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## **1. BROWNFIELD CLEANUP PROGRAM APPLICATION**

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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.

b. 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, 12<sup>th</sup> Floor  
Albany, NY 12233-7020

SITE NAME: 276-284 Starr 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: 224430

☒

Yes

☐

No



**BROWNFIELD CLEANUP PROGRAM (BCP)  
APPLICATION FORM**

BCP App Rev 16.1 – March 2025

**SECTION I: Property Information**

PROPOSED SITE NAME **276-284 Starr Street**

ADDRESS/LOCATION **276-284 Starr Street**

CITY/TOWN **Brooklyn**

ZIP CODE **11237**

MUNICIPALITY (LIST ALL IF MORE THAN ONE) **New York City**

COUNTY **Kings**

SITE SIZE (ACRES) **0.184**

LATITUDE

LONGITUDE

40

42

24.5

-73

55

17.03

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
276-284 Starr Street	Brooklyn	3200	19	.184

- |   | Y                                | N                                |
|---|----------------------------------|----------------------------------|
| 1. Do the proposed site boundaries correspond to tax map metes and bounds?<br>If no, please attach an accurate map of the proposed site including a metes and bounds description.   | <input checked="" type="radio"/> | <input type="radio"/>            |
| 2. Is the required property map, provided in electronic format, included with the application?<br>(Application will not be processed without a map)   | <input checked="" type="radio"/> | <input type="radio"/>            |
| 3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See <a href="#">DEC's website</a> for more information)<br>If yes, identify census tract: _____<br>Percentage of property in En-zone (check one): <input type="radio"/> 0% <input type="radio"/> 1-49% <input type="radio"/> 50-99% <input type="radio"/> 100% | <input type="radio"/>            | <input checked="" type="radio"/> |
| 4. Is the project located within a disadvantaged community?<br>See application instructions for additional information.   | <input checked="" type="radio"/> | <input type="radio"/>            |
| 5. Is the project located within a NYS Department of State (NYS DOS) Brownfield Opportunity Area (BOA)? See application instructions for additional information.  | <input type="radio"/>            | <input checked="" type="radio"/> |
| 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)?<br>If yes, identify names of properties and site numbers, if available, in related BCP applications: _____   | <input type="radio"/>            | <input checked="" type="radio"/> |



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?	UNKNOWN	<input type="radio"/>	<input type="radio"/>
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.		<input type="radio"/>	<input checked="" type="radio"/>
9. Are there any lands under water? If yes, these lands should be clearly delineated on the site map.		<input type="radio"/>	<input checked="" type="radio"/>
10. Has the property been the subject of or included in a previous BCP application? If yes, please provide the DEC site number: _____		<input type="radio"/>	<input checked="" type="radio"/>
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: 224430 Class: 1		<input checked="" type="radio"/>	<input type="radio"/>
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.  <div style="display: flex; justify-content: space-between;"> <div><u>Easement/Right-of-Way Holder</u></div> <div><u>Description</u></div> </div>		<input type="radio"/>	<input checked="" type="radio"/>
13. List of permits issued by the DEC or USEPA relating to the proposed site (describe below or attach appropriate information):  <div style="display: flex; justify-content: space-between;"> <div><u>Type</u></div> <div><u>Issuing Agency</u></div> <div><u>Description</u></div> </div>		<input type="radio"/>	<input checked="" type="radio"/>
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?		<input checked="" type="radio"/>	<input type="radio"/>
<b>Note: Questions 15 through 17 below pertain ONLY to proposed sites located within the five counties comprising New York City.</b>			
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.		<input type="radio"/>	<input checked="" type="radio"/>
16. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down?		<input type="radio"/>	<input checked="" type="radio"/>
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?		<input type="radio"/>	<input type="radio"/>
<b>NOTE:</b> 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.			
<b>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.</b>			
<b>Initials of each Requestor:</b> RS _____			

## 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

4. Please provide a short description of the overall project development, including the date that the remedial program is to begin, and the date by which a Certificate of Completion is expected to be issued.

Is this information attached? ☒ Yes ☐ No

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?  | <input checked="" type="radio"/> | <input type="radio"/>            |
| 2. Is there a potential path for contamination to potentially impact fish, wildlife or ecological resources?  | <input type="radio"/>            | <input checked="" type="radio"/> |
| 3. Is/are there a/any Contaminant(s) of Ecological Concern?   | <input type="radio"/>            | <input checked="" type="radio"/> |
| 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?  | <input type="radio"/>            | <input checked="" type="radio"/> |



**SECTION IV: Land Use Factors**

1. What is the property's current municipal zoning designation? <u>M1-1</u>		
2. What uses are allowed by the property's current zoning (select all that apply)? Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/>		
3. Current use (select all that apply): Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Recreational <input type="checkbox"/> Vacant <input checked="" type="checkbox"/>		
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?	Y <input checked="" type="radio"/>	N <input type="radio"/>
5. Reasonably anticipated post-remediation use (check all that apply): Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> If residential, does it qualify as single-family housing? N/A <input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Please provide a statement detailing the specific proposed post-remediation use. Is this summary attached?	<input checked="" type="radio"/>	<input type="radio"/>
7. Is the proposed post-remediation use a renewable energy facility? See application instructions for additional information.	<input type="radio"/>	<input checked="" type="radio"/>
8. Do current and/or recent development patterns support the proposed use?	<input checked="" type="radio"/>	<input type="radio"/>
9. Is the proposed use consistent with applicable zoning laws/maps? Please provide a brief explanation. Include additional documentation if necessary.	<input checked="" type="radio"/>	<input type="radio"/>
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.	<input checked="" type="radio"/>	<input type="radio"/>

**SECTION V: Current and Historical Property Owner and Operator Information**

CURRENT OWNERChurches United for Fair Housing, Inc.		
CONTACT NAMERob Solano		
ADDRESS7 Marcus Garvey Blvd		
CITYBrooklyn	STATENY	ZIP CODE11206
PHONE(347)680-7069	EMAILrsolano@cuffh.org	
OWNERSHIP START DATE2/1/2024		
CURRENT OPERATORChurches United for Fair Housing, Inc.		
CONTACT NAMERob Solano		
ADDRESS7 Marcus Garvey Blvd		
CITYBrooklyn	STATENY	ZIP CODE11206
PHONE(347)680-7069	EMAILrsolano@cuffh.org	
OPERATION START DATENot currently in operation		

## 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*):

- 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.
- 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorinated Solvents	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other VOCs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SVOCs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCBs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PFAS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,4-dioxane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other – indicated below	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*Please describe other known contaminants and the media affected:

- 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

- Indicate Past Land Uses (check all that apply):

<input type="checkbox"/> Coal Gas Manufacturing	<input checked="" type="checkbox"/> Manufacturing	<input type="checkbox"/> Agricultural Co-Op	<input type="checkbox"/> Dry Cleaner
<input type="checkbox"/> Salvage Yard	<input type="checkbox"/> Bulk Plant	<input type="checkbox"/> Pipeline	<input type="checkbox"/> Service Station
<input type="checkbox"/> Landfill	<input type="checkbox"/> Tannery	<input type="checkbox"/> Electroplating	<input type="checkbox"/> Unknown

Other:



SECTION VII: Requestor Information					
NAME Churches United for Fair Housing, Inc.					
ADDRESS 7 Marcus Garvey Blvd					
CITY/TOWN Brooklyn		STATE NY	ZIP CODE 11206		
PHONE (347)680-7069		EMAIL rsolano@cuffh.org			
				Y	N
1. Is the requestor authorized to conduct business in New York State (NYS)?				<input checked="" type="radio"/>	<input type="radio"/>
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 <a href="#">NYS Department of State's Corporation &amp; Business Entity Database</a> . 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?				<input checked="" type="radio"/>	<input type="radio"/>
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				<input checked="" type="radio"/>	<input type="radio"/>
4. Individuals that will be certifying BCP documents, as well as their employers, must meet the requirements of Section 1.5 of <a href="#">DER-10: Technical Guidance for Site Investigation and Remediation</a> and Article 145 of New York State Education Law. Do all individuals that will be certifying documents meet these requirements?				<input checked="" type="radio"/>	<input type="radio"/>
<b>Documents that are not properly certified will not be approved under the BCP.</b>					

SECTION VIII: Requestor Contact Information				
REQUESTOR'S REPRESENTATIVE Rob Solano				
ADDRESS 7 Marcus Garvey Blvd				
CITY Brooklyn		STATE NY	ZIP CODE 11206	
PHONE (347)680-7069		EMAIL rsolano@cuffh.org		
REQUESTOR'S CONSULTANT (CONTACT NAME) James Cinelli				
COMPANY Liberty Environmental				
ADDRESS 600 Third Avenue, 2nd Floor				
CITY New York		STATE NY	ZIP CODE 10016	
PHONE (800)609-3015		EMAIL jcinelli@libertyenviro.com		
REQUESTOR'S ATTORNEY (CONTACT NAME) Gerald Pigott				
COMPANY Law Office of Gerald Pigott				
ADDRESS 4127 Gloria Road				
CITY Bethpage		STATE NY	ZIP CODE 11714	
PHONE (516)851-0201		EMAIL gmplaw@optonline.net		

**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?	<input checked="" type="radio"/>	<input type="radio"/>
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	<input checked="" type="radio"/>	<input type="radio"/>

**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?	<input type="radio"/>	<input checked="" type="radio"/>
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site?	<input type="radio"/>	<input checked="" type="radio"/>
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.	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
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.	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
7. Has the requestor been convicted of a criminal offence (i) involving the handling, storing, treating, disposing or transporting of 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?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
11. Are there any unregistered bulk storage tanks on-site which require registration?	<input type="radio"/>	<input checked="" type="radio"/>



## 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

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.

### VOLUNTEER

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.	<input type="radio"/>	<input checked="" type="radio"/>
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: _____	<input type="radio"/>	<input checked="" type="radio"/>
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: _____	<input type="radio"/>	<input checked="" type="radio"/>
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. <div style="text-align: right;">N/A <input checked="" type="radio"/></div>	<input type="radio"/>	<input type="radio"/>
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: _____	<input type="radio"/>	<input checked="" type="radio"/>
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.	<input type="radio"/>	<input checked="" type="radio"/>

**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 \_\_\_\_\_ (title) of \_\_\_\_\_ (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: 8/6/25 Signature: 

Print Name: Rob Solano

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

# FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

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 16.1

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?	<input type="radio"/>	<input type="radio"/>
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	<input type="radio"/>	<input type="radio"/>
3. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)?	<input type="radio"/>	<input type="radio"/>
4. Is the property upside down or underutilized as defined below?		
Upside down	<input type="radio"/>	<input type="radio"/>
Underutilized	<input type="radio"/>	<input type="radio"/>

