813-13
Date Collected: 12/04/19 13:52
Matrix: Solid
Date Received: 12/06/19 15:25
Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			509237	12/11/19 09:08	WJD	TAL BUF
Total/NA	Analysis	8260C		4	509448	12/12/19 14:37	LCH	TAL BUF
Total/NA	Prep	3550C			508877	12/09/19 15:01	SGD	TAL BUF
Total/NA	Analysis	8270D		5	509077	12/10/19 21:35	PJQ	TAL BUF
Total/NA	Prep	3050B			508809	12/10/19 14:13	ADM	TAL BUF
Total/NA	Analysis	6010C		1	509518	12/11/19 20:09	AMH	TAL BUF
Total/NA	Prep	7471B			509970	12/15/19 14:01	BMB	TAL BUF
Total/NA	Analysis	7471B		1	509976	12/15/19 15:23	BMB	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Laboratory References:

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

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF
5035A_H	Closed System Purge and Trap	SW846	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF

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

Sample Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-163813-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-163813-1	TP #4, 1-2	Solid	12/05/19 08:48	12/06/19 15:25	
480-163813-2	TP #3, 2-3	Solid	12/05/19 09:30	12/06/19 15:25	
480-163813-3	TP #5, 1-2	Solid	12/05/19 10:10	12/06/19 15:25	
480-163813-4	TP #6, 3-4	Solid	12/05/19 10:40	12/06/19 15:25	
480-163813-5	TP #9, 3	Solid	12/05/19 12:30	12/06/19 15:25	
480-163813-6	TP #1, 1-2	Solid	12/05/19 08:04	12/06/19 15:25	
480-163813-7	TP9 SURFACE	Solid	12/05/19 12:10	12/06/19 15:25	
480-163813-8	CHURCHSTREET BAYAREA	Solid	12/05/19 13:00	12/06/19 15:25	
480-163813-9	UST PARKING AREA	Solid	12/05/19 13:10	12/06/19 15:25	
480-163813-10	SAMPLE 1UST	Solid	12/04/19 10:43	12/06/19 15:25	
480-163813-11	SAMPLE 2UST	Solid	12/04/19 12:25	12/06/19 15:25	
480-163813-12	SAMPLE 3UST	Solid	12/04/19 14:23	12/06/19 15:25	
480-163813-13	SAMPLE 4UST	Solid	12/04/19 13:52	12/06/19 15:25	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Heather Geoghegan	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-138611-31178.1
Client Contact: Mr. Robert Napieralski	Phone: 585 409 1468	E-Mail: brian.fischer@testamericainc.com		Page: Page ~~1 of 2~~ 2 OF 2
Company: LaBella Associates DPC				Job #: 219307.1
Address: 300 Pearl Street Suite 130	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, M - Hexane, N - None, O - AsNaO2, P - Na2O4S
City: Buffalo	TAT Requested (days): STANDARD			
State, Zip: NY, 14202				
Phone: 716-551-6283(Tel)	PO #: Purchase Order not required			
Email: rnapieralski@labellapc.com	WO #:			
Project Name: Church Street Project	Project #: 48021314			
Site: Emkay Trading WCBC, North LLC	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B, Moisture	8082A, ~~8082B~~ PCBS	8260C - TCL list OLM04.2	8260C - CP-51 (STARS) List	6010C, 8270D, Moisture	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - TCL list OLM04.2	Total Number of c	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	D	A		
TP #4; 1-2'	12/5/19	0848	G	Solid	N		X	X	X			X				
TP #3; 2-3'	12/5/19	0930	G	Solid	N		X	X	X			X				
TP #5; 1-2'	12/5/19	1010	G	Solid	N		X	X	X			X				
TP #6; 3-4'	12/5/19	1040	G	Solid	N		X	X	X			X				
TP #9; ~3'	12/5/19	1230	G	Solid	N		X	X	X			X				
TP #1; 1-2'	12/5/19	0804	G	Solid	N		X	X	X			X				
MS	12/5/19	1010	G	Solid	N		X	X	X			X				
MD	12/5/19	1010	G	Solid	N		X	X	X			X				
TP9 Surface	12/5/19	1210	G	Solid	N		X	X				X				
Church Street Bay Area	12/5/19	1300	G	Solid	N		X	X				X				
UST Parking Area	12/5/19	1310	G	Solid	N		X	X				X				

480-163813 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) CAT B DELIVERABLES

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Heather Geoghegan	12/6/2019 1450	LaBella		12/6/19 1450	TAL
2		12/6/19 1525	TAL		12/6/19 1525	TAL
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 2.2, 2.5

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Heather Geoghegan	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-138611-31178.1
Client Contact: Mr. Robert Napieralski	Phone: Cell: 585 409 1468	E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 2
Company: LaBella Associates DPC				Job #: 2193071
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days): STANDARD			
State, Zip: NY, 14202				
Phone: 716-551-6283(Tel)	PO #: Purchase Order not required			
Email: rnapieralski@labellapc.com	WO #:			
Project Name: Church Street Project	Project #: 48021314			
Site: Enkay Trading WCBC North LLC	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B, Moisture	8082A, 8270D	8260C - TCL list OLM04.2	8260C - CP-51 (STARS) List	6010C, 8270D, Moisture (CP-51 SVOCs)	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	D	A		
Sample 1 UST	12/4/19	1043	G	Solid	N					X	X					RCRA METALS SHOULD
Sample 2 UST	12/4/19	1225	G	Solid	N					X	X					INCLUDE 7470A
Sample 3 UST	12/4/19	1423	G	Solid	N					X	X					ON ALL FOUR
Sample 4 UST	12/4/19	1352	G	Solid	N					X	X					SAMPLES
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify) CAT B DELIVERABLES

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		12/6/2019 1450	LaBella		12/6/19 1450	
2		12/6/19 1525	DAD			
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-163813-1

Login Number: 163813
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	FREEZE TIME 12/7/19 0800
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-165137-1
Client Project/Site: Church Street Project

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Robert Napieralski

Authorized for release by:
1/22/2020 3:34:41 PM
Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

Table of Contents

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD 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.
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery 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.

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)

Job ID: 480-165137-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-165137-1

Comments
No additional comments.

Receipt
The samples were received on 1/14/2020 11:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-513745 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detect and/or below the reporting limit (RL) for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW1 (480-165137-1), MW2 (480-165137-2) and MW3 (480-165137-3).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW2 (480-165137-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW3 (480-165137-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-513595 recovered above the upper control limit for 2-Hexanone, Chlorodibromomethane, 4-Methyl-2-pentanone (MIBK), Tetrachloroethene, 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, and 2-Butanone (MEK). The sample associated with this CCV was non-detect for the affected analytes; therefore, the data have been reported. The following sample is impacted: TRIP BLANK (480-165137-4).

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 was diluted to bring the concentration of target analytes within the calibration range: MW3 (480-165137-3). Elevated reporting limits (RLs) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW2 (480-165137-2). These results have been reported and qualified.

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

GC Semi VOA
Method 8082A: The following sample was diluted due to the nature of the sample matrix: MW3 (480-165137-3). Elevated reporting limits (RLs) are provided.

Method 8082A: The following sample was diluted due to the nature of the sample matrix : MW3 (480-165137-3). As such, surrogate recoveries are below the calibration range or are not reported, and 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.

Metals
Method 6010C: The Serial Dilution (480-165137-A-1-A SD ^5) in batch 480-513586, exhibited results outside the quality control limits for Total Barium and Chromium. However, the Post Digestion Spike was compliant so no corrective action was necessary.

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

Organic Prep

Job ID: 480-165137-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-513796.

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-513796.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Client Sample ID: MW1 — Lab Sample ID: 480-165137-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	26		5.0	2.2	ug/L	1		8270D	Total/NA
Arsenic	0.035		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	2.3		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0035	F1	0.0020	0.00050	mg/L	1		6010C	Total/NA
Chromium	0.049		0.0040	0.0010	mg/L	1		6010C	Total/NA
Lead	0.11		0.010	0.0030	mg/L	1		6010C	Total/NA
Mercury	0.0014		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: MW2 — Lab Sample ID: 480-165137-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	20	6.0	ug/L	2		8260C	Total/NA
Chloroform	1.3	J	2.0	0.68	ug/L	2		8260C	Total/NA
Caprolactam	21		5.2	2.3	ug/L	1		8270D	Total/NA
Arsenic	0.15		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	1.1		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00067	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Chromium	0.14		0.0040	0.0010	mg/L	1		6010C	Total/NA
Lead	0.18		0.010	0.0030	mg/L	1		6010C	Total/NA
Mercury	0.00018	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: MW3 — Lab Sample ID: 480-165137-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	43		10	4.1	ug/L	10		8260C	Total/NA
Cyclohexane	500		10	1.8	ug/L	10		8260C	Total/NA
Ethylbenzene	640		10	7.4	ug/L	10		8260C	Total/NA
Isopropylbenzene	100		10	7.9	ug/L	10		8260C	Total/NA
Methylcyclohexane	440		10	1.6	ug/L	10		8260C	Total/NA
Methylene Chloride	29		10	4.4	ug/L	10		8260C	Total/NA
Toluene	13		10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	210		20	6.6	ug/L	10		8260C	Total/NA
2-Methylnaphthalene	67		25	3.0	ug/L	5		8270D	Total/NA
Caprolactam	17	J	25	11	ug/L	5		8270D	Total/NA
Naphthalene	270		25	3.8	ug/L	5		8270D	Total/NA
Arsenic	0.038		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.56		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00052	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Chromium	0.023		0.0040	0.0010	mg/L	1		6010C	Total/NA
Lead	0.038		0.010	0.0030	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-165137-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Client Sample ID: MW1

Date Collected: 01/13/20 09:50
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			01/16/20 14:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/16/20 14:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/16/20 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/16/20 14:00	1
1,1-Dichloroethane	ND	F1	1.0	0.38	ug/L			01/16/20 14:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/16/20 14:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/20 14:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/16/20 14:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/20 14:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/16/20 14:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/16/20 14:00	1
1,3-Dichlorobenzene	ND	F1	1.0	0.78	ug/L			01/16/20 14:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/20 14:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/20 14:00	1
2-Hexanone	ND		5.0	1.2	ug/L			01/16/20 14:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/16/20 14:00	1
Acetone	ND		10	3.0	ug/L			01/16/20 14:00	1
Benzene	ND		1.0	0.41	ug/L			01/16/20 14:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/16/20 14:00	1
Bromoform	ND		1.0	0.26	ug/L			01/16/20 14:00	1
Bromomethane	ND	F2	1.0	0.69	ug/L			01/16/20 14:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/16/20 14:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/16/20 14:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/16/20 14:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/16/20 14:00	1
Chloroethane	ND		1.0	0.32	ug/L			01/16/20 14:00	1
Chloroform	ND		1.0	0.34	ug/L			01/16/20 14:00	1
Chloromethane	ND		1.0	0.35	ug/L			01/16/20 14:00	1
cis-1,2-Dichloroethene	ND	F1	1.0	0.81	ug/L			01/16/20 14:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/16/20 14:00	1
Cyclohexane	ND		1.0	0.18	ug/L			01/16/20 14:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/16/20 14:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/16/20 14:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/16/20 14:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/16/20 14:00	1
Methyl acetate	ND		2.5	1.3	ug/L			01/16/20 14:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/16/20 14:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/16/20 14:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/16/20 14:00	1
Styrene	ND		1.0	0.73	ug/L			01/16/20 14:00	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			01/16/20 14:00	1
Toluene	ND		1.0	0.51	ug/L			01/16/20 14:00	1
trans-1,2-Dichloroethene	ND	F1	1.0	0.90	ug/L			01/16/20 14:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/16/20 14:00	1
Trichloroethene	ND		1.0	0.46	ug/L			01/16/20 14:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/16/20 14:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/20 14:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/16/20 14:00	1

Client Sample ID: MW1

Date Collected: 01/13/20 09:50
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*01/16/20 14:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*01/16/20 14:00*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*01/16/20 14:00*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*01/16/20 14:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		01/16/20 08:58	01/17/20 21:51	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		01/16/20 08:58	01/17/20 21:51	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		01/16/20 08:58	01/17/20 21:51	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		01/16/20 08:58	01/17/20 21:51	1
2-Chlorophenol	ND		5.0	0.53	ug/L		01/16/20 08:58	01/17/20 21:51	1
2-Methylphenol	ND		5.0	0.40	ug/L		01/16/20 08:58	01/17/20 21:51	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		01/16/20 08:58	01/17/20 21:51	1
2-Nitroaniline	ND		10	0.42	ug/L		01/16/20 08:58	01/17/20 21:51	1
2-Nitrophenol	ND		5.0	0.48	ug/L		01/16/20 08:58	01/17/20 21:51	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		01/16/20 08:58	01/17/20 21:51	1
3-Nitroaniline	ND		10	0.48	ug/L		01/16/20 08:58	01/17/20 21:51	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Chloroaniline	ND		5.0	0.59	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Methylphenol	ND		10	0.36	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Nitroaniline	ND		10	0.25	ug/L		01/16/20 08:58	01/17/20 21:51	1
4-Nitrophenol	ND		10	1.5	ug/L		01/16/20 08:58	01/17/20 21:51	1
Acenaphthene	ND		5.0	0.41	ug/L		01/16/20 08:58	01/17/20 21:51	1
Acenaphthylene	ND		5.0	0.38	ug/L		01/16/20 08:58	01/17/20 21:51	1
Acetophenone	ND		5.0	0.54	ug/L		01/16/20 08:58	01/17/20 21:51	1
Anthracene	ND		5.0	0.28	ug/L		01/16/20 08:58	01/17/20 21:51	1
Atrazine	ND		5.0	0.46	ug/L		01/16/20 08:58	01/17/20 21:51	1
Benzaldehyde	ND		5.0	0.27	ug/L		01/16/20 08:58	01/17/20 21:51	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		01/16/20 08:58	01/17/20 21:51	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		01/16/20 08:58	01/17/20 21:51	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		01/16/20 08:58	01/17/20 21:51	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		01/16/20 08:58	01/17/20 21:51	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		01/16/20 08:58	01/17/20 21:51	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		01/16/20 08:58	01/17/20 21:51	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		01/16/20 08:58	01/17/20 21:51	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		01/16/20 08:58	01/17/20 21:51	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		01/16/20 08:58	01/17/20 21:51	1
Caprolactam	**26**		5.0	2.2	ug/L		01/16/20 08:58	01/17/20 21:51	1
Carbazole	ND		5.0	0.30	ug/L		01/16/20 08:58	01/17/20 21:51	1
Chrysene	ND		5.0	0.33	ug/L		01/16/20 08:58	01/17/20 21:51	1