## 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(I) 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:

- (I) "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:**

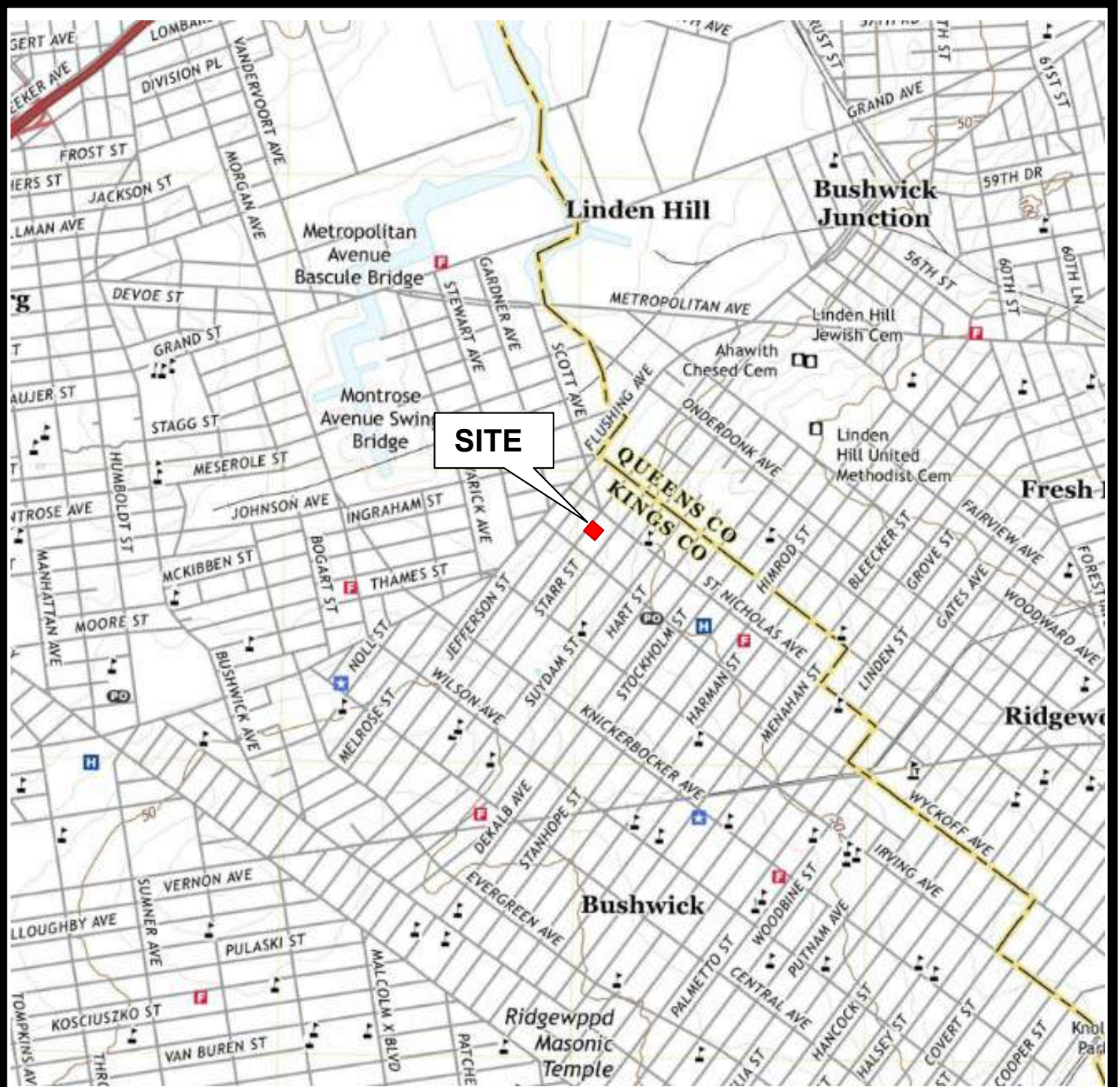
(5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to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



---

## 2. FIGURES

---



600 THIRD AVENUE, 2<sup>ND</sup> FLOOR  
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 PHONE: (800)305-6019  
[WWW.LIBERTYENVIRO.COM](http://WWW.LIBERTYENVIRO.COM)



SITE LOCATION MAP

**FIGURE 1**

CHURCHES UNITED FOR FAIR HOUSING OFFICES

276 STARR STREET, BOROUGH OF BROOKLYN

BROOKLYN, NEW YORK

APPROX. SCALE IN FEET



LIBERTY PROJECT 220872





<u>Tax Parcel ID</u>	<u>Property Address</u>	<u>Owner Name</u>
Block 3200, Lot 24	42 St Nicholas Avenue	Living City Starr LLC
Block 3200, Lot 25	44 St Nicholas Avenue	Living City Nicholas LLC
Block 3200, Lot 26	46 St Nicholas Avenue	46 St Nicholas Corporation
Block 3200, Lot 27	48 St Nicholas Avenue	48 Real Brooklyn LLC
Block 3200, Lot 28	50 St Nicholas Avenue	50 St Nicholas Owner LLC
Block 3200, Lot 29	52 St Nicholas Avenue	Dav Car Realty LLC
Block 3200, Lot 35	1329 Willoughby Avenue	FM Consolidated Holding Corporation
Block 3200, Lot 19	280 Starr Street	First F& L Realty LLC
Block 3189, Lot 34	275 Starr Street	Luz Marina Coca
Block 3189, Lot 33	277 Starr Street	Michael Ross
Block 3189, Lot 32	279 Starr Street	279 Starr Street Corporation
Block 3189, Lot 31	281 Starr Street	Who Needs Enemies, Inc.
Block 3189, Lot 30	283 Starr Street	Elizabeth Florencio
Block 3189, Lot 29	285 Starr Street	Osavaldo J. Garcia
Block 3189, Lot 27	40 St Nicholas Avenue	Mossaad Family Trust



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TAX PARCEL MAP

**FIGURE 2**

CHURCHES UNITED FOR FAIR HOUSING OFFICES

**BLOCK 3200, LOT 19**

276 STARR STREET, BROOKLYN, NEW YORK



APPROX. SCALE IN FEET



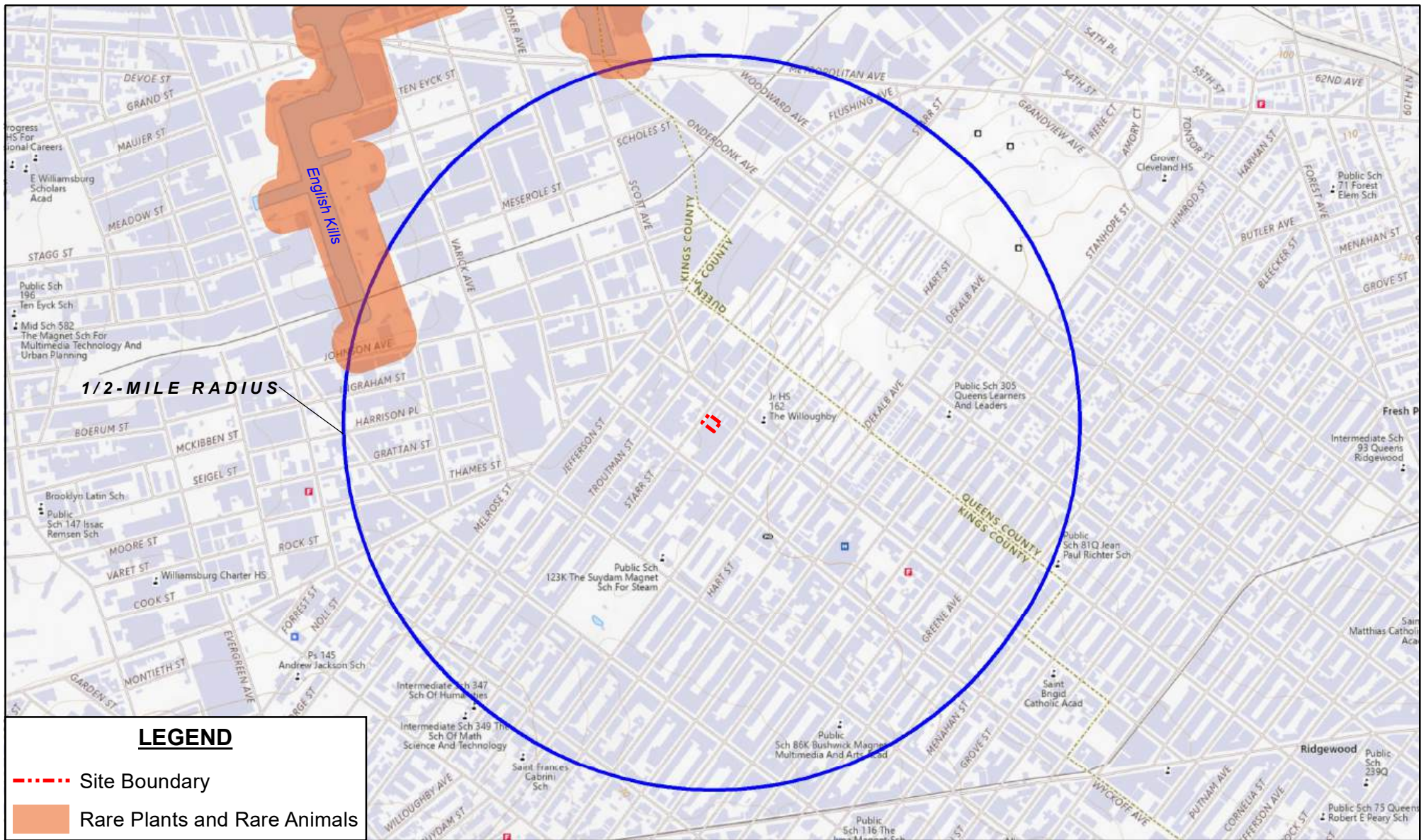
LIBERTY PROJECT 220872



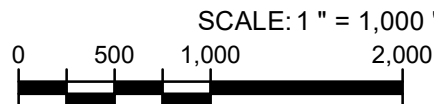
**NOTE:** THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION. NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN  
**IMAGE SOURCE:** ESRI [MICROSOFT] DIGITALGLOBE. PHOTO DATE: MARCH 16, 2022.  
**DATA SOURCE:** NYSDS [GEOGRAPHIC INFORMATION GATEWAY] DISADVANTAGED COMMUNITIES (DAC). DATA UPDATED: APRIL 4, 2023.

		<b>Figure 3 - Site Location within DAC</b>		
		<b>Churches United For Fair Housing</b> 276-284 Starr Street Brooklyn, New York (Block 3200, Lot 19)		
		PROJECT NO.: 220872.04	REV: 0	PREPARED BY: EM
	505 Penn St. Suite 400 Reading, PA 19601 Phone: 610-375-9301 <a href="http://www.libertyenviro.com">www.libertyenviro.com</a>	DATE: JULY 10, 2025	SCALE: 1" = 60'	APPROVED BY: JPC





**NOTE:** THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION.  
NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.  
**DATA SOURCE:** NYS ENVIRONMENTAL RESOURCE MAPPER.