Client Sample ID: MW1

Date Collected: 01/13/20 09:50
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		01/16/20 08:58	01/17/20 21:51	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		01/16/20 08:58	01/17/20 21:51	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		01/16/20 08:58	01/17/20 21:51	1
Dibenzofuran	ND		10	0.51	ug/L		01/16/20 08:58	01/17/20 21:51	1
Diethyl phthalate	ND		5.0	0.22	ug/L		01/16/20 08:58	01/17/20 21:51	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		01/16/20 08:58	01/17/20 21:51	1
Fluoranthene	ND		5.0	0.40	ug/L		01/16/20 08:58	01/17/20 21:51	1
Fluorene	ND		5.0	0.36	ug/L		01/16/20 08:58	01/17/20 21:51	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		01/16/20 08:58	01/17/20 21:51	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		01/16/20 08:58	01/17/20 21:51	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		01/16/20 08:58	01/17/20 21:51	1
Hexachloroethane	ND		5.0	0.59	ug/L		01/16/20 08:58	01/17/20 21:51	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		01/16/20 08:58	01/17/20 21:51	1
Isophorone	ND		5.0	0.43	ug/L		01/16/20 08:58	01/17/20 21:51	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		01/16/20 08:58	01/17/20 21:51	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		01/16/20 08:58	01/17/20 21:51	1
Naphthalene	ND		5.0	0.76	ug/L		01/16/20 08:58	01/17/20 21:51	1
Nitrobenzene	ND		5.0	0.29	ug/L		01/16/20 08:58	01/17/20 21:51	1
Pentachlorophenol	ND		10	2.2	ug/L		01/16/20 08:58	01/17/20 21:51	1
Phenanthrene	ND		5.0	0.44	ug/L		01/16/20 08:58	01/17/20 21:51	1
Phenol	ND		5.0	0.39	ug/L		01/16/20 08:58	01/17/20 21:51	1
Pyrene	ND		5.0	0.34	ug/L		01/16/20 08:58	01/17/20 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*01/16/20 08:58*	*01/17/20 21:51*	*1*
Phenol-d5 (Surr)	*49*		*22 - 120*	*01/16/20 08:58*	*01/17/20 21:51*	*1*
p-Terphenyl-d14 (Surr)	*78*		*60 - 148*	*01/16/20 08:58*	*01/17/20 21:51*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*41 - 120*	*01/16/20 08:58*	*01/17/20 21:51*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*01/16/20 08:58*	*01/17/20 21:51*	*1*
2-Fluorophenol (Surr)	*66*		*35 - 120*	*01/16/20 08:58*	*01/17/20 21:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 15:51	1
PCB-1221	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 15:51	1
PCB-1232	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 15:51	1
PCB-1242	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 15:51	1
PCB-1248	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 15:51	1
PCB-1254	ND		0.50	0.25	ug/L		01/15/20 15:18	01/16/20 15:51	1
PCB-1260	ND		0.50	0.25	ug/L		01/15/20 15:18	01/16/20 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*39 - 121*	*01/15/20 15:18*	*01/16/20 15:51*	*1*
DCB Decachlorobiphenyl	*43*		*19 - 120*	*01/15/20 15:18*	*01/16/20 15:51*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.035**		0.015	0.0056	mg/L		01/15/20 07:34	01/15/20 17:59	1
Barium	**2.3**		0.0020	0.00070	mg/L		01/15/20 07:34	01/15/20 17:59	1
Cadmium	**0.0035**	**F1**	0.0020	0.00050	mg/L		01/15/20 07:34	01/15/20 17:59	1

Client Sample ID: MW1

Lab Sample ID: 480-165137-1

Date Collected: 01/13/20 09:50

Matrix: Water

Date Received: 01/14/20 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.049**		0.0040	0.0010	mg/L		01/15/20 07:34	01/15/20 17:59	1
Lead	**0.11**		0.010	0.0030	mg/L		01/15/20 07:34	01/15/20 17:59	1
Selenium	ND	F1	0.025	0.0087	mg/L		01/15/20 07:34	01/15/20 17:59	1
Silver	ND		0.0060	0.0017	mg/L		01/15/20 07:34	01/15/20 17:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0014**		0.00020	0.00012	mg/L		01/16/20 11:44	01/16/20 15:05	1

Client Sample ID: MW2

Lab Sample ID: 480-165137-2

Date Collected: 01/13/20 12:56

Matrix: Water

Date Received: 01/14/20 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			01/16/20 14:23	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			01/16/20 14:23	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			01/16/20 14:23	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			01/16/20 14:23	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			01/16/20 14:23	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			01/16/20 14:23	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			01/16/20 14:23	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			01/16/20 14:23	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			01/16/20 14:23	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			01/16/20 14:23	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			01/16/20 14:23	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			01/16/20 14:23	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			01/16/20 14:23	2
2-Butanone (MEK)	ND		20	2.6	ug/L			01/16/20 14:23	2
2-Hexanone	ND		10	2.5	ug/L			01/16/20 14:23	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			01/16/20 14:23	2
Acetone	**11**	**J**	20	6.0	ug/L			01/16/20 14:23	2
Benzene	ND		2.0	0.82	ug/L			01/16/20 14:23	2
Bromodichloromethane	ND		2.0	0.78	ug/L			01/16/20 14:23	2
Bromoform	ND		2.0	0.52	ug/L			01/16/20 14:23	2
Bromomethane	ND		2.0	1.4	ug/L			01/16/20 14:23	2
Carbon disulfide	ND		2.0	0.38	ug/L			01/16/20 14:23	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			01/16/20 14:23	2
Chlorobenzene	ND		2.0	1.5	ug/L			01/16/20 14:23	2
Dibromochloromethane	ND		2.0	0.64	ug/L			01/16/20 14:23	2
Chloroethane	ND		2.0	0.64	ug/L			01/16/20 14:23	2
Chloroform	**1.3**	**J**	2.0	0.68	ug/L			01/16/20 14:23	2
Chloromethane	ND		2.0	0.70	ug/L			01/16/20 14:23	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			01/16/20 14:23	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			01/16/20 14:23	2
Cyclohexane	ND		2.0	0.36	ug/L			01/16/20 14:23	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			01/16/20 14:23	2
Ethylbenzene	ND		2.0	1.5	ug/L			01/16/20 14:23	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			01/16/20 14:23	2
Isopropylbenzene	ND		2.0	1.6	ug/L			01/16/20 14:23	2

Client Sample ID: MW2
Date Collected: 01/13/20 12:56
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			01/16/20 14:23	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			01/16/20 14:23	2
Methylcyclohexane	ND		2.0	0.32	ug/L			01/16/20 14:23	2
Methylene Chloride	ND		2.0	0.88	ug/L			01/16/20 14:23	2
Styrene	ND		2.0	1.5	ug/L			01/16/20 14:23	2
Tetrachloroethene	ND		2.0	0.72	ug/L			01/16/20 14:23	2
Toluene	ND		2.0	1.0	ug/L			01/16/20 14:23	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			01/16/20 14:23	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			01/16/20 14:23	2
Trichloroethene	ND		2.0	0.92	ug/L			01/16/20 14:23	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			01/16/20 14:23	2
Vinyl chloride	ND		2.0	1.8	ug/L			01/16/20 14:23	2
Xylenes, Total	ND		4.0	1.3	ug/L			01/16/20 14:23	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/16/20 14:23*	*2*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*01/16/20 14:23*	*2*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*01/16/20 14:23*	*2*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*01/16/20 14:23*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		01/16/20 08:58	01/17/20 22:19	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		01/16/20 08:58	01/17/20 22:19	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		01/16/20 08:58	01/17/20 22:19	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		01/16/20 08:58	01/17/20 22:19	1
2-Chlorophenol	ND		5.2	0.55	ug/L		01/16/20 08:58	01/17/20 22:19	1
2-Methylphenol	ND		5.2	0.42	ug/L		01/16/20 08:58	01/17/20 22:19	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		01/16/20 08:58	01/17/20 22:19	1
2-Nitroaniline	ND		10	0.44	ug/L		01/16/20 08:58	01/17/20 22:19	1
2-Nitrophenol	ND		5.2	0.50	ug/L		01/16/20 08:58	01/17/20 22:19	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		01/16/20 08:58	01/17/20 22:19	1
3-Nitroaniline	ND		10	0.50	ug/L		01/16/20 08:58	01/17/20 22:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Chloroaniline	ND		5.2	0.61	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Methylphenol	ND		10	0.38	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Nitroaniline	ND		10	0.26	ug/L		01/16/20 08:58	01/17/20 22:19	1
4-Nitrophenol	ND		10	1.6	ug/L		01/16/20 08:58	01/17/20 22:19	1
Acenaphthene	ND		5.2	0.43	ug/L		01/16/20 08:58	01/17/20 22:19	1
Acenaphthylene	ND		5.2	0.40	ug/L		01/16/20 08:58	01/17/20 22:19	1
Acetophenone	ND		5.2	0.56	ug/L		01/16/20 08:58	01/17/20 22:19	1

Client Sample ID: MW2

Date Collected: 01/13/20 12:56
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		5.2	0.29	ug/L		01/16/20 08:58	01/17/20 22:19	1
Atrazine	ND		5.2	0.48	ug/L		01/16/20 08:58	01/17/20 22:19	1
Benzaldehyde	ND		5.2	0.28	ug/L		01/16/20 08:58	01/17/20 22:19	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		01/16/20 08:58	01/17/20 22:19	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		01/16/20 08:58	01/17/20 22:19	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		01/16/20 08:58	01/17/20 22:19	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		01/16/20 08:58	01/17/20 22:19	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		01/16/20 08:58	01/17/20 22:19	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		01/16/20 08:58	01/17/20 22:19	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		01/16/20 08:58	01/17/20 22:19	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		01/16/20 08:58	01/17/20 22:19	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		01/16/20 08:58	01/17/20 22:19	1
Caprolactam	**21**		5.2	2.3	ug/L		01/16/20 08:58	01/17/20 22:19	1
Carbazole	ND		5.2	0.31	ug/L		01/16/20 08:58	01/17/20 22:19	1
Chrysene	ND		5.2	0.34	ug/L		01/16/20 08:58	01/17/20 22:19	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		01/16/20 08:58	01/17/20 22:19	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		01/16/20 08:58	01/17/20 22:19	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		01/16/20 08:58	01/17/20 22:19	1
Dibenzofuran	ND		10	0.53	ug/L		01/16/20 08:58	01/17/20 22:19	1
Diethyl phthalate	ND		5.2	0.23	ug/L		01/16/20 08:58	01/17/20 22:19	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		01/16/20 08:58	01/17/20 22:19	1
Fluoranthene	ND		5.2	0.42	ug/L		01/16/20 08:58	01/17/20 22:19	1
Fluorene	ND		5.2	0.38	ug/L		01/16/20 08:58	01/17/20 22:19	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		01/16/20 08:58	01/17/20 22:19	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		01/16/20 08:58	01/17/20 22:19	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		01/16/20 08:58	01/17/20 22:19	1
Hexachloroethane	ND		5.2	0.61	ug/L		01/16/20 08:58	01/17/20 22:19	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		01/16/20 08:58	01/17/20 22:19	1
Isophorone	ND		5.2	0.45	ug/L		01/16/20 08:58	01/17/20 22:19	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		01/16/20 08:58	01/17/20 22:19	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		01/16/20 08:58	01/17/20 22:19	1
Naphthalene	ND		5.2	0.79	ug/L		01/16/20 08:58	01/17/20 22:19	1
Nitrobenzene	ND		5.2	0.30	ug/L		01/16/20 08:58	01/17/20 22:19	1
Pentachlorophenol	ND		10	2.3	ug/L		01/16/20 08:58	01/17/20 22:19	1
Phenanthrene	ND		5.2	0.46	ug/L		01/16/20 08:58	01/17/20 22:19	1
Phenol	ND		5.2	0.41	ug/L		01/16/20 08:58	01/17/20 22:19	1
Pyrene	ND		5.2	0.35	ug/L		01/16/20 08:58	01/17/20 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*	*01/16/20 08:58*	*01/17/20 22:19*	*1*
Phenol-d5 (Surr)	*56*		*22 - 120*	*01/16/20 08:58*	*01/17/20 22:19*	*1*
p-Terphenyl-d14 (Surr)	*58*	*X*	*60 - 148*	*01/16/20 08:58*	*01/17/20 22:19*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*41 - 120*	*01/16/20 08:58*	*01/17/20 22:19*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*01/16/20 08:58*	*01/17/20 22:19*	*1*
2-Fluorophenol (Surr)	*72*		*35 - 120*	*01/16/20 08:58*	*01/17/20 22:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 16:04	1
PCB-1221	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 16:04	1

Client Sample ID: MW2

Lab Sample ID: 480-165137-2

Date Collected: 01/13/20 12:56

Matrix: Water

Date Received: 01/14/20 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 16:04	1
PCB-1242	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 16:04	1
PCB-1248	ND		0.50	0.18	ug/L		01/15/20 15:18	01/16/20 16:04	1
PCB-1254	ND		0.50	0.25	ug/L		01/15/20 15:18	01/16/20 16:04	1
PCB-1260	ND		0.50	0.25	ug/L		01/15/20 15:18	01/16/20 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*39 - 121*	*01/15/20 15:18*	*01/16/20 16:04*	*1*
DCB Decachlorobiphenyl	*27*		*19 - 120*	*01/15/20 15:18*	*01/16/20 16:04*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.15**		0.015	0.0056	mg/L		01/15/20 07:34	01/15/20 18:28	1
Barium	**1.1**		0.0020	0.00070	mg/L		01/15/20 07:34	01/15/20 18:28	1
Cadmium	**0.00067**	**J**	0.0020	0.00050	mg/L		01/15/20 07:34	01/15/20 18:28	1
Chromium	**0.14**		0.0040	0.0010	mg/L		01/15/20 07:34	01/15/20 18:28	1
Lead	**0.18**		0.010	0.0030	mg/L		01/15/20 07:34	01/15/20 18:28	1
Selenium	ND		0.025	0.0087	mg/L		01/15/20 07:34	01/15/20 18:28	1
Silver	ND		0.0060	0.0017	mg/L		01/15/20 07:34	01/15/20 18:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00018**	**J**	0.00020	0.00012	mg/L		01/16/20 11:44	01/16/20 15:10	1

Client Sample ID: MW3

Lab Sample ID: 480-165137-3

Date Collected: 01/13/20 12:30

Matrix: Water

Date Received: 01/14/20 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			01/16/20 14:46	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			01/16/20 14:46	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			01/16/20 14:46	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			01/16/20 14:46	10
1,1-Dichloroethane	ND		10	3.8	ug/L			01/16/20 14:46	10
1,1-Dichloroethene	ND		10	2.9	ug/L			01/16/20 14:46	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			01/16/20 14:46	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			01/16/20 14:46	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			01/16/20 14:46	10
1,2-Dichloroethane	ND		10	2.1	ug/L			01/16/20 14:46	10
1,2-Dichloropropane	ND		10	7.2	ug/L			01/16/20 14:46	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			01/16/20 14:46	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			01/16/20 14:46	10
2-Butanone (MEK)	ND		100	13	ug/L			01/16/20 14:46	10
2-Hexanone	ND		50	12	ug/L			01/16/20 14:46	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			01/16/20 14:46	10
Acetone	ND		100	30	ug/L			01/16/20 14:46	10
Benzene	**43**		10	4.1	ug/L			01/16/20 14:46	10
Bromodichloromethane	ND		10	3.9	ug/L			01/16/20 14:46	10
Bromoform	ND		10	2.6	ug/L			01/16/20 14:46	10
Bromomethane	ND		10	6.9	ug/L			01/16/20 14:46	10

Client Sample ID: MW3

Date Collected: 01/13/20 12:30
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		10	1.9	ug/L			01/16/20 14:46	10
Carbon tetrachloride	ND		10	2.7	ug/L			01/16/20 14:46	10
Chlorobenzene	ND		10	7.5	ug/L			01/16/20 14:46	10
Dibromochloromethane	ND		10	3.2	ug/L			01/16/20 14:46	10
Chloroethane	ND		10	3.2	ug/L			01/16/20 14:46	10
Chloroform	ND		10	3.4	ug/L			01/16/20 14:46	10
Chloromethane	ND		10	3.5	ug/L			01/16/20 14:46	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			01/16/20 14:46	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			01/16/20 14:46	10
Cyclohexane	**500**		10	1.8	ug/L			01/16/20 14:46	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/16/20 14:46	10
Ethylbenzene	**640**		10	7.4	ug/L			01/16/20 14:46	10
1,2-Dibromoethane	ND		10	7.3	ug/L			01/16/20 14:46	10
Isopropylbenzene	**100**		10	7.9	ug/L			01/16/20 14:46	10
Methyl acetate	ND		25	13	ug/L			01/16/20 14:46	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			01/16/20 14:46	10
Methylcyclohexane	**440**		10	1.6	ug/L			01/16/20 14:46	10
Methylene Chloride	**29**		10	4.4	ug/L			01/16/20 14:46	10
Styrene	ND		10	7.3	ug/L			01/16/20 14:46	10
Tetrachloroethene	ND		10	3.6	ug/L			01/16/20 14:46	10
Toluene	**13**		10	5.1	ug/L			01/16/20 14:46	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			01/16/20 14:46	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			01/16/20 14:46	10
Trichloroethene	ND		10	4.6	ug/L			01/16/20 14:46	10
Trichlorofluoromethane	ND		10	8.8	ug/L			01/16/20 14:46	10
Vinyl chloride	ND		10	9.0	ug/L			01/16/20 14:46	10
Xylenes, Total	**210**		20	6.6	ug/L			01/16/20 14:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*01/16/20 14:46*	*10*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*01/16/20 14:46*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*01/16/20 14:46*	*10*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*01/16/20 14:46*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,4-Dinitrophenol	ND		50	11	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		01/16/20 08:58	01/17/20 22:46	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
2-Chloronaphthalene	ND		25	2.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
2-Chlorophenol	ND		25	2.7	ug/L		01/16/20 08:58	01/17/20 22:46	5
2-Methylphenol	ND		25	2.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
2-Methylnaphthalene	**67**		25	3.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
2-Nitroaniline	ND		50	2.1	ug/L		01/16/20 08:58	01/17/20 22:46	5

Client Sample ID: MW3
Date Collected: 01/13/20 12:30
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		25	2.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
3-Nitroaniline	ND		50	2.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Chloroaniline	ND		25	3.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Methylphenol	ND		50	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Nitroaniline	ND		50	1.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
4-Nitrophenol	ND		50	7.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
Acenaphthene	ND		25	2.1	ug/L		01/16/20 08:58	01/17/20 22:46	5
Acenaphthylene	ND		25	1.9	ug/L		01/16/20 08:58	01/17/20 22:46	5
Acetophenone	ND		25	2.7	ug/L		01/16/20 08:58	01/17/20 22:46	5
Anthracene	ND		25	1.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
Atrazine	ND		25	2.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
Benzaldehyde	ND		25	1.3	ug/L		01/16/20 08:58	01/17/20 22:46	5
Benzo[a]anthracene	ND		25	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
Benzo[a]pyrene	ND		25	2.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		01/16/20 08:58	01/17/20 22:46	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		01/16/20 08:58	01/17/20 22:46	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		01/16/20 08:58	01/17/20 22:46	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
Caprolactam	**17**	**J**	25	11	ug/L		01/16/20 08:58	01/17/20 22:46	5
Carbazole	ND		25	1.5	ug/L		01/16/20 08:58	01/17/20 22:46	5
Chrysene	ND		25	1.7	ug/L		01/16/20 08:58	01/17/20 22:46	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		01/16/20 08:58	01/17/20 22:46	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
Dibenzofuran	ND		50	2.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
Diethyl phthalate	ND		25	1.1	ug/L		01/16/20 08:58	01/17/20 22:46	5
Dimethyl phthalate	ND		25	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
Fluoranthene	ND		25	2.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
Fluorene	ND		25	1.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
Hexachlorobenzene	ND		25	2.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
Hexachlorobutadiene	ND		25	3.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
Hexachloroethane	ND		25	3.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		01/16/20 08:58	01/17/20 22:46	5
Isophorone	ND		25	2.2	ug/L		01/16/20 08:58	01/17/20 22:46	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		01/16/20 08:58	01/17/20 22:46	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		01/16/20 08:58	01/17/20 22:46	5
Naphthalene	**270**		25	3.8	ug/L		01/16/20 08:58	01/17/20 22:46	5
Nitrobenzene	ND		25	1.5	ug/L		01/16/20 08:58	01/17/20 22:46	5
Pentachlorophenol	ND		50	11	ug/L		01/16/20 08:58	01/17/20 22:46	5
Phenanthrene	ND		25	2.2	ug/L		01/16/20 08:58	01/17/20 22:46	5

Client Sample ID: MW3

Lab Sample ID: 480-165137-3

Date Collected: 01/13/20 12:30

Matrix: Water

Date Received: 01/14/20 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		25	2.0	ug/L		01/16/20 08:58	01/17/20 22:46	5
Pyrene	ND		25	1.7	ug/L		01/16/20 08:58	01/17/20 22:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*01/16/20 08:58*	*01/17/20 22:46*	*5*
Phenol-d5 (Surr)	*55*		*22 - 120*	*01/16/20 08:58*	*01/17/20 22:46*	*5*
p-Terphenyl-d14 (Surr)	*75*		*60 - 148*	*01/16/20 08:58*	*01/17/20 22:46*	*5*
2,4,6-Tribromophenol (Surr)	*91*		*41 - 120*	*01/16/20 08:58*	*01/17/20 22:46*	*5*
2-Fluorobiphenyl	*104*		*48 - 120*	*01/16/20 08:58*	*01/17/20 22:46*	*5*
2-Fluorophenol (Surr)	*75*		*35 - 120*	*01/16/20 08:58*	*01/17/20 22:46*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5.0	1.8	ug/L		01/15/20 15:18	01/16/20 18:59	10
PCB-1221	ND		5.0	1.8	ug/L		01/15/20 15:18	01/16/20 18:59	10
PCB-1232	ND		5.0	1.8	ug/L		01/15/20 15:18	01/16/20 18:59	10
PCB-1242	ND		5.0	1.8	ug/L		01/15/20 15:18	01/16/20 18:59	10
PCB-1248	ND		5.0	1.8	ug/L		01/15/20 15:18	01/16/20 18:59	10
PCB-1254	ND		5.0	2.5	ug/L		01/15/20 15:18	01/16/20 18:59	10
PCB-1260	ND		5.0	2.5	ug/L		01/15/20 15:18	01/16/20 18:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*16*	*X*	*39 - 121*	*01/15/20 15:18*	*01/16/20 18:59*	*10*
DCB Decachlorobiphenyl	*0*	*X*	*19 - 120*	*01/15/20 15:18*	*01/16/20 18:59*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.038**		0.015	0.0056	mg/L		01/15/20 07:34	01/15/20 18:32	1
Barium	**0.56**		0.0020	0.00070	mg/L		01/15/20 07:34	01/15/20 18:32	1
Cadmium	**0.00052**	**J**	0.0020	0.00050	mg/L		01/15/20 07:34	01/15/20 18:32	1
Chromium	**0.023**		0.0040	0.0010	mg/L		01/15/20 07:34	01/15/20 18:32	1
Lead	**0.038**		0.010	0.0030	mg/L		01/15/20 07:34	01/15/20 18:32	1
Selenium	ND		0.025	0.0087	mg/L		01/15/20 07:34	01/15/20 18:32	1
Silver	ND		0.0060	0.0017	mg/L		01/15/20 07:34	01/15/20 18:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/16/20 11:44	01/16/20 15:12	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-165137-4

Date Collected: 01/13/20 09:50

Matrix: Water

Date Received: 01/14/20 11:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/15/20 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/15/20 14:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/15/20 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/15/20 14:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/15/20 14:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/15/20 14:45	1

Client Sample ID: TRIP BLANK
Date Collected: 01/13/20 09:50
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/15/20 14:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/15/20 14:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/15/20 14:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/15/20 14:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/15/20 14:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/15/20 14:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/15/20 14:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/15/20 14:45	1
2-Hexanone	ND		5.0	1.2	ug/L			01/15/20 14:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/15/20 14:45	1
Acetone	ND		10	3.0	ug/L			01/15/20 14:45	1
Benzene	ND		1.0	0.41	ug/L			01/15/20 14:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/15/20 14:45	1
Bromoform	ND		1.0	0.26	ug/L			01/15/20 14:45	1
Bromomethane	ND		1.0	0.69	ug/L			01/15/20 14:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/15/20 14:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/15/20 14:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/15/20 14:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/15/20 14:45	1
Chloroethane	ND		1.0	0.32	ug/L			01/15/20 14:45	1
Chloroform	ND		1.0	0.34	ug/L			01/15/20 14:45	1
Chloromethane	ND		1.0	0.35	ug/L			01/15/20 14:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/15/20 14:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/15/20 14:45	1
Cyclohexane	ND		1.0	0.18	ug/L			01/15/20 14:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/15/20 14:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/15/20 14:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/15/20 14:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/15/20 14:45	1
Methyl acetate	ND		2.5	1.3	ug/L			01/15/20 14:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/15/20 14:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/15/20 14:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/15/20 14:45	1
Styrene	ND		1.0	0.73	ug/L			01/15/20 14:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/15/20 14:45	1
Toluene	ND		1.0	0.51	ug/L			01/15/20 14:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/15/20 14:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/15/20 14:45	1
Trichloroethene	ND		1.0	0.46	ug/L			01/15/20 14:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/15/20 14:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/15/20 14:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/15/20 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/15/20 14:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*01/15/20 14:45*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*01/15/20 14:45*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*01/15/20 14:45*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-165137-1	MW1	95	102	113	107
480-165137-1 MS	MW1	95	100	115	100
480-165137-1 MSD	MW1	98	97	116	99
480-165137-2	MW2	97	95	116	102
480-165137-3	MW3	92	90	106	91
480-165137-4	TRIP BLANK	99	101	114	109
LCS 480-513595/5	Lab Control Sample	101	104	113	108
LCS 480-513745/5	Lab Control Sample	100	100	116	105
MB 480-513595/7	Method Blank	96	107	111	106
MB 480-513745/7	Method Blank	98	100	114	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-165137-1	MW1	85	49	78	76	92	66
480-165137-2	MW2	89	56	58 X	87	99	72
480-165137-3	MW3	92	55	75	91	104	75
LCS 480-513796/2-A	Lab Control Sample	94	61	100	101	93	73
LCSD 480-513796/3-A	Lab Control Sample Dup	101	62	107	111	100	77
MB 480-513796/1-A	Method Blank	79	47	96	70	83	61