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## Figure 4 - Surrounding Environmental Resources

### Churches United For Fair Housing

276-284 Starr Street  
Brooklyn, New York (Block 3200, Lot 19)

PROJECT NO.: 220872.02

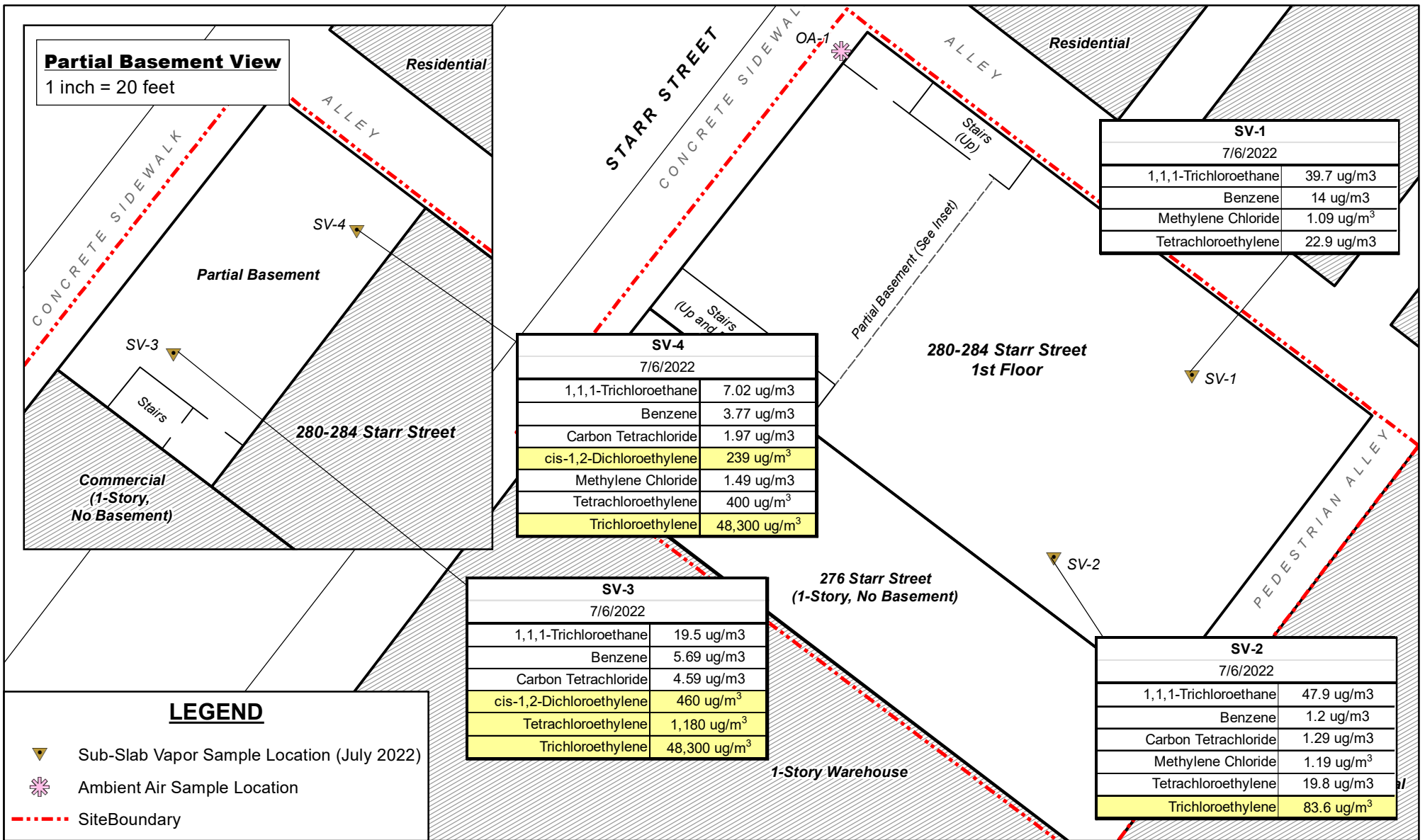
REV: 1

PREPARED BY: JRY

DATE: AUGUST 7, 2025

SCALE: 1" = 1,000'

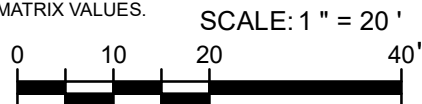
APPROVED BY: JPC



**NOTE:** THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION.  
NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN

**NOTE:** BUILDING FEATURES ARE APPROXIMATE AND BASED ON BBG PHASE II SITE SKETCHES.

**NOTE:** HIGHLIGHTED ROWS IN CALLOUT BOXES REPRESENT VOCs THAT EXCEED NYS DOH SOIL VAPOR DECISION MATRIX VALUES.



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## Figure 5 - Sub-slab Soil Vapor Sampling Locations - July 6, 2022

### Churches United For Fair Housing

276-284 Starr Street  
Brooklyn, New York (Block 3200, Lot 19)

PROJECT NO.: 220872.02

REV: 1

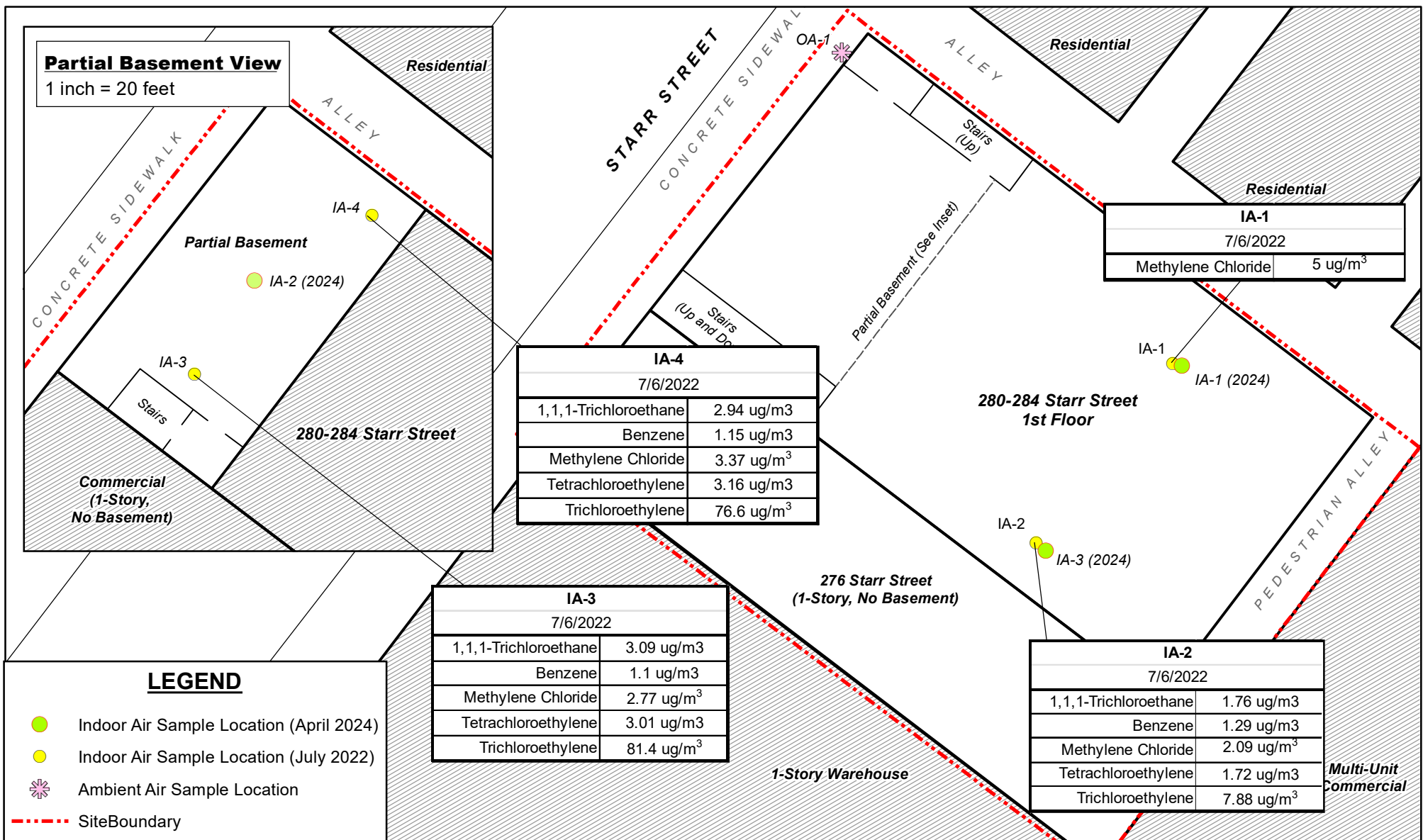
PREPARED BY: JRY

DATE: JULY 15, 2025

SCALE: 1" = 20'

APPROVED BY: JPC

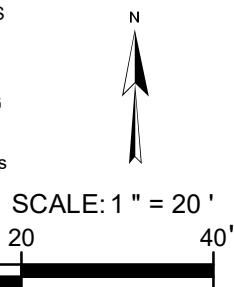




**NOTE:** THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION.  
NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN

**NOTE:** BUILDING FEATURES ARE APPROXIMATE AND BASED ON BBG PHASE II SITE SKETCHES.

**NOTE:** HIGHLIGHTED ROWS IN CALLOUT BOXES REPRESENT VOCs THAT EXCEED NYS DOH INDOOR AIR DECISION MATRIX VALUES.



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**Figure 6 - Indoor Air Sampling Locations July 6, 2022**

**Churches United For Fair Housing**

276-284 Starr Street  
Brooklyn, New York (Block 3200, Lot 19)

PROJECT NO.: 220872.02

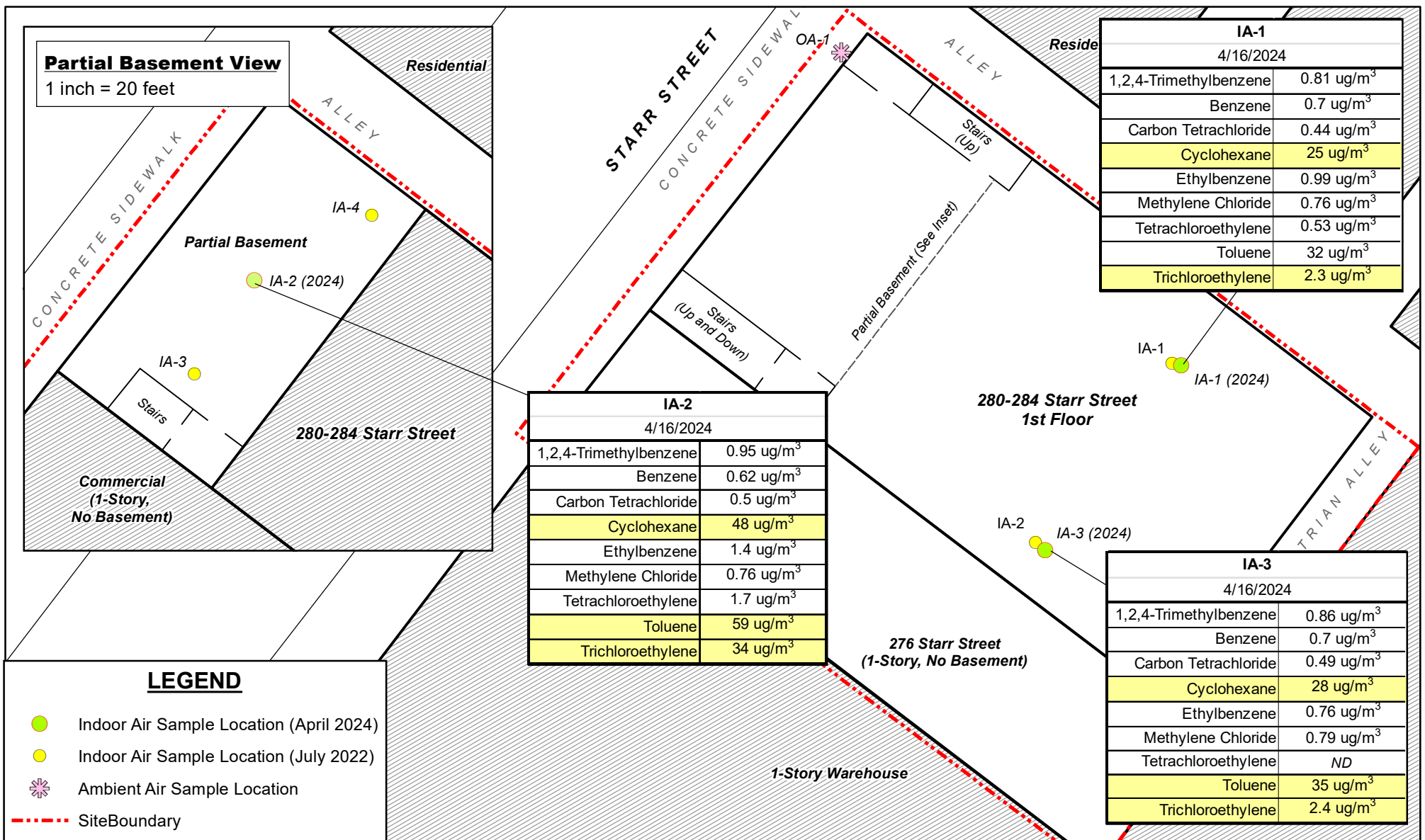
REV: 1

PREPARED BY: JRY

DATE: JULY 15, 2025

SCALE: 1" = 20'

APPROVED BY: JPC

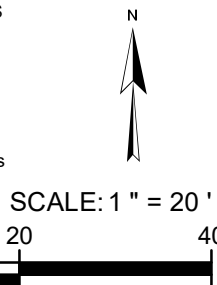


**NOTE:** THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION.

NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN

**NOTE:** BUILDING FEATURES ARE APPROXIMATE AND BASED ON BBG PHASE II SITE SKETCHES.

**NOTE:** HIGHLIGHTED ROWS IN CALLOUT BOXES REPRESENT VOCs THAT EXCEED NYS DOH INDOOR AIR DECISION MATRIX VALUES.



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## Figure 7 - Indoor Air Sampling Locations April 16, 2024

### Churches United For Fair Housing

276-284 Starr Street  
Brooklyn, New York (Block 3200, Lot 19)

PROJECT NO.: 220872.02

REV: 1

PREPARED BY: JRY

DATE: JULY 15, 2025

SCALE: 1" = 20'

APPROVED BY: JPC



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### **3. PROPERTY DESCRIPTION NARRATIVE**

---

## **BCP APPLICATION – PROPERTY DESCRIPTION NARRATIVE**

### **276-284 Starr Street, Brooklyn, NY**

#### Location

The Churches United For Fair Housing (CUFFH) property is located in an urban area at 276-284 Starr Street (Brooklyn Block 3200, Lot 19).

#### Site Features

The property contains a two-story former industrial building and a one-story southern addition. The property is surrounded by buildings used for residential and commercial purposes. No surface water is present in or around the subject property.

#### Current Zoning and Land Use

The subject property is located in the M1-1 zoning district and is to be used for the organization's offices. . It was most recently operated as an antique store. Between 15 and 25 CUFFH staff will work in the building, primarily limited to typical business hours. No residential use of the property is proposed. The nearest residential area is the neighboring property to the Northeast.

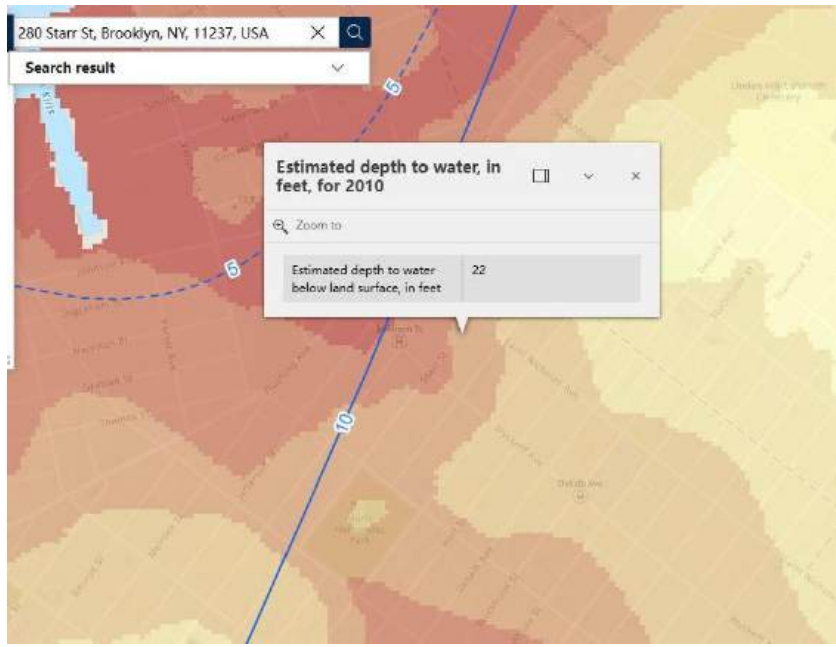
#### Past Use of the Site

The Subject Property was undeveloped land until 1920, when it was developed with the current building for light manufacturing purposes. In 1933 the building was occupied by a company that manufactured store fixtures. Between 1937 and 1965 it was occupied by a machine shop of the Queens Machine Corporation. Between 1970 and 2008 the building was occupied by garment companies, such as Quarex Knitting Mills (1970-1973) and PJ Knitting Mills Inc. (1985-2008). In 2022 the subject property's historical operations were identified as an REC due to the likelihood that petroleum products or hazardous substances (e.g. solvents or degreasers) had been stored, managed or generated on the property, and since the potential for leaks, spills or discharges of these materials could not be ruled out. a vent pipe on the front (northern) façade of the building facing Starr Street was also identified. Due to the density of stored materials within the basement, the current or former presence of an aboveground storage tank (AST) or underground storage tank (UST) could not be fully evaluated, and the vent pipe was therefore identified as an REC. The presence of a hydraulic-driven freight elevator within the building was also identified as a business environmental risk (BER). In April 2023, an affidavit describing the closure of a 1,080-gallon fuel oil tank was identified in property records. The affidavit states that the work was completed in April 2001 by Vito Valentini of Kings Boilers, Inc. and included the purging and permanent sealing of the tank (i.e. closed-in-place).



### Site Geology and Hydrogeology

The property is underlain by glacial till deposits, consisting of well graded clasts in a silty sand matrix, relatively impermeable and with low hydraulic conductivity values. The estimated groundwater depth is 22 ft below land surface and the ground water flow is generally to the West.



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## **4. ENVIRONMENTAL ASSESSMENT**

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## Environmental Assessment

Based upon investigations conducted to date, the primary contaminants of concern for the site include the VOCs cis-1,2-dichloroethylene, cyclohexane, tetrachloroethylene, and toluene.

*Soil* – Soil investigations have not been conducted and will be performed as part of the proposed Remedial Investigation.

*Groundwater* – Groundwater investigations have not been conducted and will be performed as part of the proposed Remedial Investigation.

*Soil Vapor & Indoor Air* – The highest concentration of VOCs on-site were detected in the partial basement in the Northwest section of the building. Cis-1,2-dichloroethylene was detected in sub slab soil vapor samples at concentrations (up to 460 ug/m<sup>3</sup>) above its NYSDOH Final VI Guidance Mitigation Level and in indoor samples at concentrations above up to 0.42 ug/m<sup>3</sup>. Cyclohexane was not analyzed in sub slab soil vapor samples but was detected in indoor samples at concentrations above its NYSDOH Final VI Guidance Mitigation Level (up to 48 ug/m<sup>3</sup>). Tetrachloroethylene was detected in sub slab soil vapor samples at concentrations above its NYSDOH Final VI Guidance Mitigation Level (up to 1,180 ug/m<sup>3</sup>), and in indoor air samples at concentrations up to 3.16 ug/m<sup>3</sup>. Toluene was not analyzed in the sub slab soil vapor samples sub slab soil vapor samples but was detected in indoor air samples at concentrations above its NYSDOH Final VI Guidance Mitigation Level (up to 59 ug/m<sup>3</sup>). Trichloroethene was detected in sub slab soil vapor samples and in indoor air samples at concentrations above its NYSDOH Final VI Guidance Mitigation Levels (up to 48,300 ug/m<sup>3</sup> in soil gas and up to 81.4 ug/m<sup>3</sup> in indoor air).

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## 5. DATA TABLE AND ANALYTICAL RESULTS

---



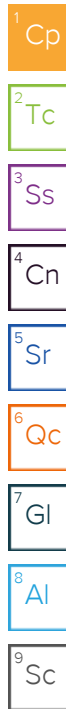
**SUMMARY OF SOIL GAS AND INDOOR AIR DETECTIONS**  
**276-284 STARR STREET, BROOKLYN, NY**  
**JULY 15, 2025**

Analytes	Total Detections	Max. Detection ( $\mu\text{g}/\text{m}^3$ )	Type
1,1,1-Trichloroethane	7	47.9	Soil vapor
1,2,4-Trimethylbenzene	3	0.95	Indoor air
2-Butanone	3	5	Indoor air
2-Hexanone	1	2.1	Indoor air
Acetone	3	60	Indoor air
Acrylonitrile	2	0.41	Indoor air
Benzene	11	14	Soil vapor
Carbon tetrachloride	6	4.59	Soil vapor
Chloroform	3	4.2	Indoor air
Chloromethane	3	1.4	Indoor air
cis-1,2-Dichloroethylene	3	460	Soil vapor
Cyclohexane	3	48	Indoor air
Dichlorodifluoromethane	3	3.2	Indoor air
Ethyl acetate	3	2.1	Indoor air
Ethyl Benzene	3	1.4	Indoor air
Isopropanol	3	200	Indoor air
Methylene chloride	11	5	Indoor air
n-Heptane	3	4.2	Indoor air
n-Hexane	3	2.3	Indoor air
o-Xylene	3	1.7	Indoor air
p- & m- Xylenes	3	5.2	Indoor air
p-Ethyltoluene	3	0.69	Indoor air
Propylene	3	4.2	Indoor air
Styrene	2	0.52	Indoor air
Tetrachloroethylene	9	1180	Soil vapor
Toluene	3	59	Indoor air
Trichloroethylene	9	48300	Soil vapor
Trichlorofluoromethane (Freon 11)	3	1.5	Indoor air



# ANALYTICAL REPORT

July 11, 2022



## BBG - San Diego, CA

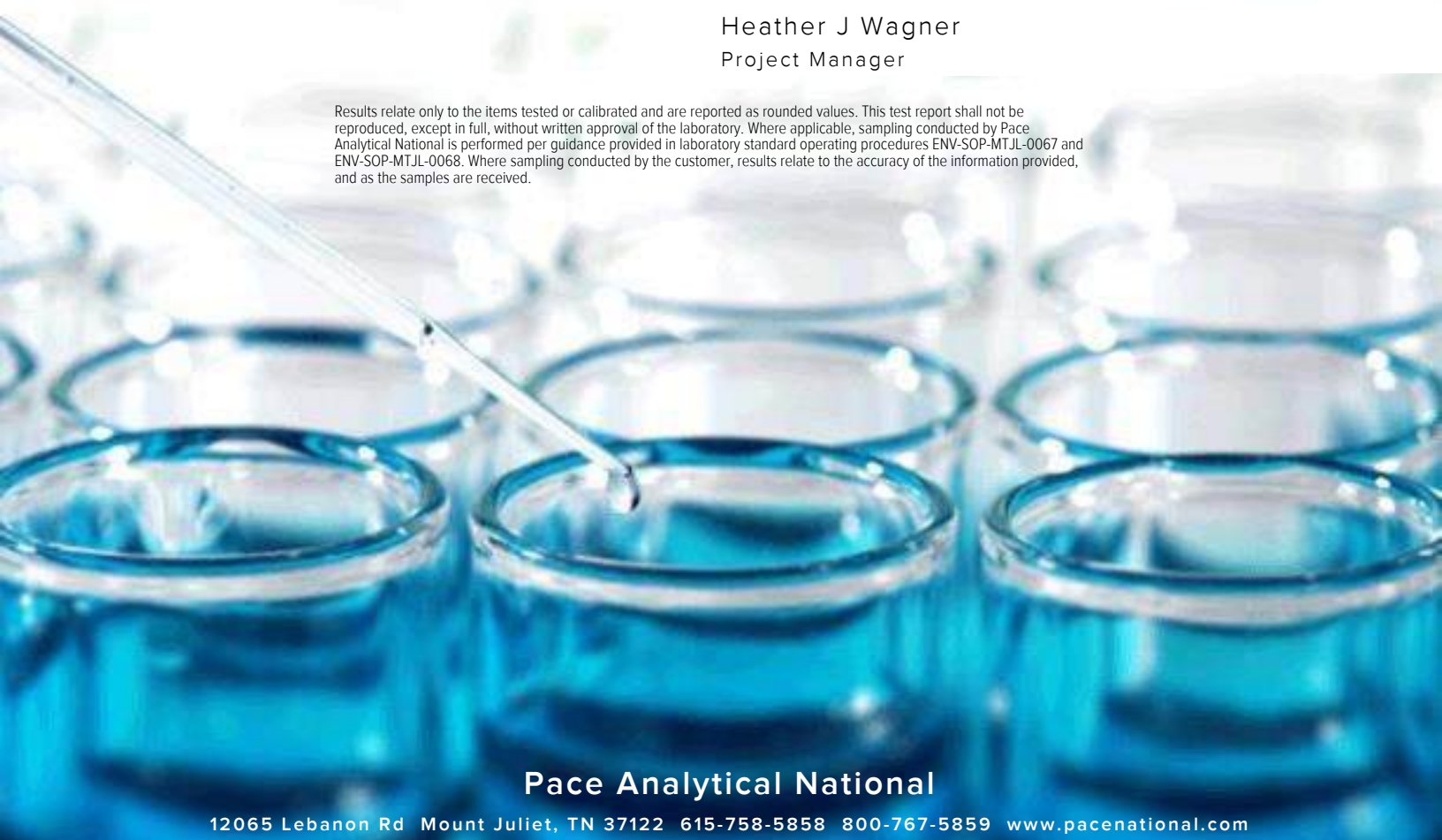
Sample Delivery Group: L1512623  
Samples Received: 07/07/2022  
Project Number: 0522008490  
Description: 280-284 Starr Street Brooklyn, NY