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (39-121)	DCBP1 (19-120)
480-165137-1	MW1	64	43
480-165137-1 MS	MW1	66	38
480-165137-1 MSD	MW1	76	42
480-165137-2	MW2	51	27
480-165137-3	MW3	16 X	0 X
LCS 480-513696/2-A	Lab Control Sample	70	36
MB 480-513696/1-A	Method Blank	55	44

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

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

Lab Sample ID: MB 480-513595/7
Matrix: Water
Analysis Batch: 513595

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	ND		1F0	0F8.	u2/L			01/15/. 0 1. :10	1
1,1,. ,. -Tetrachloroethane	ND		1F0	0F. 1	u2/L			01/15/. 0 1. :10	1
1,1,. -Trichloroethane	ND		1F0	0F. 3	u2/L			01/15/. 0 1. :10	1
1,1,. -Trichloro-1,. ,. -triguoroethane	ND		1F0	0F31	u2/L			01/15/. 0 1. :10	1
1,1-Dichloroethane	ND		1F0	0F38	u2/L			01/15/. 0 1. :10	1
1,1-Dichloroethene	ND		1F0	0F. f	u2/L			01/15/. 0 1. :10	1
1,. ,4-Trichloroben9ene	ND		1F0	0F41	u2/L			01/15/. 0 1. :10	1
1,. -Dibroz o-3-Chloromromane	ND		1F0	0F3f	u2/L			01/15/. 0 1. :10	1
1,. -Dichloroben9ene	ND		1F0	0F7f	u2/L			01/15/. 0 1. :10	1
1,. -Dichloroethane	ND		1F0	0F. 1	u2/L			01/15/. 0 1. :10	1
1,. -Dichloromromane	ND		1F0	0F7.	u2/L			01/15/. 0 1. :10	1
1,3-Dichloroben9ene	ND		1F0	0F78	u2/L			01/15/. 0 1. :10	1
1,4-Dichloroben9ene	ND		1F0	0F84	u2/L			01/15/. 0 1. :10	1
. -Butanone p(MEK	ND		10	1F3	u2/L			01/15/. 0 1. :10	1
. -) eHanone	ND		5F0	1F.	u2/L			01/15/. 0 1. :10	1
4-(ethxl-. -mentanone p(IBEK	ND		5F0	. F1	u2/L			01/15/. 0 1. :10	1
Acetone	ND		10	3F0	u2/L			01/15/. 0 1. :10	1
Ben9ene	ND		1F0	0F41	u2/L			01/15/. 0 1. :10	1
Broz oyichloroz ethane	ND		1F0	0F3f	u2/L			01/15/. 0 1. :10	1
Broz ogprz	ND		1F0	0F. 6	u2/L			01/15/. 0 1. :10	1
Broz oz ethane	ND		1F0	0F6f	u2/L			01/15/. 0 1. :10	1
Carbon yisulgye	ND		1F0	0F1f	u2/L			01/15/. 0 1. :10	1
Carbon tetrachloriye	ND		1F0	0F. 7	u2/L			01/15/. 0 1. :10	1
Chloroben9ene	ND		1F0	0F75	u2/L			01/15/. 0 1. :10	1
Dibroz ochloroz ethane	ND		1F0	0F3.	u2/L			01/15/. 0 1. :10	1
Chloroethane	ND		1F0	0F3.	u2/L			01/15/. 0 1. :10	1
Chlorogprz	ND		1F0	0F34	u2/L			01/15/. 0 1. :10	1
Chloroz ethane	ND		1F0	0F35	u2/L			01/15/. 0 1. :10	1
cis-1,. -Dichloroethene	ND		1F0	0F81	u2/L			01/15/. 0 1. :10	1
cis-1,3-Dichloromromene	ND		1F0	0F36	u2/L			01/15/. 0 1. :10	1
CxclohHane	ND		1F0	0F18	u2/L			01/15/. 0 1. :10	1
Dichloroyiguoroz ethane	ND		1F0	0F68	u2/L			01/15/. 0 1. :10	1
Mthxlben9ene	ND		1F0	0F74	u2/L			01/15/. 0 1. :10	1
1,. -Dibroz oethane	ND		1F0	0F73	u2/L			01/15/. 0 1. :10	1
Isomromxlben9ene	ND		1F0	0F7f	u2/L			01/15/. 0 1. :10	1
(ethxl acetate	ND		. F5	1F3	u2/L			01/15/. 0 1. :10	1
(ethxl tert-butxl ether	ND		1F0	0F16	u2/L			01/15/. 0 1. :10	1
(ethxlcxclohHane	ND		1F0	0F16	u2/L			01/15/. 0 1. :10	1
(ethxlene Chloriye	ND		1F0	0F44	u2/L			01/15/. 0 1. :10	1
Stxrene	ND		1F0	0F73	u2/L			01/15/. 0 1. :10	1
Tetrachloroethene	ND		1F0	0F36	u2/L			01/15/. 0 1. :10	1
Toluene	ND		1F0	0F51	u2/L			01/15/. 0 1. :10	1
trans-1,. -Dichloroethene	ND		1F0	0Ff 0	u2/L			01/15/. 0 1. :10	1
trans-1,3-Dichloromromene	ND		1F0	0F37	u2/L			01/15/. 0 1. :10	1
Trichloroethene	ND		1F0	0F46	u2/L			01/15/. 0 1. :10	1
Trichloroguoroz ethane	ND		1F0	0F88	u2/L			01/15/. 0 1. :10	1
dinxl chloriye	ND		1F0	0Ff 0	u2/L			01/15/. 0 1. :10	1
Vxlenes, Total	ND		. F0	0F66	u2/L			01/15/. 0 1. :10	1

Murogns TestAz erica, Bugpalo

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

Lab Sample ID: MB 480-513595/7
Matrix: Water
Analysis Batch: 513595

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		01/15/20 12:10	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		01/15/20 12:10	1
4-Bromofluorobenzene (Surr)	111		73 - 120		01/15/20 12:10	1
Dibromofluoromethane (Surr)	106		75 - 123		01/15/20 12:10	1

Lab Sample ID: LCS 480-513595/5
Matrix: Water
Analysis Batch: 513595

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-Trichloroethane	. 5f0	. f f0		u2/L		116	73 - 1. 6
1,1,. ,. -Tetrachloroethane	. 5f0	. 4f7		u2/L		f f	76 - 1. 0
1,1,. -Trichloroethane	. 5f0	. 6ff		u2/L		108	76 - 1. .
1,1,. -Trichloro-1,. ,. -triguoroetha ne	. 5f0	3. f0		u2/L		1. 8	61 - 148
1,1-Dichloroethane	. 5f0	. 7f5		u2/L		110	77 - 1. 0
1,1-Dichloroethene	. 5f0	. 6f4		u2/L		106	66 - 1. 7
1,. ,4-Trichloroben9ene	. 5f0	. 4f4		u2/L		f 8	7f - 1. .
1,. -Dibroz o-3-Chloromromane	. 5f0	. . F.		u2/L		8f	56 - 134
1,. -Dichloroben9ene	. 5f0	. 6f0		u2/L		104	80 - 1. 4
1,. -Dichloroethane	. 5f0	. 7f7		u2/L		111	75 - 1. 0
1,. -Dichloromromane	. 5f0	. 7ff		u2/L		11.	76 - 1. 0
1,3-Dichloroben9ene	. 5f0	. 6f5		u2/L		106	77 - 1. 0
1,4-Dichloroben9ene	. 5f0	. 6f4		u2/L		106	80 - 1. 0
. -Butanone p(MEK	1. 5	171		u2/L		137	57 - 140
. -) el-anone	1. 5	145		u2/L		116	65 - 1. 7
4-(ethxl-. -mentanone p(IBEK	1. 5	144		u2/L		115	71 - 1. 5
Acetone	1. 5	175		u2/L		140	56 - 14.
Ben9ene	. 5f0	. 7f0		u2/L		108	71 - 1. 4
Broz oyichloroz ethane	. 5f0	. f F.		u2/L		117	80 - 1. .
Broz ogprz	. 5f0	. f f3		u2/L		117	61 - 13.
Broz oz ethane	. 5f0	. . ff		u2/L		f .	55 - 144
Carbon yisulgye	. 5f0	. 6f6		u2/L		106	5f - 134
Carbon tetrachloriye	. 5f0	. f F.		u2/L		117	7. - 134
Chloroben9ene	. 5f0	. 6f5		u2/L		106	80 - 1. 0
Dibroz ochloroz ethane	. 5f0	. 7f7		u2/L		111	75 - 1. 5
Chloroethane	. 5f0	. . F.		u2/L		8f	6f - 136
Chlorogprz	. 5f0	. 5f8		u2/L		103	73 - 1. 7
Chloroz ethane	. 5f0	. 3f7		u2/L		f 5	68 - 1. 4
cis-1,. -Dichloroethene	. 5f0	. 7f6		u2/L		110	74 - 1. 4
cis-1,3-Dichloromromene	. 5f0	. 8f1		u2/L		11.	74 - 1. 4
Cxclohel-ane	. 5f0	. 8ff		u2/L		115	5f - 135
Dichloroyiguoroz ethane	. 5f0	. 0f5		u2/L		8.	5f - 135
Mthxlben9ene	. 5f0	. 6f4		u2/L		105	77 - 1. 3
1,. -Dibroz oethane	. 5f0	. 7f4		u2/L		110	77 - 1. 0
Isomromxlben9ene	. 5f0	. 4f8		u2/L		f f	77 - 1. .
(ethxl acetate	50f0	61ff		u2/L		1. 4	74 - 133
(ethxl tert-butxl ether	. 5f0	. 4f7		u2/L		f f	77 - 1. 0
(ethxlcxclohel-ane	. 5f0	. 7ff		u2/L		11.	68 - 134

Murogns TestAz erica, Bugalo

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

Lab Sample ID: LCS 480-513595/5
Matrix: Water
Analysis Batch: 513595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
(ethxlene Chloriye	. 5f0	. 7f0		u2/L		108	75 - 1. 4
Stxrene	. 5f0	. 6f8		u2/L		107	80 - 1. 0
Tetrachloroethene	. 5f0	. 8f6		u2/L		114	74 - 1. .
Toluene	. 5f0	. 6F.		u2/L		105	80 - 1. .
trans-1,. -Dichloroethene	. 5f0	. 6ff		u2/L		108	73 - 1. 7
trans-1,3-Dichloromromene	. 5f0	. 7F.		u2/L		10f	80 - 1. 0
Trichloroethene	. 5f0	. 7f7		u2/L		111	74 - 1. 3
Trichlorogluoroz ethane	. 5f0	. 8f8		u2/L		115	6. - 150
dinxl chloriye	. 5f0	. . ff		u2/L		f .	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*

Lab Sample ID: MB 480-513745/7
Matrix: Water
Analysis Batch: 513745

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	ND		1f0	0f8.	u2/L			01/16/. 0 11:1.	1
1,1,. ,. -Tetrachloroethane	ND		1f0	0F. 1	u2/L			01/16/. 0 11:1.	1
1,1,. -Trichloroethane	ND		1f0	0F. 3	u2/L			01/16/. 0 11:1.	1
1,1,. -Trichloro-1,. ,. -triguoroethane	ND		1f0	0f31	u2/L			01/16/. 0 11:1.	1
1,1-Dichloroethane	ND		1f0	0f38	u2/L			01/16/. 0 11:1.	1
1,1-Dichloroethene	ND		1f0	0F. f	u2/L			01/16/. 0 11:1.	1
1,. ,4-Trichloroben9ene	ND		1f0	0f41	u2/L			01/16/. 0 11:1.	1
1,. -Dibroz o-3-Chloromromane	ND		1f0	0f3f	u2/L			01/16/. 0 11:1.	1
1,. -Dichloroben9ene	ND		1f0	0f7f	u2/L			01/16/. 0 11:1.	1
1,. -Dichloroethane	ND		1f0	0F. 1	u2/L			01/16/. 0 11:1.	1
1,. -Dichloromromane	ND		1f0	0f7.	u2/L			01/16/. 0 11:1.	1
1,3-Dichloroben9ene	ND		1f0	0f78	u2/L			01/16/. 0 11:1.	1
1,4-Dichloroben9ene	ND		1f0	0f84	u2/L			01/16/. 0 11:1.	1
. -Butanone p(MEK	ND		10	1f3	u2/L			01/16/. 0 11:1.	1
. -) el-anone	ND		5f0	1F.	u2/L			01/16/. 0 11:1.	1
4-(ethxl-. -mentanone p(IBEK	ND		5f0	. f1	u2/L			01/16/. 0 11:1.	1
Acetone	ND		10	3f0	u2/L			01/16/. 0 11:1.	1
Ben9ene	ND		1f0	0f41	u2/L			01/16/. 0 11:1.	1
Broz oyichloroz ethane	ND		1f0	0f3f	u2/L			01/16/. 0 11:1.	1
Broz ogprz	ND		1f0	0F. 6	u2/L			01/16/. 0 11:1.	1
Broz oz ethane	ND		1f0	0f6f	u2/L			01/16/. 0 11:1.	1
Carbon yisulgye	ND		1f0	0f1f	u2/L			01/16/. 0 11:1.	1
Carbon tetrachloriye	ND		1f0	0F. 7	u2/L			01/16/. 0 11:1.	1
Chloroben9ene	ND		1f0	0f75	u2/L			01/16/. 0 11:1.	1
Dibroz ochloroz ethane	ND		1f0	0f3.	u2/L			01/16/. 0 11:1.	1
Chloroethane	ND		1f0	0f3.	u2/L			01/16/. 0 11:1.	1
Chlorogprz	ND		1f0	0f34	u2/L			01/16/. 0 11:1.	1

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

Lab Sample ID: MB 480-513745/7
Matrix: Water
Analysis Batch: 513745

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroz ethane	ND		1F0	0F35	u2/L			01/16/. 0 11:1.	1
cis-1,. -Dichloroethene	ND		1F0	0F81	u2/L			01/16/. 0 11:1.	1
cis-1,3-Dichloromromene	ND		1F0	0F36	u2/L			01/16/. 0 11:1.	1
CxcloheHane	ND		1F0	0F18	u2/L			01/16/. 0 11:1.	1
Dichloroyiguoroz ethane	ND		1F0	0F68	u2/L			01/16/. 0 11:1.	1
Mthxlben9ene	ND		1F0	0F74	u2/L			01/16/. 0 11:1.	1
1,. -Dibroz oethane	ND		1F0	0F73	u2/L			01/16/. 0 11:1.	1
Isomromxlben9ene	ND		1F0	0F7f	u2/L			01/16/. 0 11:1.	1
(ethxl acetate	ND		. F5	1F3	u2/L			01/16/. 0 11:1.	1
(ethxl tert-butxl ether	ND		1F0	0F16	u2/L			01/16/. 0 11:1.	1
(ethxlcxcloheHane	ND		1F0	0F16	u2/L			01/16/. 0 11:1.	1
(ethxlene Chloriye	ND		1F0	0F44	u2/L			01/16/. 0 11:1.	1
Stxrene	ND		1F0	0F73	u2/L			01/16/. 0 11:1.	1
Tetrachloroethene	ND		1F0	0F36	u2/L			01/16/. 0 11:1.	1
Toluene	ND		1F0	0F51	u2/L			01/16/. 0 11:1.	1
trans-1,. -Dichloroethene	ND		1F0	0Ff 0	u2/L			01/16/. 0 11:1.	1
trans-1,3-Dichloromromene	ND		1F0	0F37	u2/L			01/16/. 0 11:1.	1
Trichloroethene	ND		1F0	0F46	u2/L			01/16/. 0 11:1.	1
Trichloroguoroz ethane	ND		1F0	0F88	u2/L			01/16/. 0 11:1.	1
dinxl chloriye	ND		1F0	0Ff 0	u2/L			01/16/. 0 11:1.	1
Vxlenes, Total	ND		. F0	0F66	u2/L			01/16/. 0 11:1.	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/16/20 11:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*01/16/20 11:12*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*01/16/20 11:12*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*01/16/20 11:12*	*1*

Lab Sample ID: LCS 480-513745/5
Matrix: Water
Analysis Batch: 513745

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-Trichloroethane	. 5F0	. 7F1		u2/L		108	73 - 1. 6
1,1,. ,. -Tetrachloroethane	. 5F0	. 3F0		u2/L		f .	76 - 1. 0
1,1,. -Trichloroethane	. 5F0	. 6F3		u2/L		105	76 - 1. .
1,1,. -Trichloro-1,. ,. -triguoroetha ne	. 5F0	. f F4		u2/L		117	61 - 148
1,1-Dichloroethane	. 5F0	. 5F3		u2/L		101	77 - 1. 0
1,1-Dichloroethene	. 5F0	. 3F8		u2/L		f 5	66 - 1. 7
1,. ,4-Trichloroben9ene	. 5F0	. 5F1		u2/L		100	7f - 1. .
1,. -Dibroz o-3-Chloromromane	. 5F0	. . F6		u2/L		f 0	56 - 134
1,. -Dichloroben9ene	. 5F0	. 5F7		u2/L		103	80 - 1. 4
1,. -Dichloroethane	. 5F0	. 5Ff		u2/L		104	75 - 1. 0
1,. -Dichloromromane	. 5F0	. 5F3		u2/L		101	76 - 1. 0
1,3-Dichloroben9ene	. 5F0	. 4Ff		u2/L		100	77 - 1. 0
1,4-Dichloroben9ene	. 5F0	. 5F1		u2/L		100	80 - 1. 0
. -Butanone p(MEK	1. 5	15.		u2/L		1. 1	57 - 140
. -) eHanone	1. 5	138		u2/L		111	65 - 1. 7

Murogns TestAz erica, Bugalo

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

Lab Sample ID: LCS 480-513745/5
Matrix: Water
Analysis Batch: 513745

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-(ethxl-. -mentanone p(IBEK	1. 5	138		u2/L		110	71 - 1. 5
Acetone	1. 5	14.		u2/L		113	56 - 14.
Ben9ene	. 5f0	. 5f7		u2/L		103	71 - 1. 4
Broz oyichloroz ethane	. 5f0	. 6f1		u2/L		104	80 - 1. .
Broz ogprz	. 5f0	. f f7		u2/L		11f	61 - 13.
Broz oz ethane	. 5f0	. 3ff		u2/L		f 5	55 - 144
Carbon yisulgye	. 5f0	. 4f4		u2/L		f 8	5f - 134
Carbon tetrachloriye	. 5f0	. 6f3		u2/L		105	7. - 134
Chloroben9ene	. 5f0	. 6f1		u2/L		104	80 - 1. 0
Dibroz ochloroz ethane	. 5f0	. 7f1		u2/L		10f	75 - 1. 5
Chloroethane	. 5f0	. . f4		u2/L		f 0	6f - 136
Chlorogprz	. 5f0	. 3f7		u2/L		f 5	73 - 1. 7
Chloroz ethane	. 5f0	. . f8		u2/L		f 1	68 - 1. 4
cis-1,. -Dichloroethene	. 5f0	. 6f5		u2/L		106	74 - 1. 4
cis-1,3-Dichloromromene	. 5f0	. 6f6		u2/L		106	74 - 1. 4
CxclohelHane	. 5f0	. 6f5		u2/L		106	5f - 135
Dichloroyiguoroz ethane	. 5f0	18f8		u2/L		75	5f - 135
Mthxlben9ene	. 5f0	. 5f5		u2/L		10.	77 - 1. 3
1,. -Dibroz oethane	. 5f0	. 6f7		u2/L		107	77 - 1. 0
Isomromxlben9ene	. 5f0	. 4F.		u2/L		f 7	77 - 1. .
(ethxl acetate	50f0	56F.		u2/L		11.	74 - 133
(ethxl tert-butxl ether	. 5f0	. 3ff		u2/L		f 6	77 - 1. 0
(ethxlcxclohelHane	. 5f0	. 5f7		u2/L		103	68 - 134
(ethxlene Chloriye	. 5f0	. 5f8		u2/L		103	75 - 1. 4
Stxrene	. 5f0	. 6f0		u2/L		104	80 - 1. 0
Tetrachloroethene	. 5f0	. 8f7		u2/L		115	74 - 1. .
Toluene	. 5f0	. 5f3		u2/L		101	80 - 1. .
trans-1,. -Dichloroethene	. 5f0	. 5f7		u2/L		103	73 - 1. 7
trans-1,3-Dichloromromene	. 5f0	. 5f8		u2/L		103	80 - 1. 0
Trichloroethene	. 5f0	. 6f5		u2/L		106	74 - 1. 3
Trichlorogluoroz ethane	. 5f0	. 8f0		u2/L		11.	6. - 150
dinxl chloriye	. 5f0	. 3f4		u2/L		f 4	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513745

Client Sample ID: MW1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	X1	. 5f0	33f4	X1	u2/L		134	73 - 1. 6
1,1,. ,. -Tetrachloroethane	ND		. 5f0	. 6f3		u2/L		105	76 - 1. 0
1,1,. -Trichloroethane	ND		. 5f0	. 8f5		u2/L		114	76 - 1. .
1,1,. -Trichloro-1,. ,. -triguoroetha ne	ND		. 5f0	35F.		u2/L		141	61 - 148

Murogns TestAz erica, Buggalo

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

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513745

Client Sample ID: MW1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND	X1	. 5f0	30f5	X1	u2/L		1. .	77 - 1. 0
1,1-Dichloroethene	ND		. 5f0	30f3		u2/L		1. 1	66 - 1. 7
1,. ,4-Trichloroben9ene	ND		. 5f0	. f f5		u2/L		118	7f - 1. .
1,. -Dibroz o-3-Chloromromane	ND		. 5f0	. 3f7		u2/L		f 5	56 - 134
1,. -Dichloroben9ene	ND		. 5f0	30f7		u2/L		1. 3	80 - 1. 4
1,. -Dichloroethane	ND		. 5f0	. f f8		u2/L		11f	75 - 1. 0
1,. -Dichloromromane	ND		. 5f0	. f F.		u2/L		117	76 - 1. 0
1,3-Dichloroben9ene	ND	X1	. 5f0	30f4	X1	u2/L		1. .	77 - 1. 0
1,4-Dichloroben9ene	ND		. 5f0	. f f5		u2/L		118	78 - 1. 4
. -Butanone p(MEK	ND		1. 5	150		u2/L		1. 0	57 - 140
. -) eH-anone	ND		1. 5	141		u2/L		11.	65 - 1. 7
4-(ethxl-. -mentanone p(IBEK	ND		1. 5	144		u2/L		115	71 - 1. 5
Acetone	ND		1. 5	143		u2/L		114	56 - 14.
Ben9ene	ND		. 5f0	30f4		u2/L		1. .	71 - 1. 4
Broz oyichloroz ethane	ND		. 5f0	30f1		u2/L		1. 1	80 - 1. .
Broz ogprz	ND		. 5f0	. f f5		u2/L		118	61 - 13.
Broz oz ethane	ND	X.	. 5f0	. 1f3		u2/L		85	55 - 144
Carbon yisulgye	ND		. 5f0	. f f0		u2/L		116	5f - 134
Carbon tetrachloriye	ND		. 5f0	3. f6		u2/L		130	7. - 134
Chloroben9ene	ND		. 5f0	. f f1		u2/L		116	80 - 1. 0
Dibroz ochloroz ethane	ND		. 5f0	. f f0		u2/L		116	75 - 1. 5
Chloroethane	ND		. 5f0	. 3F.		u2/L		f 3	6f - 136
Chlorogprz	ND		. 5f0	. 8f8		u2/L		115	73 - 1. 7
Chloroz ethane	ND		. 5f0	. . ff		u2/L		f 1	68 - 1. 4
cis-1,. -Dichloroethene	ND	X1	. 5f0	31f4	X1	u2/L		1. 6	74 - 1. 4
cis-1,3-Dichloromromene	ND		. 5f0	. 8f5		u2/L		114	74 - 1. 4
CxclohoH-ane	ND		. 5f0	31f1		u2/L		1. 4	5f - 135
Dichloroyigluoroz ethane	ND		. 5f0	17f5		u2/L		70	5f - 135
Mthxlben9ene	ND		. 5f0	30F.		u2/L		1. 1	77 - 1. 3
1,. -Dibroz oethane	ND		. 5f0	. 8f0		u2/L		11.	77 - 1. 0
Isomromxlben9ene	ND		. 5f0	. f F.		u2/L		117	77 - 1. .
(ethxl acetate	ND		50f0	5f f0		u2/L		118	74 - 133
(ethxl tert-butxl ether	ND		. 5f0	. 6F.		u2/L		105	77 - 1. 0
(ethxlcxclohoH-ane	ND		. 5f0	30f3		u2/L		1. 1	68 - 134
(ethxlene Chloriye	ND		. 5f0	. f ff		u2/L		11f	75 - 1. 4
Stxrene	ND		. 5f0	. f f1		u2/L		116	80 - 1. 0
Tetrachloroethene	ND	X1	. 5f0	34f5	X1	u2/L		138	74 - 1. .
Toluene	ND		. 5f0	30f1		u2/L		1. 0	80 - 1. .
trans-1,. -Dichloroethene	ND	X1	. 5f0	31ff	X1	u2/L		1. 8	73 - 1. 7
trans-1,3-Dichloromromene	ND		. 5f0	. 8f0		u2/L		11.	80 - 1. 0
Trichloroethene	ND		. 5f0	30f8		u2/L		1. 3	74 - 1. 3
Trichlorogluoroz ethane	ND		. 5f0	. f f1		u2/L		117	6. - 150
dinxl chloriye	ND		. 5f0	. 3f0		u2/L		f .	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*

Murogns TestAz erica, Bugalo

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

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513745

Client Sample ID: MW1
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: 480-165137-1 MSD
Matrix: Water
Analysis Batch: 513745