Report To: Matt Smelski  
11440 W. Bernardo Court  
Suite 104  
San Diego, CA 92127

Entire Report Reviewed By:

Heather J Wagner  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)



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<sup>1</sup> Cp
<sup>2</sup> Tc
<sup>3</sup> Ss
<sup>4</sup> Cn
<sup>5</sup> Sr
<sup>6</sup> Qc
<sup>7</sup> Gl
<sup>8</sup> Al
<sup>9</sup> Sc

# SAMPLE SUMMARY

## SV1 L1512623-01 Air

				Collected by Frank G	Collected date/time 07/06/22 10:05	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 15:10	07/08/22 15:10	DAH	Mt. Juliet, TN

## SV2 L1512623-02 Air

				Collected by Frank G	Collected date/time 07/06/22 10:16	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 15:48	07/08/22 15:48	DAH	Mt. Juliet, TN

## SV3 L1512623-03 Air

				Collected by Frank G	Collected date/time 07/06/22 10:31	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 16:25	07/08/22 16:25	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1892371	50	07/09/22 20:15	07/09/22 20:15	FKG	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1893092	400	07/11/22 15:30	07/11/22 15:30	MBF	Mt. Juliet, TN

## SV4 L1512623-04 Air

				Collected by Frank G	Collected date/time 07/06/22 10:40	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 17:03	07/08/22 17:03	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1892371	50	07/09/22 20:53	07/09/22 20:53	FKG	Mt. Juliet, TN

## IA1 L1512623-05 Air

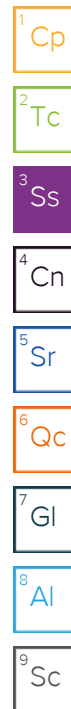
				Collected by Frank G	Collected date/time 07/06/22 16:17	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	2	07/08/22 22:10	07/08/22 22:10	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1892371	5	07/09/22 22:50	07/09/22 22:50	FKG	Mt. Juliet, TN

## IA2 L1512623-06 Air

				Collected by Frank G	Collected date/time 07/06/22 16:18	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 17:41	07/08/22 17:41	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1892371	1	07/09/22 18:19	07/09/22 18:19	FKG	Mt. Juliet, TN

## IA3 L1512623-07 Air

				Collected by Frank G	Collected date/time 07/06/22 16:22	Received date/time 07/07/22 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 18:20	07/08/22 18:20	DAH	Mt. Juliet, TN



# SAMPLE SUMMARY

## IA4 L1512623-08 Air

Collected by  
Frank G

Collected date/time  
07/06/22 16:24

Received date/time  
07/07/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 18:58	07/08/22 18:58	DAH	Mt. Juliet, TN

## OA1 L1512623-09 Air

Collected by  
Frank G

Collected date/time  
07/06/22 16:31

Received date/time  
07/07/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1891869	1	07/08/22 19:36	07/08/22 19:36	DAH	Mt. Juliet, TN

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	4.39	14.0		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.314	1.09	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	3.37	22.9		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	1.01	3.80		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	7.30	39.7		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	<a href="#">WG1891869</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		101				<a href="#">WG1891869</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	0.375	1.20		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	0.205	1.29		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.343	1.19	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	2.91	19.8		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	8.81	47.9		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	0.200	1.07	15.6	83.6		1	<a href="#">WG1891869</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.8				<a href="#">WG1891869</a>

1  
Cp2  
Tc3  
Ss4  
Cn5  
Sr6  
Qc7  
Gl8  
Al9  
Sc



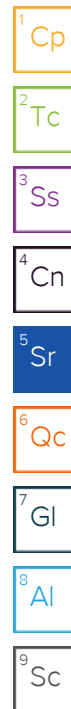
## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	1.78	5.69		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	0.729	4.59		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	10.0	39.6	116	460		50	<a href="#">WG1892371</a>
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	10.0	67.9	174	1180		50	<a href="#">WG1892371</a>
Toluene	108-88-3	92.10	0.500	1.88	1.44	5.42		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	3.59	19.5		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	80.0	429	9020	48300		400	<a href="#">WG1893092</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.3				<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.5				<a href="#">WG1892371</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		94.3				<a href="#">WG1893092</a>

1  
Cp2  
Tc3  
Ss4  
Cn5  
Sr6  
Qc7  
Gl8  
Al9  
Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	1.18	3.77		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	0.313	1.97		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	60.3	239		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.429	1.49	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	58.9	400		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	1.24	4.67		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	1.29	7.02		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	10.0	53.6	2470	13200		50	<a href="#">WG1892371</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.5				<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.2				<a href="#">WG1892371</a>



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	1.00	3.19	ND	ND		5	<a href="#">WG1892371</a>
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	1.00	4.34	ND	ND		5	<a href="#">WG1892371</a>
Methylene Chloride	75-09-2	84.90	0.400	1.39	1.44	5.00	B	2	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	1.00	6.79	ND	ND		5	<a href="#">WG1892371</a>
Toluene	108-88-3	92.10	2.50	9.42	4.68	17.6		5	<a href="#">WG1892371</a>
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	1.00	5.36	ND	ND		5	<a href="#">WG1892371</a>
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	2.00	8.67	ND	ND		5	<a href="#">WG1892371</a>
o-Xylene	95-47-6	106	1.00	4.34	ND	ND		5	<a href="#">WG1892371</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		105				<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.1				<a href="#">WG1892371</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



# Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	0.403	1.29		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	0.486	2.11		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.602	2.09	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.253	1.72		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	5.59	21.1		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	0.323	1.76		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	0.200	1.07	1.47	7.88		1	<a href="#">WG1892371</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	1.52	6.59		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	0.567	2.46		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		101				<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.7				<a href="#">WG1892371</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	0.344	1.10		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	0.695	3.01		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.799	2.77	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.444	3.01		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	20.6	77.6		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	0.568	3.09		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	0.200	1.07	15.2	81.4		1	<a href="#">WG1891869</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	1.90	8.24		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	0.688	2.98		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.7				<a href="#">WG1891869</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	0.359	1.15		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	0.649	2.81		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.971	3.37	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.466	3.16		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	19.1	71.9		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	0.540	2.94		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	0.200	1.07	14.3	76.6		1	<a href="#">WG1891869</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	1.81	7.85		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	0.658	2.85		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		100				<a href="#">WG1891869</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

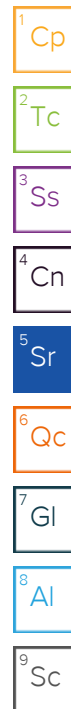
8Al

9Sc



## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.200	0.639	0.238	0.760		1	<a href="#">WG1891869</a>
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	<a href="#">WG1891869</a>
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	<a href="#">WG1891869</a>
Ethylbenzene	100-41-4	106	0.200	0.867	0.393	1.70		1	<a href="#">WG1891869</a>
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.546	1.90	B	1	<a href="#">WG1891869</a>
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	<a href="#">WG1891869</a>
Toluene	108-88-3	92.10	0.500	1.88	1.90	7.16		1	<a href="#">WG1891869</a>
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	<a href="#">WG1891869</a>
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	<a href="#">WG1891869</a>
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	<a href="#">WG1891869</a>
m&p-Xylene	1330-20-7	106	0.400	1.73	0.929	4.03		1	<a href="#">WG1891869</a>
o-Xylene	95-47-6	106	0.200	0.867	0.331	1.44		1	<a href="#">WG1891869</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		101				<a href="#">WG1891869</a>



Method Blank (MB)

(MB) R3812521-2 07/08/22 08:47

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0715	0.200
Carbon tetrachloride	U		0.0732	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
Ethylbenzene	U		0.0835	0.200
Methylene Chloride	0.136	U	0.0979	0.200
Tetrachloroethylene	U		0.0814	0.200
Toluene	U		0.0870	0.500
1,1,1-Trichloroethane	U		0.0736	0.200
Trichloroethylene	U		0.0680	0.200
Vinyl chloride	U		0.0949	0.200
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
(S) 1,4-Bromofluorobenzene	96.4			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3812521-1 07/08/22 08:10 • (LCSD) R3812521-3 07/08/22 09:52

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	3.75	4.21	3.99	112	106	70.0-130			5.37	25
Carbon tetrachloride	3.75	4.10	3.96	109	106	70.0-130			3.47	25
1,1-Dichloroethene	3.75	4.03	3.81	107	102	70.0-130			5.61	25
cis-1,2-Dichloroethene	3.75	3.91	3.78	104	101	70.0-130			3.38	25
Ethylbenzene	3.75	4.16	3.97	111	106	70.0-130			4.67	25
Methylene Chloride	3.75	3.53	3.36	94.1	89.6	70.0-130			4.93	25
Tetrachloroethylene	3.75	4.41	4.26	118	114	70.0-130			3.46	25
Toluene	3.75	4.18	4.05	111	108	70.0-130			3.16	25
1,1,1-Trichloroethane	3.75	4.03	3.88	107	103	70.0-130			3.79	25
Trichloroethylene	3.75	4.22	4.11	113	110	70.0-130			2.64	25
Vinyl chloride	3.75	4.00	3.82	107	102	70.0-130			4.60	25
m&p-Xylene	7.50	8.33	8.02	111	107	70.0-130			3.79	25
o-Xylene	3.75	4.10	3.95	109	105	70.0-130			3.73	25
(S) 1,4-Bromofluorobenzene				98.5	97.9	60.0-140				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3812884-3 07/09/22 06:16

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0715	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
Ethylbenzene	U		0.0835	0.200
Tetrachloroethylene	U		0.0814	0.200
Toluene	U		0.0870	0.500
Trichloroethylene	U		0.0680	0.200
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
(S) 1,4-Bromofluorobenzene	93.6			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3812884-1 07/09/22 04:55 • (LCSD) R3812884-2 07/09/22 05:36

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	3.75	4.67	4.73	125	126	70.0-130			1.28	25
cis-1,2-Dichloroethene	3.75	4.65	4.69	124	125	70.0-130			0.857	25
Ethylbenzene	3.75	4.70	4.74	125	126	70.0-130			0.847	25
Tetrachloroethylene	3.75	4.50	4.55	120	121	70.0-130			1.10	25
Toluene	3.75	4.61	4.65	123	124	70.0-130			0.864	25
Trichloroethylene	3.75	4.47	4.58	119	122	70.0-130			2.43	25
m&p-Xylene	7.50	9.45	9.51	126	127	70.0-130			0.633	25
o-Xylene	3.75	4.58	4.66	122	124	70.0-130			1.73	25
(S) 1,4-Bromofluorobenzene				97.9	97.6	60.0-140				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3813319-3 07/11/22 10:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Trichloroethylene	U		0.0680	0.200
(S) 1,4-Bromofluorobenzene	95.0			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3813319-1 07/11/22 09:19 • (LCSD) R3813319-2 07/11/22 10:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
Trichloroethylene	3.75	4.59	4.59	122	122	70.0-130			0.000	25
(S) 1,4-Bromofluorobenzene				96.2	97.2	60.0-140				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

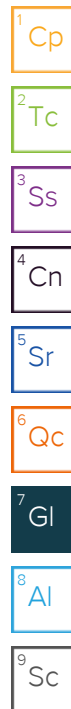
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

### Qualifier Description

B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.