Client Sample ID: MW1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	X1	. 5f0	. f f5		u2/L		118	73 - 1. 6	1.	15
1,1,. ,. -Tetrachloroethane	ND		. 5f0	. 4f.		u2/L		f 7	76 - 1. 0	8	15
1,1,. -Trichloroethane	ND		. 5f0	. 8f0		u2/L		11.	76 - 1. .	.	15
1,1,. -Trichloro-1,. ,. -triguoroetha ne	ND		. 5f0	31f8		u2/L		1. 7	61 - 148	10	. 0
1,1-Dichloroethane	ND	X1	. 5f0	. 8f0		u2/L		11.	77 - 1. 0	f	. 0
1,1-Dichloroethene	ND		. 5f0	. 7f0		u2/L		108	66 - 1. 7	1.	16
1,. ,4-Trichloroben9ene	ND		. 5f0	. 5f6		u2/L		10.	7f - 1. .	14	. 0
1,. -Dibroz o-3-Chloromromane	ND		. 5f0	. 1f6		u2/L		86	56 - 134	f	15
1,. -Dichloroben9ene	ND		. 5f0	. 7f4		u2/L		110	80 - 1. 4	11	. 0
1,. -Dichloroethane	ND		. 5f0	. 7f0		u2/L		108	75 - 1. 0	10	. 0
1,. -Dichloromromane	ND		. 5f0	. 7f6		u2/L		111	76 - 1. 0	5	. 0
1,3-Dichloroben9ene	ND	X1	. 5f0	. 7f7		u2/L		111	77 - 1. 0	f	. 0
1,4-Dichloroben9ene	ND		. 5f0	. 7f3		u2/L		10f	78 - 1. 4	8	. 0
. -Butanone p(MEK	ND		1. 5	15.		u2/L		1. .	57 - 140	.	. 0
. -) eH-anone	ND		1. 5	140		u2/L		11.	65 - 1. 7	0	15
4-(ethxl-. -mentanone p(IBEK	ND		1. 5	144		u2/L		115	71 - 1. 5	0	35
Acetone	ND		1. 5	143		u2/L		115	56 - 14.	0	15
Ben9ene	ND		. 5f0	. 8f.		u2/L		113	71 - 1. 4	8	13
Broz oyichloroz ethane	ND		. 5f0	. 8f4		u2/L		114	80 - 1. .	6	15
Broz ogprz	ND		. 5f0	. 7f5		u2/L		110	61 - 13.	7	15
Broz oz ethane	ND	X.	. 5f0	. 4ff	X.	u2/L		100	55 - 144	16	15
Carbon yisulgye	ND		. 5f0	. 6ff		u2/L		108	5f - 134	8	15
Carbon tetrachloriye	ND		. 5f0	30f0		u2/L		1. 0	7. - 134	8	15
Chloroben9ene	ND		. 5f0	. 8f.		u2/L		113	80 - 1. 0	3	. 5
Dibroz ochloroz ethane	ND		. 5f0	. 7ff		u2/L		11.	75 - 1. 5	4	15
Chloroethane	ND		. 5f0	. 3f4		u2/L		f 4	6f - 136	1	15
Chlorogprz	ND		. 5f0	. 5ff		u2/L		104	73 - 1. 7	11	. 0
Chloroz ethane	ND		. 5f0	. 3f6		u2/L		f 4	68 - 1. 4	3	15
cis-1,. -Dichloroethene	ND	X1	. 5f0	. 7f5		u2/L		110	74 - 1. 4	13	15
cis-1,3-Dichloromromene	ND		. 5f0	. 6f4		u2/L		106	74 - 1. 4	8	15
CxclohH-ane	ND		. 5f0	. 8f1		u2/L		11.	5f - 135	10	. 0
Dichloroyiguoroz ethane	ND		. 5f0	18f0		u2/L		7.	5f - 135	3	. 0
Mthxlben9ene	ND		. 5f0	. f f1		u2/L		116	77 - 1. 3	4	15
1,. -Dibroz oethane	ND		. 5f0	. 8f5		u2/L		114	77 - 1. 0	.	15
Isomromxlben9ene	ND		. 5f0	. 6f8		u2/L		107	77 - 1. .	f	. 0
(ethxl acetate	ND		50f0	55ff		u2/L		11.	74 - 133	5	. 0
(ethxl tert-butxl ether	ND		. 5f0	. 3f5		u2/L		f 4	77 - 1. 0	11	37
(ethxlcxclohH-ane	ND		. 5f0	. 7f0		u2/L		108	68 - 134	1.	. 0
(ethxlene Chloriye	ND		. 5f0	. 8f6		u2/L		114	75 - 1. 4	4	15
Stxrene	ND		. 5f0	. 7f4		u2/L		110	80 - 1. 0	6	. 0
Tetrachloroethene	ND	X1	. 5f0	3. f3	X1	u2/L		1. f	74 - 1. .	7	. 0

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

Lab Sample ID: 480-165137-1 MSD
Matrix: Water
Analysis Batch: 513745

Client Sample ID: MW1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		. 5f0	. 8F.		u2/L		113	80 - 1. .	6	15
trans-1,. -Dichloroethene	ND	X1	. 5f0	. 8f6		u2/L		114	73 - 1. 7	11	. 0
trans-1,3-Dichloromromene	ND		. 5f0	. 7F.		u2/L		10f	80 - 1. 0	3	15
Trichloroethene	ND		. 5f0	. 8f0		u2/L		11.	74 - 1. 3	10	16
Trichlorogluoroz ethane	ND		. 5f0	. 8f8		u2/L		115	6. - 150	1	. 0
dinxl chloriye	ND		. 5f0	. 4f6		u2/L		f 8	65 - 133	7	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

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

Lab Sample ID: MB 480-513796/1-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bimhenxl	ND		5f0	0f65	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
bis p -chloroisomromxlKether	ND		5f0	0f5.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,4,5-Trichloromhenol	ND		5f0	0f48	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,4,6-Trichloromhenol	ND		5f0	0f61	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,4-Dichloromhenol	ND		5f0	0f51	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,4-Diz ethxlmhenol	ND		5f0	0f50	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,4-Dinitromhenol	ND		10	. F.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,4-Dinitrotoluene	ND		5f0	0f45	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. ,6-Dinitrotoluene	ND		5f0	0f40	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. -Chloronamhthalene	ND		5f0	0f46	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. -Chloromhenol	ND		5f0	0f53	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. -(ethxlmhenol	ND		5f0	0f40	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. -(ethxlnamhthalene	ND		5f0	0f60	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. -Nitroaniline	ND		10	0f4.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
. -Nitromhenol	ND		5f0	0f48	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
3,3'-Dichloroben9iyine	ND		5f0	0f40	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
3-Nitroaniline	ND		10	0f48	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4,6-Dinitro-. -z ethxlmhenol	ND		10	. F.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-Broz omhenxl mhenxl ether	ND		5f0	0f45	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-Chloro-3-z ethxlmhenol	ND		5f0	0f45	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-Chloroaniline	ND		5f0	0f5f	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-Chloromhenxl mhenxl ether	ND		5f0	0f35	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-(ethxlmhenol	ND		10	0f36	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-Nitroaniline	ND		10	0F. 5	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
4-Nitromhenol	ND		10	1f5	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Acenamhthene	ND		5f0	0f41	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Acenamhthxlene	ND		5f0	0f38	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Acetomhenone	ND		5f0	0f54	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Anthracene	ND		5f0	0F. 8	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1

Murogns TestAz erica, Bugalo

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

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

Lab Sample ID: MB 480-513796/1-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atra9ine	ND		5f0	0F46	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Ben9alyehxye	ND		5f0	0F. 7	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Ben9o[a]anthracene	ND		5f0	0F36	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Ben9o[a]mxrene	ND		5f0	0F47	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Ben9o[b]guoranthene	ND		5f0	0F34	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Ben9o[2,h,i]merxlene	ND		5f0	0F35	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Ben9o[k]guoranthene	ND		5f0	0F73	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Bisp -chloroethoHkkz ethane	ND		5f0	0F35	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Bisp -chloroethxlHether	ND		5f0	0F40	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Bisp -ethxlheHklKmthalate	ND		5f0	. F.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Butxl ben9xl mthalate	ND		5f0	1f0	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Camrolactaz	ND		5f0	. F.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Carba9ole	ND		5f0	0F30	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Chrxsene	ND		5f0	0F33	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Diben9pa,hHanthracene	ND		5f0	0F4.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Di-n-butxl mthalate	ND		5f0	0F31	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Di-n-octxl mthalate	ND		5f0	0F47	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Diben9oguran	ND		10	0F51	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Diethxl mthalate	ND		5f0	0F. .	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Diz ethxl mthalate	ND		5f0	0F36	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Xluoranthene	ND		5f0	0F40	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Xluorene	ND		5f0	0F36	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
) eHachloroben9ene	ND		5f0	0F51	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
) eHachlorobutayiene	ND		5f0	0F68	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
) eHachlorocxclomentayiene	ND		5f0	0F5f	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
) eHachloroethane	ND		5f0	0F5f	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Inyeno[1,. ,3-cy]mxrene	ND		5f0	0F47	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Isomhorone	ND		5f0	0F43	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
N-Nitrosoyi-n-mromxlaz ine	ND		5f0	0F54	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
N-Nitrosoyimhenxlaz ine	ND		5f0	0F51	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Namthalene	ND		5f0	0F76	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Nitroben9ene	ND		5f0	0F. f	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Pentachlormhenol	ND		10	. F.	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Phenanthrene	ND		5f0	0F44	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Phenol	ND		5f0	0F3f	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1
Pxrene	ND		5f0	0F34	u2/L		01/16/. 0 08:58	01/17/. 0 17:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*	*01/16/20 08:58*	*01/17/20 17:37*	*1*
Phenol-d5 (Surr)	*47*		*22 - 120*	*01/16/20 08:58*	*01/17/20 17:37*	*1*
p-Terphenyl-d14 (Surr)	*96*		*60 - 148*	*01/16/20 08:58*	*01/17/20 17:37*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*41 - 120*	*01/16/20 08:58*	*01/17/20 17:37*	*1*
2-Fluorobiphenyl	*83*		*48 - 120*	*01/16/20 08:58*	*01/17/20 17:37*	*1*
2-Fluorophenol (Surr)	*61*		*35 - 120*	*01/16/20 08:58*	*01/17/20 17:37*	*1*

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

Lab Sample ID: LCS 480-513796/2-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513796

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bimhenxl	3. F0	. 8f6		u2/L		8f	5f - 1. 0
bis p -chloroisomromxlKether	3. F0	. 7f3		u2/L		85	. 1 - 136
. ,4,5-Trichloromhenol	3. F0	30f3		u2/L		f 5	65 - 1. 6
. ,4,6-Trichloromhenol	3. F0	3. F.		u2/L		101	64 - 1. 0
. ,4-Dichloromhenol	3. F0	31f7		u2/L		f f	63 - 1. 0
. ,4-Diz ethxlmhenol	3. F0	31f7		u2/L		f f	47 - 1. 0
. ,4-Dinitromhenol	64f0	77F.		u2/L		1. 1	31 - 137
. ,4-Dinitrotoluene	3. F0	33f0		u2/L		103	6f - 1. 0
. ,6-Dinitrotoluene	3. F0	3. F.		u2/L		101	68 - 1. 0
. -Chloronamhthalene	3. F0	. 8f7		u2/L		f 0	58 - 1. 0
. -Chloromhenol	3. F0	. f f3		u2/L		f 1	48 - 1. 0
. -(ethxlmhenol	3. F0	. 8f4		u2/L		8f	3f - 1. 0
. -(ethxlnamhthalene	3. F0	. 8f5		u2/L		8f	5f - 1. 0
. -Nitroaniline	3. F0	3. F.		u2/L		101	54 - 1. 7
. -Nitromhenol	3. F0	. f ff		u2/L		f 3	5. - 1. 5
3,3'-Dichloroben9iyine	64f0	57F1		u2/L		8f	4f - 135
3-Nitroaniline	3. F0	. 7f0		u2/L		84	51 - 1. 0
4,6-Dinitro-. -z ethxlmhenol	64f0	75f0		u2/L		117	46 - 136
4-Broz omhenxl mhenxl ether	3. F0	31F1		u2/L		f 7	65 - 1. 0
4-Chloro-3-z ethxlmhenol	3. F0	31f6		u2/L		f f	61 - 1. 3
4-Chloroaniline	3. F0	. 4f8		u2/L		77	30 - 1. 0
4-Chloromhenxl mhenxl ether	3. F0	30f8		u2/L		f 6	6. - 1. 0
4-(ethxlmhenol	3. F0	. 7f8		u2/L		87	. f - 131
4-Nitroaniline	3. F0	3. F1		u2/L		100	65 - 1. 0
4-Nitromhenol	64f0	60f0		u2/L		f 4	45 - 1. 0
Acenamhthene	3. F0	. f f5		u2/L		f .	60 - 1. 0
Acenamhthxlene	3. F0	31f0		u2/L		f 7	63 - 1. 0
Acetomhenone	3. F0	30F1		u2/L		f 4	45 - 1. 0
Anthracene	3. F0	31F.		u2/L		f 7	67 - 1. 0
Atra9ine	64f0	74f8		u2/L		117	71 - 130
Ben9alyehxye	64f0	54F1		u2/L		84	10 - 140
Ben9o[a]anthracene	3. F0	31f3		u2/L		f 8	70 - 1. 1
Ben9o[a]mxrene	3. F0	31ff		u2/L		100	60 - 1. 3
Ben9o[b]guoranthene	3. F0	33f5		u2/L		105	66 - 1. 6
Ben9o[2,h,i]merxlene	3. F0	33f5		u2/L		105	66 - 150
Ben9o[k]guoranthene	3. F0	33f5		u2/L		105	65 - 1. 4
Bisp -chloroethoHkkz ethane	3. F0	30F4		u2/L		f 5	50 - 1. 8
Bisp -chloroethxlKether	3. F0	. 8ff		u2/L		f 0	44 - 1. 0
Bisp -ethxlheHklKmhthalate	3. F0	31f6		u2/L		f f	63 - 13f
Butxl ben9xl mhthalate	3. F0	31f3		u2/L		f 8	70 - 1. f
Camrolactaz	64f0	. 5f4		u2/L		40	. . - 1. 0
Carba9ole	3. F0	3. Ff		u2/L		103	66 - 1. 3
Chrxsene	3. F0	31f6		u2/L		f f	6f - 1. 0
Diben9pa,hKanthracene	3. F0	33f3		u2/L		104	65 - 135
Di-n-butxl mhthalate	3. F0	3. F7		u2/L		10.	6f - 131
Di-n-octxl mhthalate	3. F0	31f3		u2/L		f 8	63 - 140
Diben9oguran	3. F0	30F.		u2/L		f 4	66 - 1. 0
Diethxl mhthalate	3. F0	3. f8		u2/L		10.	5f - 1. 7

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

Lab Sample ID: LCS 480-513796/2-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513796