# ACCREDITATIONS & LOCATIONS

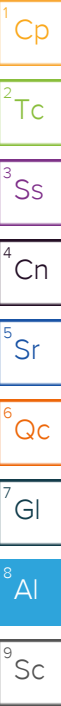
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1 6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1 4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		


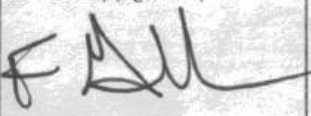


<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.





Company Name/Address: <b>BBG - San Diego, CA</b>  11440 W. Bernardo Court Suite 104			Billing Information: <b>BBG Accounts Payable</b> 11440 W. Bernardo Court  Suite 104 San Diego, CA 92127			Analysis			Chain of Custody Page <u>1</u> of <u>1</u>		
Report To: <b>Matt Smelski</b>			Email To: msmelski@bbgres.com						 PEOPLE ADVANCING SCIENCE <b>MT JULIET, TN</b> <small>12065 Lebanon Road Mt Juliet, TN 37122          Phone: 615-758-5858 Alt: 800-767-5859          Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <a href="https://info.pacelabs.com/hubfs/pas-standard-terms.pdf">https://info.pacelabs.com/hubfs/pas-standard-terms.pdf</a></small>		
Project Description: <b>280-284 Starr Street Brooklyn, NY</b>			City/State Collected: <b>BROOKLYN, NY</b>			Please Circle: PT MT CT ET					
Phone: <b>559-441-3227</b>		Client Project # <b>0522008490</b>		Lab Project # <b>BBGSDCA-280-284 STAR</b>					SDG # <b>U512623</b> <b>J054</b>		
Collected by (print): <b>FRANK GALDUN</b>		Site/Facility ID #		P.O. #					Acctnum: <b>BBGSDCA</b> Template: <b>T211713</b> Prelogin: <b>P933516</b> PM: <b>873 - Heather J Wagner</b> PB: <i>Gal</i>		
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Three Day <input type="checkbox"/> Next Day <input type="checkbox"/> Five Day <input checked="" type="checkbox"/> Two Day		Date Results Needed					Shipped Via: <b>FedEx Ground</b>		
Sample ID		Can #	Flow Cont. #	Date	Time	Initial	Final	TO-15 Summa		Rem./Contaminant	
SU1		011996	008401	7/6/22	0905	29.5	0	X		-01	
SU2		021149	012366	7/6/22	0916	29	7	X		-02	
SU3		006909	005872	7/6/22	0931	29	4	X		-03	
SU4		012358	012350	7/6/22	0940	28.5	8	X		-04	
IA1		008762	009394	7/6/22	0817	29.5	16	X		-05	
IA2		011239	020159	7/6/22	0818	29.5	4.5	X		-06	
IA3		020413	021517	7/6/22	0822	OVER 30	4	X		-07	
IA4		007226	007510	7/6/22	0824	29	1.5	X		-08	
OAI		012551	006363	7/6/22	0831	OVER 30	9	X		-09	
Remarks: <b>REPORT ONLY: PCE, TCE, cis-1,2-DCE, 1,1-DCE, 1,1,1-TEA, CARBON TET., METHYLENE CHLORIDE, VINYL CHLORIDE, BTEX</b> <b>NOTE: IA1 REGULATOR EXTREMELY SLOW DRAW.</b>											
Relinquished by: (Signature) 				Date: <b>6/6/22</b>		Time: <b>7:20 PM</b>		Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #	
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)		Hold #	
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)		Condition: (lab use only)	
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature) 		COC Seal Intact: <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	
Relinquished by: (Signature)				Date:		Time:		Date: <b>7-7</b>		Time: <b>9:00</b>	



# Technical Report

prepared for:

**Liberty Environmental, Inc**

600 3rd Avenue, 2nd Floor

New York NY, 10016

**Attention: Andre Matthews**

Report Date: 04/22/2024

**Client Project ID: 280-284 Starr Street**

York Project (SDG) No.: 24D1066

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/22/2024  
Client Project ID: 280-284 Starr Street  
York Project (SDG) No.: 24D1066

**Liberty Environmental, Inc**  
600 3rd Avenue, 2nd Floor  
New York NY, 10016  
Attention: Andre Matthews

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 17, 2024 and listed below. The project was identified as your project: **280-284 Starr Street**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24D1066-01	IA-1	Indoor Ambient Air	04/16/2024	04/17/2024
24D1066-02	IA-2	Indoor Ambient Air	04/16/2024	04/17/2024
24D1066-03	IA-3	Indoor Ambient Air	04/16/2024	04/17/2024



## **General Notes for York Project (SDG) No.: 24D1066**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 04/22/2024





## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 24D1066-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 8:55 am

04/17/2024

### **VOA, TO15 Isooctane (2,2,4-TMP) Add On**

### **Log-in Notes:**

### **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ppbv	0.0392	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR

### **Volatile Organics, EPA TO15 Full List**

### **Log-in Notes:**

### **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.54	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.43	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.54	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.60	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.43	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.32	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.078	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CC V, TO-LC S-L	ug/m <sup>3</sup>	0.58	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>0.81</b>		ug/m <sup>3</sup>	0.39	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.60	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.47	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.32	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.36	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.55	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.39	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR



## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 24D1066-01

York Project (SDG) No.

24D1066

Client Project ID

280-284 Starr Street

Matrix

Indoor Ambient Air

Collection Date/Time

April 16, 2024 8:55 am

Date Received

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.52	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.47	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.36	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.47	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.56	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
78-93-3	<b>2-Butanone</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.23	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.64	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.2	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.32	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
67-64-1	<b>Acetone</b>	<b>26</b>		ug/m <sup>3</sup>	1.4	2,942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/22/2024 16:23	YR
107-13-1	<b>Acrylonitrile</b>	<b>0.41</b>		ug/m <sup>3</sup>	0.17	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
71-43-2	<b>Benzene</b>	<b>0.70</b>		ug/m <sup>3</sup>	0.25	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
100-44-7	Benzyl chloride	ND	TO-CC V	ug/m <sup>3</sup>	0.41	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.53	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	0.81	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.30	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.24	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
56-23-5	<b>Carbon tetrachloride</b>	<b>0.44</b>		ug/m <sup>3</sup>	0.12	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.36	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR



## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 24D1066-01

York Project (SDG) No.

24D1066

Client Project ID

280-284 Starr Street

Matrix

Indoor Ambient Air

Collection Date/Time

April 16, 2024 8:55 am

Date Received

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.21	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
67-66-3	<b>Chloroform</b>	<b>0.42</b>		ug/m <sup>3</sup>	0.38	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
74-87-3	<b>Chloromethane</b>	<b>1.4</b>		ug/m <sup>3</sup>	0.16	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.078	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.36	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
110-82-7	<b>Cyclohexane</b>	<b>25</b>		ug/m <sup>3</sup>	0.27	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.67	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.6</b>		ug/m <sup>3</sup>	0.39	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
141-78-6	<b>* Ethyl acetate</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.56	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
100-41-4	<b>Ethyl Benzene</b>	<b>0.99</b>		ug/m <sup>3</sup>	0.34	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	0.84	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
67-63-0	<b>Isopropanol</b>	<b>200</b>	B	ug/m <sup>3</sup>	3.6	2.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/22/2024 16:23	YR
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.32	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.28	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-09-2	<b>Methylene chloride</b>	<b>0.76</b>		ug/m <sup>3</sup>	0.54	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
91-20-3	<b>* Naphthalene</b>	ND	TO-CC V	ug/m <sup>3</sup>	0.82	0.784	EPA TO-15 Certifications: NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
142-82-5	<b>n-Heptane</b>	<b>2.4</b>		ug/m <sup>3</sup>	0.32	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
110-54-3	<b>n-Hexane</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.28	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
95-47-6	<b>o-Xylene</b>	<b>1.6</b>		ug/m <sup>3</sup>	0.34	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>3.8</b>		ug/m <sup>3</sup>	0.68	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR





## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 24D1066-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 8:55 am

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	0.66		ug/m <sup>3</sup>	0.39	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
115-07-1	* Propylene	2.1		ug/m <sup>3</sup>	0.13	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
100-42-5	Styrene	0.33		ug/m <sup>3</sup>	0.33	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
127-18-4	Tetrachloroethylene	0.53		ug/m <sup>3</sup>	0.53	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.46	0.784	EPA TO-15 Certifications:	04/19/2024 12:00	04/19/2024 23:31	YR
108-88-3	Toluene	32		ug/m <sup>3</sup>	0.30	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.31	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.36	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
79-01-6	Trichloroethylene	2.3		ug/m <sup>3</sup>	0.11	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m <sup>3</sup>	0.44	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.28	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.34	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.10	0.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/19/2024 23:31	YR

## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 24D1066-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 9:00 am

04/17/2024

### VOA, TO15 Isooctane (2,2,4-TMP) Add On

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ppbv	0.0438	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR



## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 24D1066-02

York Project (SDG) No.

24D1066

Client Project ID

280-284 Starr Street

Matrix

Indoor Ambient Air

Collection Date/Time

April 16, 2024 9:00 am

Date Received

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.60	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.48	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.60	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.67	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.48	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.35	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.087	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CC V, TO-LC S-L	ug/m <sup>3</sup>	0.65	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>0.95</b>		ug/m <sup>3</sup>	0.43	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.67	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.53	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.35	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.40	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.61	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.43	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.58	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.53	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.40	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.53	0.876	EPA TO-15 Certifications:	04/19/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/20/2024 00:17	YR



## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 24D1066-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 9:00 am

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.63	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
78-93-3	2-Butanone	5.0		ug/m <sup>3</sup>	0.26	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
591-78-6	* 2-Hexanone	2.1		ug/m <sup>3</sup>	0.72	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.4	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.36	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
67-64-1	Acetone	60		ug/m <sup>3</sup>	0.42	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
107-13-1	Acrylonitrile	0.21		ug/m <sup>3</sup>	0.19	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
71-43-2	Benzene	0.62		ug/m <sup>3</sup>	0.28	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
100-44-7	Benzyl chloride	ND	TO-CC V	ug/m <sup>3</sup>	0.45	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.59	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	0.91	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.34	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.27	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
56-23-5	Carbon tetrachloride	0.50		ug/m <sup>3</sup>	0.14	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.40	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.23	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
67-66-3	Chloroform	4.2		ug/m <sup>3</sup>	0.43	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
74-87-3	Chloromethane	1.2		ug/m <sup>3</sup>	0.18	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
156-59-2	cis-1,2-Dichloroethylene	0.42		ug/m <sup>3</sup>	0.087	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.40	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR



## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 24D1066-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 9:00 am