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diz ethxl mthalate	3. F0	3. F.		u2/L		101	68 - 1. 0
Xluoranthene	3. F0	3. F4		u2/L		101	6f - 1. 6
Xluorene	3. F0	31F5		u2/L		f 8	66 - 1. 0
) eHachloroben9ene	3. F0	31F.		u2/L		f 8	61 - 1. 0
) eHachlorobutayiene	3. F0	. 4F1		u2/L		75	35 - 1. 0
) eHachlorocxclomentayiene	3. F0	. 4F5		u2/L		77	31 - 1. 0
) eHachloroethane	3. F0	. 3Ff		u2/L		75	43 - 1. 0
Inyeno[1,. ,3-cy]mxrene	3. F0	33F.		u2/L		104	6f - 146
Isomhorone	3. F0	31f8		u2/L		f f	55 - 1. 0
N-Nitrosoyi-n-mromxlaz ine	3. F0	31f0		u2/L		f 7	3. - 140
N-Nitrosoyimhenxlaz ine	3. F0	30F7		u2/L		f 6	61 - 1. 0
Namhthalene	3. F0	. 7f7		u2/L		87	57 - 1. 0
Nitroben9ene	3. F0	30f6		u2/L		f 6	53 - 1. 3
Pentachloromhenol	64F0	60F4		u2/L		f 4	. f - 136
Phenanthrene	3. F0	31f0		u2/L		f 7	68 - 1. 0
Phenol	3. F0	1f F.		u2/L		60	17 - 1. 0
Pxrene	3. F0	31f0		u2/L		f 7	70 - 1. 5

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*
Phenol-d5 (Surr)	*61*		*22 - 120*
p-Terphenyl-d14 (Surr)	*100*		*60 - 148*
2,4,6-Tribromophenol (Surr)	*101*		*41 - 120*
2-Fluorobiphenyl	*93*		*48 - 120*
2-Fluorophenol (Surr)	*73*		*35 - 120*

Lab Sample ID: LCSD 480-513796/3-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513796

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bimhenxl	3. F0	31f0		u2/L		f 7	5f - 1. 0	8	. 0
bis p -chloroisomromxlKether	3. F0	. 8f6		u2/L		8f	. 1 - 136	5	. 4
. ,4,5-Trichloromhenol	3. F0	33F1		u2/L		104	65 - 1. 6	f	18
. ,4,6-Trichloromhenol	3. F0	34f8		u2/L		10f	64 - 1. 0	8	1f
. ,4-Dichloromhenol	3. F0	33Ff		u2/L		106	63 - 1. 0	6	1f
. ,4-Diz ethxlmhenol	3. F0	3. f6		u2/L		10.	47 - 1. 0	3	4.
. ,4-Dinitromhenol	64F0	84f0		u2/L		131	31 - 137	8	. .
. ,4-Dinitrotoluene	3. F0	36F1		u2/L		113	6f - 1. 0	f	. 0
. ,6-Dinitrotoluene	3. F0	35f0		u2/L		10f	68 - 1. 0	8	15
. -Chloronamhthalene	3. F0	30f5		u2/L		f 5	58 - 1. 0	6	. 1
. -Chloromhenol	3. F0	30f0		u2/L		f 4	48 - 1. 0	.	. 5
. -(ethxlmhenol	3. F0	. 8f6		u2/L		8f	3f - 1. 0	1	. 7
. -(ethxlnamhthalene	3. F0	30F.		u2/L		f 4	5f - 1. 0	6	. 1
. -Nitroaniline	3. F0	34f6		u2/L		108	54 - 1. 7	7	15
. -Nitromhenol	3. F0	3. f6		u2/L		10.	5. - 1. 5	f	18
3,3'-Dichloroben9iyine	64F0	56F.		u2/L		88	4f - 135	.	. 5
3-Nitroaniline	3. F0	. 7f8		u2/L		87	51 - 1. 0	3	1f

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

Lab Sample ID: LCSD 480-513796/3-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513796

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,6-Dinitro-. -z ethxlmhenol	64F0	81F8		u2/L		1. 8	46 - 136	f	15
4-Broz omhenxl mhenxl ether	3. F0	33Ff		u2/L		106	65 - 1. 0	f	15
4-Chloro-3-z ethxlmhenol	3. F0	3. F8		u2/L		103	61 - 1. 3	4	. 7
4-Chloroaniline	3. F0	. 4F8		u2/L		78	30 - 1. 0	0	. .
4-Chloromhenxl mhenxl ether	3. F0	3. F8		u2/L		103	6. - 1. 0	6	16
4-(ethxlmhenol	3. F0	. f F4		u2/L		f .	. f - 131	6	. 4
4-Nitroaniline	3. F0	3. F8		u2/L		10.	65 - 1. 0	.	. 4
4-Nitromhenol	64F0	6. F8		u2/L		f 8	45 - 1. 0	5	48
Acenamhthene	3. F0	31Ff		u2/L		100	60 - 1. 0	8	. 4
Acenamhthxlene	3. F0	33F3		u2/L		104	63 - 1. 0	7	18
Acetomhenone	3. F0	31F8		u2/L		f f	45 - 1. 0	6	. 0
Anthracene	3. F0	33F3		u2/L		104	67 - 1. 0	7	15
Atra9ine	64F0	81F3		u2/L		1. 7	71 - 130	8	. 0
Ben9alyehxye	64F0	56F8		u2/L		8f	10 - 140	5	. 0
Ben9o[a]anthracene	3. F0	33Ff		u2/L		106	70 - 1. 1	8	15
Ben9o[a]mxrene	3. F0	34F.		u2/L		107	60 - 1. 3	7	15
Ben9o[b]guoranthene	3. F0	36F5		u2/L		114	66 - 1. 6	f	15
Ben9o[2,h,i]merxlene	3. F0	35F8		u2/L		11.	66 - 150	6	15
Ben9o[k]guoranthene	3. F0	34F3		u2/L		107	65 - 1. 4	.	. .
Bisp -chloroethoH-kK2 ethane	3. F0	31F7		u2/L		f f	50 - 1. 8	4	17
Bisp -chloroethxlK-ether	3. F0	. 8F8		u2/L		f 0	44 - 1. 0	0	. 1
Bisp -ethxlheH-kIKmthalate	3. F0	34F4		u2/L		107	63 - 13f	8	15
Butxl ben9xl mthalate	3. F0	34F4		u2/L		107	70 - 1. f	f	16
Camolactaz	64F0	. 5F7		u2/L		40	. . - 1. 0	1	. 0
Carba9ole	3. F0	35F.		u2/L		110	66 - 1. 3	7	. 0
Chrxsene	3. F0	33F1		u2/L		104	6f - 1. 0	5	15
Diben9pa,hK-anthracene	3. F0	35F0		u2/L		10f	65 - 135	5	15
Di-n-butxl mthalate	3. F0	35F4		u2/L		111	6f - 131	8	15
Di-n-octxl mthalate	3. F0	34F1		u2/L		107	63 - 140	f	16
Diben9oguran	3. F0	3. F5		u2/L		10.	66 - 1. 0	7	15
Diethxl mthalate	3. F0	34Ff		u2/L		10f	5f - 1. 7	6	15
Diz ethxl mthalate	3. F0	34F6		u2/L		108	68 - 1. 0	7	15
Xluoranthene	3. F0	34F.		u2/L		107	6f - 1. 6	5	15
Xluorene	3. F0	33F7		u2/L		105	66 - 1. 0	7	15
) eH-achloroben9ene	3. F0	33F3		u2/L		104	61 - 1. 0	6	15
) eH-achlorobutayiene	3. F0	. 6F1		u2/L		8.	35 - 1. 0	8	44
) eH-achlorocxclomentayiene	3. F0	. 6F8		u2/L		84	31 - 1. 0	f	4f
) eH-achloroethane	3. F0	. 5F8		u2/L		81	43 - 1. 0	8	46
Inyeno[1,. ,3-cy]mxrene	3. F0	35F3		u2/L		110	6f - 146	6	15
Isomhorone	3. F0	33F.		u2/L		104	55 - 1. 0	4	17
N-Nitrosoyi-n-mromxlaz ine	3. F0	3. F1		u2/L		100	3. - 140	4	31
N-Nitrosoyimhenxlaz ine	3. F0	3. F5		u2/L		10.	61 - 1. 0	6	15
Namhthalene	3. F0	. f F5		u2/L		f .	57 - 1. 0	6	. f
Nitroben9ene	3. F0	3. F0		u2/L		100	53 - 1. 3	4	. 4
Pentachloromhenol	64F0	66F1		u2/L		103	. f - 136	f	37
Phenanthrene	3. F0	33F0		u2/L		103	68 - 1. 0	6	15
Phenol	3. F0	1f F5		u2/L		61	17 - 1. 0	.	34
Pxrene	3. F0	33F4		u2/L		104	70 - 1. 5	8	1f

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

Lab Sample ID: LCSD 480-513796/3-A
Matrix: Water
Analysis Batch: 514003

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513796

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	101		46 - 120
Phenol-d5 (Surr)	62		22 - 120
p-Terphenyl-d14 (Surr)	107		60 - 148
2,4,6-Tribromophenol (Surr)	111		41 - 120
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol (Surr)	77		35 - 120

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

Lab Sample ID: MB 480-513696/1-A
Matrix: Water
Analysis Batch: 513844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0F50	0F18	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1
PCB-1. . 1	ND		0F50	0F18	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1
PCB-1. 3.	ND		0F50	0F18	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1
PCB-1. 4.	ND		0F50	0F18	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1
PCB-1. 48	ND		0F50	0F18	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1
PCB-1. 54	ND		0F50	0F. 5	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1
PCB-1. 60	ND		0F50	0F. 5	u2/L		01/15/. 0 15:18	01/16/. 0 15:0.	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		39 - 121	01/15/20 15:18	01/16/20 15:02	1
DCB Decachlorobiphenyl	44		19 - 120	01/15/20 15:18	01/16/20 15:02	1

Lab Sample ID: LCS 480-513696/2-A
Matrix: Water
Analysis Batch: 513844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513696

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			4F00	3F08		u2/L		77	6. - 130		
PCB-1. 60			4F00	. F83		u2/L		71	56 - 1. 3		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	70		39 - 121
DCB Decachlorobiphenyl	36		19 - 120

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513844

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		4F00	3F0.		u2/L		75	. 8 - 150		
PCB-1. 60	ND		4F00	1Ff 1		u2/L		48	. 5 - 131		

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	66		39 - 121

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

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513844

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513696

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	38		19 - 120

Lab Sample ID: 480-165137-1 MSD
Matrix: Water
Analysis Batch: 513844

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		4f00	3F f		u2/L		8.	. 8 - 150	f	50
PCB-1. 60	ND		4f00	. F. 6		u2/L		57	. 5 - 131	17	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	76		39 - 121
DCB Decachlorobiphenyl	42		19 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-513586/1-A
Matrix: Water
Analysis Batch: 513788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513586

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0f015	0f0056	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1
Bariuz	ND		0f00. 0	0f00070	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1
Cayz iuz	ND		0f00. 0	0f00050	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1
Chroz iuz	ND		0f0040	0f0010	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1
Leay	ND		0f010	0f0030	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1
Seleniuz	ND		0f0. 5	0f0087	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1
Silver	ND		0f0060	0f0017	z 2/L		01/15/. 0 07:34	01/15/. 0 17:. .	1

Lab Sample ID: LCS 480-513586/2-A
Matrix: Water
Analysis Batch: 513788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0F. 00	0f186		z 2/L		f 3	80 - 1. 0
Bariuz	0F. 00	0F. 01		z 2/L		100	80 - 1. 0
Cayz iuz	0F. 00	0f18f		z 2/L		f 4	80 - 1. 0
Chroz iuz	0F. 00	0f18f		z 2/L		f 4	80 - 1. 0
Leay	0F. 00	0f18.		z 2/L		f 1	80 - 1. 0
Seleniuz	0F. 00	0f181		z 2/L		f 1	80 - 1. 0
Silver	0f0500	0f0484		z 2/L		f 7	80 - 1. 0

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513788

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0f035		0F. 00	0f187		z 2/L		76	75 - 1. 5
Bariuz	. f3		0F. 00	1f13	4	z 2/L		-5f 4	75 - 1. 5

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

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513788

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cayz iuz	0R0035	X1	0F. 00	0R15.	X1	z 2/L		74	75 - 1. 5
Chroz iuz	0R04f		0F. 00	0F. 10		z 2/L		80	75 - 1. 5
Leay	0R11		0F. 00	0F. 88		z 2/L		87	75 - 1. 5
Seleniuz	ND	X1	0F. 00	0R144	X1	z 2/L		7.	75 - 1. 5
Silver	ND		0R0500	0R0381		z 2/L		76	75 - 1. 5

Lab Sample ID: 480-165137-1 MSD
Matrix: Water
Analysis Batch: 513788

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0R035		0F. 00	0F. 14		z 2/L		f 0	75 - 1. 5	14	. 0
Bariuz	. R3		0F. 00	1F. 6	4	z 2/L		-5. f	75 - 1. 5	11	. 0
Cayz iuz	0R0035	X1	0F. 00	0R17.		z 2/L		84	75 - 1. 5	13	. 0
Chroz iuz	0R04f		0F. 00	0F. 37		z 2/L		f 4	75 - 1. 5	1.	. 0
Leay	0R11		0F. 00	0R330		z 2/L		108	75 - 1. 5	13	. 0
Seleniuz	ND	X1	0F. 00	0R166		z 2/L		83	75 - 1. 5	14	. 0
Silver	ND		0R0500	0R0440		z 2/L		88	75 - 1. 5	14	. 0

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-513718/1-A
Matrix: Water
Analysis Batch: 513881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
(ercurx	ND		0R00. 0	0R0001.	z 2/L		01/16/. 0 11:44	01/16/. 0 14:56	1

Lab Sample ID: LCS 480-513718/2-A
Matrix: Water
Analysis Batch: 513881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
(ercurx	0R00667	0R007. 3		z 2/L		108	80 - 1. 0