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	48		ug/m <sup>3</sup>	0.30	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.75	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-71-8	Dichlorodifluoromethane	3.2		ug/m <sup>3</sup>	0.43	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
141-78-6	* Ethyl acetate	1.3		ug/m <sup>3</sup>	0.63	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR
100-41-4	Ethyl Benzene	1.4		ug/m <sup>3</sup>	0.38	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	0.93	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
67-63-0	Isopropanol	4.5	B	ug/m <sup>3</sup>	1.1	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
80-62-6	Methyl Methacrylate	0.68		ug/m <sup>3</sup>	0.36	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.32	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-09-2	Methylene chloride	0.76		ug/m <sup>3</sup>	0.61	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
91-20-3	* Naphthalene	ND	TO-CC V	ug/m <sup>3</sup>	0.92	0.876	EPA TO-15 Certifications: NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
142-82-5	n-Heptane	4.2		ug/m <sup>3</sup>	0.36	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
110-54-3	n-Hexane	2.3		ug/m <sup>3</sup>	0.31	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
95-47-6	o-Xylene	1.7		ug/m <sup>3</sup>	0.38	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
179601-23-1	p- & m- Xylenes	5.2		ug/m <sup>3</sup>	0.76	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
622-96-8	* p-Ethyltoluene	0.65		ug/m <sup>3</sup>	0.43	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR
115-07-1	* Propylene	4.2		ug/m <sup>3</sup>	0.15	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR
100-42-5	Styrene	0.52		ug/m <sup>3</sup>	0.37	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
127-18-4	Tetrachloroethylene	1.7		ug/m <sup>3</sup>	0.59	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.52	0.876	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 00:17	YR
108-88-3	Toluene	59		ug/m <sup>3</sup>	0.33	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR





## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 24D1066-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 9:00 am

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	0.35		ug/m <sup>3</sup>	0.35	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.40	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
79-01-6	Trichloroethylene	34		ug/m <sup>3</sup>	0.12	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m <sup>3</sup>	0.49	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.31	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.38	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.11	0.876	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 00:17	YR

## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 24D1066-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1066

280-284 Starr Street

Indoor Ambient Air

April 16, 2024 9:05 am

04/17/2024

### VOA, TO15 Isooctane (2,2,4-TMP) Add On

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ppbv	0.0437	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.60	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.48	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.60	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR



## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 24D1066-03

York Project (SDG) No.

24D1066

Client Project ID

280-284 Starr Street

Matrix

Indoor Ambient Air

Collection Date/Time

April 16, 2024 9:05 am

Date Received

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.67	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.48	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.35	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.087	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CC V, TO-LC S-L	ug/m <sup>3</sup>	0.65	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>0.86</b>		ug/m <sup>3</sup>	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.67	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.53	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.35	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.40	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.61	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.58	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.53	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.40	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.53	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.63	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
78-93-3	<b>2-Butanone</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.26	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR



## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 24D1066-03

York Project (SDG) No.

24D1066

Client Project ID

280-284 Starr Street

Matrix

Indoor Ambient Air

Collection Date/Time

April 16, 2024 9:05 am

Date Received

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.72	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.4	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.36	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
67-64-1	Acetone	55		ug/m <sup>3</sup>	0.42	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	0.19	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
71-43-2	Benzene	0.70		ug/m <sup>3</sup>	0.28	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
100-44-7	Benzyl chloride	ND	TO-CC V	ug/m <sup>3</sup>	0.45	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.59	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	0.90	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.34	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.27	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
56-23-5	Carbon tetrachloride	0.49		ug/m <sup>3</sup>	0.14	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.40	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.23	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
67-66-3	Chloroform	0.47		ug/m <sup>3</sup>	0.43	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
74-87-3	Chloromethane	1.2		ug/m <sup>3</sup>	0.18	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.087	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.40	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR
110-82-7	Cyclohexane	28		ug/m <sup>3</sup>	0.30	0.874	EPA TO-15 Certifications:	04/19/2024 12:00	04/20/2024 01:02	YR



## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 24D1066-03

**York Project (SDG) No.**

24D1066

**Client Project ID**

280-284 Starr Street

**Matrix**

Indoor Ambient Air

**Collection Date/Time**

April 16, 2024 9:05 am

**Date Received**

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.74	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.6</b>		ug/m <sup>3</sup>	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
141-78-6	<b>* Ethyl acetate</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.63	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
100-41-4	<b>Ethyl Benzene</b>	<b>0.76</b>		ug/m <sup>3</sup>	0.38	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	0.93	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
67-63-0	<b>Isopropanol</b>	<b>7.4</b>	B	ug/m <sup>3</sup>	1.1	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
80-62-6	<b>Methyl Methacrylate</b>	<b>0.47</b>		ug/m <sup>3</sup>	0.36	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.32	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
75-09-2	<b>Methylene chloride</b>	<b>0.79</b>		ug/m <sup>3</sup>	0.61	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
91-20-3	* Naphthalene	ND	TO-CC V	ug/m <sup>3</sup>	0.92	0.874	EPA TO-15 Certifications: NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
142-82-5	<b>n-Heptane</b>	<b>2.5</b>		ug/m <sup>3</sup>	0.36	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
110-54-3	<b>n-Hexane</b>	<b>1.7</b>		ug/m <sup>3</sup>	0.31	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
95-47-6	<b>o-Xylene</b>	<b>0.99</b>		ug/m <sup>3</sup>	0.38	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>3.0</b>		ug/m <sup>3</sup>	0.76	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
622-96-8	<b>* p-Ethyltoluene</b>	<b>0.69</b>		ug/m <sup>3</sup>	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
115-07-1	<b>* Propylene</b>	<b>2.0</b>		ug/m <sup>3</sup>	0.15	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.37	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
127-18-4	Tetrachloroethylene	ND		ug/m <sup>3</sup>	0.59	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.52	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
108-88-3	<b>Toluene</b>	<b>35</b>		ug/m <sup>3</sup>	0.33	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR





## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 24D1066-03

York Project (SDG) No.

24D1066

Client Project ID

280-284 Starr Street

Matrix

Indoor Ambient Air

Collection Date/Time

April 16, 2024 9:05 am

Date Received

04/17/2024

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.35	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.40	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
79-01-6	<b>Trichloroethylene</b>	<b>2.4</b>		ug/m <sup>3</sup>	0.12	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.49	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.31	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.38	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.11	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 12:00	04/20/2024 01:02	YR





## Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

## Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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York Analytical Laboratories, Inc.  
120 Research Drive  
Stratford, CT 06615



clientservices@yorklab.com  
www.yorklab.com

# Field Chain-of-Custody Record - AIR

YORK Project No.

24D1065

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. signature binds you to YORK's Standard Terms & Conditions.

Your

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com	Company: Liberty Environmental Address: 505 Penn Street Reading, PA Phone: Contact: E-mail: cher@libertyenviro.com
Samples Collected by: (print your name above and sign below) Andre Matthews		Air Matrix Codes AI - Indoor Ambient Air AO - Outdoor Amb. Air AE - Vapor Extraction Well/ Process Gas/Effluent AS - Soil Vapor/Sub-Slab		Samples From New York New Jersey Connecticut Pennsylvania Other		Report / EDD Type (circle selections) CT RCP CT RCP DQ/DUE NJDEP Reduced Deliv. NJDEP SRP HazSite		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Certified Canisters: Batch Individual		Please enter the following REQUIRED Field Data		Reporting Units: ug/m <sup>3</sup> ppbv ppmv		Analysis Requested			
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID			
IA-1	4/16/24, 8:55am	A1	-30	-4	34497	20483	Benzene, Carbon tetrachloride,		
IA-2	4/16/24, 9:00am	A1	-29	-8	10113	19391	1,1 Dichloroethene, Cis-1,2		
IA-3	4/16/24, 9:05am	A1	-30	-6	10728	17987	Dichloroethene, Ethylbenzene,		
							Methylene Chloride, Tetrachloroethylene,		
							Toluene, 1,1,1-Trichloroethane,		
							Trichloroethylene, Vinyl Chloride,		
							m,p-Xylene, o-Xylene		
Comments:		Detection Limits Required		Sampling Media					
		≤ 1 ug/m <sup>3</sup> Routine Survey		NYSDEC/V1 Limits		6 Liter Canister			
		Samples Relinquished by / Company		Samples Relinquished by / Company		Tedlar Bag			
Liberty Environmental		4/16/24 8:58		4/16/24 8:58		Date/Time			
Andre Matthews		4/16/24 1441		4/16/24 1441		Date/Time			
4/16/24 1441		4/16/24 1441		4/16/24 1441		Date/Time			
4/16/24 1441		4/16/24 1441		4/16/24 1441		Date/Time			
4/16/24 1441		4/16/24 1441		4/16/24 1441		Date/Time			

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## **6. PROJECT SCHEDULE**

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**BCP PROJECT SCHEDULE**  
**276-284 STARR STREET, BROOKLYN, NY**

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10
	Sept 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	June 2026
NYSDEC RIWP/IRM WP Approvals										
Remedial Investigation*										
Pressure Field Extention Test										
SSDS Re-Design (if needed)										
NYSDEC Review										
Remediation System Construction										
Indoor Air Sampling										
Prepare/Submit SMP and FER										
NYSDEC Issues COC**										
Monitoring Well Abandonment										
Begin SSDS Monitoring										

Notes

\* Remedial Program is intended to begin on October 1, 2025

\*\* Anticipated date NYSDEC issues Certificate of Completion is May 29, 2026

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## **7. GREEN AND SUSTAINABLE REMEDIATION DISCUSSION**

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## **Green and Sustainable Remediation**

Green and sustainable remediation principles and techniques will be implemented to the extent feasible in the design, implementation and site management of the remedy. This will be accomplished by performing carbon footprint evaluations in accordance with NYSDEC's "DER-31/Green Remediation". This specifically will include evaluation of remedial alternatives and their respective carbon footprints through the use of the U.S.EPA's Spreadsheets for Environmental Footprint Analysis (SEFA). Additionally, EPA's BMPs related to green remediation will be considered for the selected remedial action(s).

Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial program, as appropriate. The project will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the Final Engineering Report (FER), including a comparison to the goals established during the remedial program.

The project is limited to interior renovations; therefore the project does not include renewable energy, greenways, green roofs, community spaces or re-use or recycling of on-site materials. Waste generation will be minimized during remediation. Energy efficient lighting will be incorporated into the interior renovation design in accordance with applicable New York City codes (e.g., Local Law 88).

Additionally, the remedial program will include a climate change vulnerability assessment, to evaluate the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the remedial program will incorporate measures to minimize the impact of climate change on potential identified vulnerabilities.



# Climate Screening Checklist

## Background Information

- Project Manager: **Jim Cinelli, P.E., P.G.**
- Site Name: **Churches United for Fair Housing**
- Site Number: **224230**
- Site Location: **276-284 Starr Street, Brooklyn, NY**
- Site Elevation (average above sea level): **34 feet (Google Earth)**



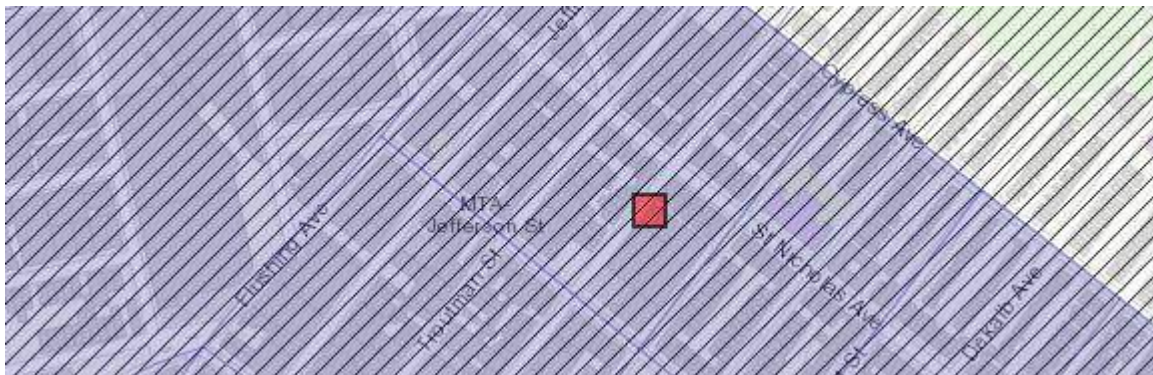
- ClimAID Region ([Responding Climate Change in New York State \(ClimAID\) - NYSED](#)): **Region 4—New York City and Long Island**



- Remedial Stage/site classification: **Stage 2 – Remedial Investigation/Class 2**
- Contamination - Media Impacted/ Contaminants of Concern: **Soil Vapor & Indoor Air; COCs – cis-1,2-DCE, TCE, PCE, cyclohexane, toluene.**
- Proposed/Current Remedy: **Sub-slab Depressurization**
- What is the predicted timeframe of the remedy? Will components of the remedy still be in place in 10+ years?
  - **Possibly >10 years.**
- Is the site in proximity to any sensitive receptors? (e.g. wetlands, waterbodies, residential properties, hospitals, schools, drinking water supplies, etc.) **No sensitive receptors are nearby. Starr Playground is 0.25 mile from the site and Maria Hernandez Park is 0.22 mile from the site. IS 349 School of Math, Science and Technology is 0.48 mile from the site. Wyckoff Heights Medical Center is 0.25 mile from the site.**

Is the site in a disadvantaged community (DAC) or potential environmental justice area (PEJA) (Use DECinfoLocator: [DECinfo Locator \(ny.gov\)](https://decinfo.locator.ny.gov/))? **The site is located in both a DAC and PEJA.**

☒ **Yes** ☐ **No**



If the site is in a DAC or PEJA, will climate impacts be magnified? If yes, list how and why.