Lab Sample ID: 480-165137-1 MS
Matrix: Water
Analysis Batch: 513881

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
(ercurx	0R0014		0R00667	0R00767		z 2/L		f 4	80 - 1. 0

Lab Sample ID: 480-165137-1 MSD
Matrix: Water
Analysis Batch: 513881

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 513718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
(ercurx	0R0014		0R00667	0R00768		z 2/L		f 4	80 - 1. 0	0	. 0

GC/MS VOA

Analysis Batch: 513595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-4	TRIP BLANK	Total/NA	Water	8260C	
MB 480-513595/7	Method Blank	Total/NA	Water	8260C	
LCS 480-513595/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 513745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	8260C	
480-165137-2	MW2	Total/NA	Water	8260C	
480-165137-3	MW3	Total/NA	Water	8260C	
MB 480-513745/7	Method Blank	Total/NA	Water	8260C	
LCS 480-513745/5	Lab Control Sample	Total/NA	Water	8260C	
480-165137-1 MS	MW1	Total/NA	Water	8260C	
480-165137-1 MSD	MW1	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 513796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	3510C	
480-165137-2	MW2	Total/NA	Water	3510C	
480-165137-3	MW3	Total/NA	Water	3510C	
MB 480-513796/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-513796/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-513796/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 514003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	8270D	513796
480-165137-2	MW2	Total/NA	Water	8270D	513796
480-165137-3	MW3	Total/NA	Water	8270D	513796
MB 480-513796/1-A	Method Blank	Total/NA	Water	8270D	513796
LCS 480-513796/2-A	Lab Control Sample	Total/NA	Water	8270D	513796
LCSD 480-513796/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	513796

GC Semi VOA

Prep Batch: 513696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	3510C	
480-165137-2	MW2	Total/NA	Water	3510C	
480-165137-3	MW3	Total/NA	Water	3510C	
MB 480-513696/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-513696/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-165137-1 MS	MW1	Total/NA	Water	3510C	
480-165137-1 MSD	MW1	Total/NA	Water	3510C	

Analysis Batch: 513844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	8082A	513696
480-165137-2	MW2	Total/NA	Water	8082A	513696
480-165137-3	MW3	Total/NA	Water	8082A	513696
MB 480-513696/1-A	Method Blank	Total/NA	Water	8082A	513696

GC Semi VOA (Continued)

Analysis Batch: 513844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-513696/2-A	Lab Control Sample	Total/NA	Water	8082A	513696
480-165137-1 MS	MW1	Total/NA	Water	8082A	513696
480-165137-1 MSD	MW1	Total/NA	Water	8082A	513696

Metals

Prep Batch: 513586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	3005A	
480-165137-2	MW2	Total/NA	Water	3005A	
480-165137-3	MW3	Total/NA	Water	3005A	
MB 480-513586/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-513586/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-165137-1 MS	MW1	Total/NA	Water	3005A	
480-165137-1 MSD	MW1	Total/NA	Water	3005A	

Prep Batch: 513718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	7470A	
480-165137-2	MW2	Total/NA	Water	7470A	
480-165137-3	MW3	Total/NA	Water	7470A	
MB 480-513718/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-513718/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-165137-1 MS	MW1	Total/NA	Water	7470A	
480-165137-1 MSD	MW1	Total/NA	Water	7470A	

Analysis Batch: 513788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	6010C	513586
480-165137-2	MW2	Total/NA	Water	6010C	513586
480-165137-3	MW3	Total/NA	Water	6010C	513586
MB 480-513586/1-A	Method Blank	Total/NA	Water	6010C	513586
LCS 480-513586/2-A	Lab Control Sample	Total/NA	Water	6010C	513586
480-165137-1 MS	MW1	Total/NA	Water	6010C	513586
480-165137-1 MSD	MW1	Total/NA	Water	6010C	513586

Analysis Batch: 513881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-165137-1	MW1	Total/NA	Water	7470A	513718
480-165137-2	MW2	Total/NA	Water	7470A	513718
480-165137-3	MW3	Total/NA	Water	7470A	513718
MB 480-513718/1-A	Method Blank	Total/NA	Water	7470A	513718
LCS 480-513718/2-A	Lab Control Sample	Total/NA	Water	7470A	513718
480-165137-1 MS	MW1	Total/NA	Water	7470A	513718
480-165137-1 MSD	MW1	Total/NA	Water	7470A	513718

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Client Sample ID: MW1

Lab Sample ID: 480-165137-1

Date Collected: 01/13/20 09:50

Matrix: Water

Date Received: 01/14/20 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	513745	01/16/20 14:00	CRL	TAL BUF
Total/NA	Prep	3510C			513796	01/16/20 08:58	JMP	TAL BUF
Total/NA	Analysis	8270D		1	514003	01/17/20 21:51	PJQ	TAL BUF
Total/NA	Prep	3510C			513696	01/15/20 15:18	ATG	TAL BUF
Total/NA	Analysis	8082A		1	513844	01/16/20 15:51	W1T	TAL BUF
Total/NA	Prep	3005A			513586	01/15/20 07:34	EMB	TAL BUF
Total/NA	Analysis	6010C		1	513788	01/15/20 17:59	AMH	TAL BUF
Total/NA	Prep	7470A			513718	01/16/20 11:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	513881	01/16/20 15:05	BMB	TAL BUF

Client Sample ID: MW2

Lab Sample ID: 480-165137-2

Date Collected: 01/13/20 12:56

Matrix: Water

Date Received: 01/14/20 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	513745	01/16/20 14:23	CRL	TAL BUF
Total/NA	Prep	3510C			513796	01/16/20 08:58	JMP	TAL BUF
Total/NA	Analysis	8270D		1	514003	01/17/20 22:19	PJQ	TAL BUF
Total/NA	Prep	3510C			513696	01/15/20 15:18	ATG	TAL BUF
Total/NA	Analysis	8082A		1	513844	01/16/20 16:04	W1T	TAL BUF
Total/NA	Prep	3005A			513586	01/15/20 07:34	EMB	TAL BUF
Total/NA	Analysis	6010C		1	513788	01/15/20 18:28	AMH	TAL BUF
Total/NA	Prep	7470A			513718	01/16/20 11:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	513881	01/16/20 15:10	BMB	TAL BUF

Client Sample ID: MW3

Lab Sample ID: 480-165137-3

Date Collected: 01/13/20 12:30

Matrix: Water

Date Received: 01/14/20 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	513745	01/16/20 14:46	CRL	TAL BUF
Total/NA	Prep	3510C			513796	01/16/20 08:58	JMP	TAL BUF
Total/NA	Analysis	8270D		5	514003	01/17/20 22:46	PJQ	TAL BUF
Total/NA	Prep	3510C			513696	01/15/20 15:18	ATG	TAL BUF
Total/NA	Analysis	8082A		10	513844	01/16/20 18:59	W1T	TAL BUF
Total/NA	Prep	3005A			513586	01/15/20 07:34	EMB	TAL BUF
Total/NA	Analysis	6010C		1	513788	01/15/20 18:32	AMH	TAL BUF
Total/NA	Prep	7470A			513718	01/16/20 11:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	513881	01/16/20 15:12	BMB	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Client Sample ID: TRIP BLANK

Date Collected: 01/13/20 09:50
Date Received: 01/14/20 11:55

Lab Sample ID: 480-165137-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	513595	01/15/20 14:45	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-20
California	State	2931	04-01-20 *
Connecticut	State	PH-0568	09-30-20
Florida	NELAP	E87672	06-30-20
Georgia	State	10026 (NY)	03-31-20 *
Georgia (DW)	State	956	03-31-20 *
Illinois	NELAP	200003	09-30-19 *
Iowa	State	374	02-28-21
Kansas	NELAP	E-10187	01-31-20
Kentucky (DW)	State	90029	12-31-20 *
Kentucky (UST)	State	30	03-31-20 *
Kentucky (WW)	State	KY90029	12-31-20
Louisiana	NELAP	02031	06-30-20
Maine	State	NY00044	12-04-20
Maryland	State	294	03-31-20 *
Massachusetts	State	M-NY044	06-30-20
Michigan	State	9937	03-31-20 *
Minnesota	NELAP	1524384	12-31-20
New Hampshire	NELAP	2337	11-17-19 *
New Jersey	NELAP	NY455	06-30-20
New York	NELAP	10026	04-01-20 *
North Dakota	State	R-176	03-31-20 *
Oklahoma	State	9421	09-01-20
Oregon	NELAP	NY200003	06-10-20
Pennsylvania	NELAP	68-00281	07-31-20
Rhode Island	State	LAO00328	12-30-20 *
Tennessee	State	02970	03-31-20 *
Texas	NELAP	T104704412-18-10	08-01-20
USDA	US Federal Programs	P330-18-00039	02-06-21
Virginia	NELAP	460185	09-14-20
Washington	State	C784	02-10-20 *
Wisconsin	State	998310390	08-31-20

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

Method Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: LaBella Associates DPC
Project/Site: Church Street Project

Job ID: 480-165137-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-165137-1	MW1	Water	01/13/20 09:50	01/14/20 11:55	
480-165137-2	MW2	Water	01/13/20 12:56	01/14/20 11:55	
480-165137-3	MW3	Water	01/13/20 12:30	01/14/20 11:55	
480-165137-4	TRIP BLANK	Water	01/13/20 09:50	01/14/20 11:55	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: H. Geoghegan	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-138611-31178.2
Client Contact: Mr. Robert Napieralski 551-6283	Phone: (585) 409-1468	E-Mail: brian.fischer@testamericainc.com		Page: Page ~~2 of 2~~ 1 of 1
Company: LaBella Associates DPC				Job #: 21927-71
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days): STANDARD			
State, Zip: NY, 14202				
Phone: 716-551-6283(Tel)	PO #: Purchase Order not required			
Email: rnapieralski@labellapc.com	WO #:			
Project Name: Church Street Project	Project #: 48021314			
Site: EmKay Trading, WCBC, North Trading.	SSOW#:			

480-165137 Chain of Custody

I - Ice; J - DI Water; K - EDTA; L - EDA; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify); Other:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B, Moisture	8082A, 8270D	8260C - TCL list OLM04.2 USEPA TCL	8260C - CP-51 (STARS) List	6010C, 8270D, Moisture	8270D - TCL SVOA - OLM04.2 USEPA TCL	6010C, 7470A	8260C - TCL list OLM04.2	PCBs via USEPA Test Method 8082	RCRA metals via USEPA methods	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	D	A				
MW1	1/13/2020	0950		~~Solid~~ Water					X			X			X	X		~~Very sil~~ Turbid
MW2	1/13/2020	1256		~~Solid~~ Water					X			X			X	X		Turbid
MW3	1/13/2020	1230		~~Solid~~ Water					X			X			X	X		Turbid
MS/MD	1/13/2020	0950		~~Solid~~ Water					X			X			X	X		Turbid
TripBlank	1/13/2020	—		~~Solid~~					x			x			x	x		Turbid.
				Solid														
				Solid														
				Water														
				Water														
				Water														
				Water														

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) CAT B Deliverables

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1/14/2020 1100			1/14/20 1100	PAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1/14/20 11:55	PAS		1/14/20 11:55	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4 (310

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-165137-1

Login Number: 165137
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

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

ATTACHMENT 6

NYSDOS ENTITY INFORMATION FOR
58 CHURCH STREET, LLC

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: 58 CHURCH STREET, LLC
DOS ID: 7403441
FOREIGN LEGAL NAME:
FICTITIOUS NAME:
ENTITY TYPE: DOMESTIC LIMITED LIABILITY COMPANY
DURATION DATE/LATEST DATE OF DISSOLUTION:
SECTIONOF LAW: LIMITED LIABILITY COMPANY LAW - 203 LIMITED LIABILITY COMPANY LAW - LIMITED LIABILITY COMPANY LAW
ENTITY STATUS: ACTIVE
DATE OF INITIAL DOS FILING: 08/22/2024
REASON FOR STATUS:
EFFECTIVE DATE INITIAL FILING: 08/22/2024
INACTIVE DATE:
FOREIGN FORMATION DATE:
STATEMENT STATUS: CURRENT
COUNTY: ERIE
NEXT STATEMENT DUE DATE: 08/31/2026
JURISDICTION: NEW YORK, UNITED STATES
NFP CATEGORY:

ENTITY DISPLAY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: 58 CHURCH STREET, LLC

Address: 500 SENECA ST, SUITE 504, BUFFALO, NY, UNITED STATES, 14204

Electronic Service of Process on the Secretary of State as agent: Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

ATTACHMENT 8

ARCADE FREE LIBRARY
ACKNOWLEDGEMENT

LaBella
Powered by partnership.

February 23, 2026

Ms. Lydia Dziedzic
Arcade Free Library
365 Main Street
Arcade, New York 14009

RE: Public Document Repository Request – Brownfield Cleanup Program Documents: 58 Church Street, Arcade, NY

Dear Ms. Dziedzic:

Pursuant to our recent telephone conversation, we are in the process of submitting a Brownfield Cleanup Program (BCP) application to the New York State Department of Environmental Conservation (NYSDEC) for the above referenced property. One of the requirements of the BCP is that a public document repository be identified to host project-related documents for public review.

We are requesting your authorization to designate the Arcade Free Library as the document repository for this project. Kindly sign and return a copy of this form via email to rnapieralski@labellapc.com to formally signify the library's willingness to serve as the repository for this project.

Thank you for your assistance with this matter related to this important brownfield cleanup and redevelopment project.

Respectfully submitted,

LaBella Associates

Robert Napieralski, CPG
Vice President

We agree to serve as the document repository for BCP documents generated in connection with the cleanup and redevelopment of the property located at 58 Church Street, Arcade, New York.

Signature: Lydia Dziedzic

Printed Name: Lydia Dziedzic

Date: 2-24-26