☐ **Yes** ☒ **No**

Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

☐ **Yes** ☒ **No**

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### Climate Screening Table\*

Potential Climate Hazards	Relevant to the Site Location (Y/N/NA) <sup>1</sup>	Projected Change (Reference data source/Model) <sup>3</sup>	Potential to Impact Remedy (Y/N)	Is remedy/site already resilient? (Y/N) <sup>4</sup>
Precipitation	Y	N Based on RAPT	N/A	N/A
Temperature <sup>2</sup> (Extreme Heat or Cold Weather Impacts)	Y	Y	Y	Y – alarm and telemetry system for remote monitoring and notification of power outage
Sea Level Rise	N	N/A	N/A	N/A
Flooding	N	N/A	N/A	N/A
Storm Surge	N	N/A	N/A	N/A
Wildfire	N	N/A	N/A	N/A
Drought	N	N/A	N/A	N/A
Storm Severity	Y	Y Based on RAPT	Y	Y – alarm and telemetry system
Landslides	N	N/A	N/A	N/A
Other Hazards:	N/A	N/A	N/A	N/A

\* Links to potential data sources can be found on the following page

<sup>1</sup> If the first column is N --> The rest of the columns will be N/A, the hazard is not applicable to the site.

<sup>2</sup> Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 0 degrees F (NYSERDA ClimAID report)

<sup>3</sup> List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

<sup>4</sup> If final column is Y, provide reasoning, if the final column is N --> Climate Vulnerability Assessment (CVA) required.

**Required Next Steps (If no further action is required, provide justification):**

<p><b>Remediation systems will include an alarm and telemetry system for remote monitoring and notification of power outage</b></p>
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## **8. ZONING MAP AND ZONING/COMMUNITY MASTER PLAN CONSISTENCY**

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276 STARR STREET, 11237

Brooklyn (Borough 3) | Block 3200 | Lot 19



+ Add Another Tax Lot for Comparison

TAX LOT | BBL 3032000019

Zoning District: M1-1

INTERSECTING MAP LAYERS :

- FRESH Zone
- Appendix I

ZONING DETAILS:

- Digital Tax Map
- Zoning Map: 13b (PDF)
- Historical Zoning Maps (PDF)

Owner	Show Owner
Land Use	Mixed Residential & Commercial Buildings
Lot Area	8,000 sq ft
Lot Frontage	80 ft
Lot Depth	100 ft
Year Built	1931
Building Class	Store Buildings (Taxpayers Included) - Predominant Retail with Other Uses ( K4 )
Number of Buildings	1
Number of Floors	2
Gross Floor Area	13,500 sq ft
Total # of Units	1
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records
Community District	Brooklyn Community District 4
City Council District	Council District 34
School District	32
Police Precinct	83
Fire Company	L124
Sanitation Borough	3
Sanitation District	04
Sanitation Subsection	1B
Powered by ZoLa   zola.planning.nyc.gov   NYC Department of City Planning	

Zoning and Land Use

- Tax Lots

1
- Zoning Districts

1
- Commercial Districts
- Manufacturing Districts
- Residence Districts
- Parks
- Battery Park City
- Commercial Overlays

1
- C1-1 through C1-5
- C2-1 through C2-5

Basemaps

- Subways
- Building Footprints

1





Property Information Portal

276 STARR STREET - BROOKLYN 11237







**Borough:** Brooklyn

**Block:** 3200

**Lot:** 19



<b>LEGEND</b>		TAX_LOT_POLYGON	50	Tax Lot Number	TAX_LOT_FACE	
		TAX_BLOCK_POLYGON	50	Tax Block Number	Regular	
		BOUNDARY	50	Condo FKA Tax Lot Number	Underwater	
		POSSESSION_HOOK	C50	Condo Flag/Number	Unknown	
			A9000	Air Lot Flag/Number	50	Tax Lot Dimension
			S8000	Sub Lot Flag/Number	+/- 50	Approximate Tax Lot Dimension
			R	REUC Flag		

## M1-M3 Manufacturing Districts

Use	M1-1	M1-2	M1-3	M1-4	M1-5	M1-6	M2-1	M2-2	M2-3	M2-4	M3-1	M3-2
Residential												
Use Group 1-2												
Community Facility	*	*	*	*	*	*	*	*	*	*	*	*
Use Group 3-4												
Commercial												
Use Group 5-15												
General Service												
Use Group 16												
Manufacturing												
Use Group 17												
Use Group 18												
<b>Bulk</b>												
Manufacturing FAR	1.0	2.0	5.0	2.0	5.0	10.0	2.0	5.0	2.0	5.0	2.0	
<b>Parking</b>												
Required Accessory Manufacturing Parking (sq ft) PRC-B		1 per 300			None		1 per 300		None		1 per 300	None

Streetscape		Height Above Curb Level	Size of individual sign	Surface area
All Manufacturing Districts	Illuminated or flashing	40 ft	500 sf	5 X street frontage
	Accessory	Indirect illumination	750 sf	5 X street frontage
	Non-illuminated	75 ft	1,200 sf	6 X street frontage
Advertising	Indirect illumination	75 ft	750 sf	5 X street frontage
	Non-illuminated	75 ft	1,200 sf	6 X street frontage

### Consistency with Applicable Zoning Laws and Community Master Plans

The proposed use of the property as a non-profit office is consistent with the allowed uses in M1-1 zones. Allowed use groups are listed on the attached table from the NYC zoning website.

The proposed use is consistent with the *Bushwick Neighborhood Plan Update* (NYC Department of City Planning, 2018). The site is located in the plan's Industrial/Commercial Buffer Zone depicted below.



The site is not located within a coastal zone or Waterfront Access Plan area. The nearest coastal zone is approximately 0.25 mile north of the site.



The site is located within the Bushwick Brownfield Opportunity Area. Based on the *Bushwick Opprtounity Area – Step 2 Nomination Report* (April 2021), the subject is not designated as a strategic site.



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## **9. LISTS OF HISTORICAL OWNERS AND OPERATORS**

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### Current and Historical Property Owners Information

<b>Date</b>	<b>Block 2300 Lot 19 276-284 Starr Street</b>
<b>1/26/2024 - 8/7/2025</b> <b>Relationship to Requestor</b>	Churches United for Fair Housing, Inc. 7 Marcus Gavey, Brooklyn, NY 11206 <b>Requestor</b>
<b>2/11/2015 - 1/26/2024</b> <b>Relationship to Requestor</b>	Kochav Equities, LLC 399 Sands Street, Brooklyn, NY 11201 <b>None</b>
<b>1/15/2004 - 2/11/2015</b> <b>Relationship to Requestor</b>	Jeno Schiff 276 Starr Street, Brooklyn, NY 11237 <b>None</b>
<b>1/15/2004 – 11/30/2001</b> <b>Relationship to Requestor</b>	Ecksid Realty Corp. 276 Starr Street, Brooklyn, NY 11237 <b>None</b>
<b>11/30/2001 – 2/6/1992</b> <b>Relationship to Requestor</b>	First F & Realty LLC 262 Starr Street, Brooklyn, NY 11237 <b>None</b>
<b>1992 – 1/29/1979</b> <b>Relationship to Requestor</b>	S & T Management Corp. 50 Bridge Street, Brooklyn, NY 11201 <b>None</b>
<b>1/29/1979 –</b> <b>Relationship to Requestor</b>	Marie Lanthier Royal Stewart Arms, 305 Dunoon Bldg, Dunedin, Fl Richard M. Zimio Longwood Drive, Huntington Station, NY Emil Zimic (Deceased; Norma Zimic Individually and as executrix of the will) 57 Bradford Road, Vally Stream, NY <b>None</b>

### Known Historical Property Operator Information

<b>Date</b>	<b>Block 2300 Lot 19 276-280 Starr St.</b>
<b>2022 – January 2024</b>	Unidentified Antiques Store and Martial Arts Studio Prior to sale of property to CUFF on 1/26/2024
<b>2008 - 2021</b>	Unknown/Unidentified Commercial Occupants
<b>2003-2008 Relationship with Requestor</b>	PJ Knitting Mills Inc <b>None</b>
<b>1997-2000 Relationship with Requestor</b>	PJ Knitting Mills Inc Star Finishing <b>None</b>
<b>1985-2008 Relationship with Requestor</b>	PJ Knitting Mills Inc <b>None</b>
<b>1973 Relationship with Requestor</b>	Quarex Knitg Mills Inc <b>None</b>
<b>1970 Relationship with Requestor</b>	Delonics Corp Quarex Knitg Mills Inc Zimic Michael Machines <b>None</b>
<b>1937-1965 Relationship with Requestor</b>	Queens Machine Corpn Zimic Michael Machines <b>None</b>

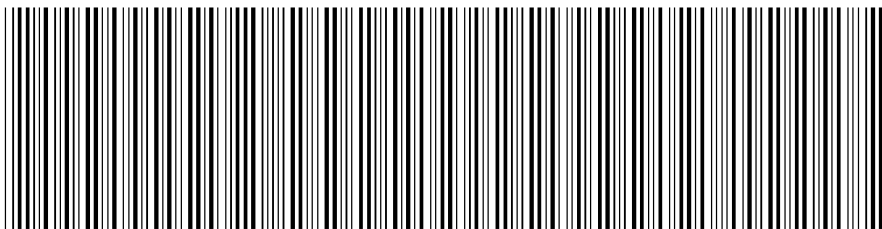
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## **10. PROPERTY DEED**

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NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2024013000421001002ED0FE

RECORDING AND ENDORSEMENT COVER PAGE

PAGE 1 OF 4

Document ID: 2024013000421001

Document Date: 01-26-2024

Preparation Date: 01-30-2024

Document Type: DEED

Document Page Count: 3

PRESENTER:

STEWART TITLE INSURANCE COMPANY (PICK-UP)  
140 EAST 45TH STREET - 33RD FLOOR  
NY11206  
NEW YORK, NY 10017  
646-559-7039  
MARGUERITE.FRANCIS@STEWART.COM

RETURN TO:

LAW OFFICE OF GERALD PIGGOT  
4121 GLORIA ROAD  
BETHPAGE, NY 11714

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	3200	19	Entire Lot	276 STARR STREET
Property Type: COMMERCIAL REAL ESTATE				

CROSS REFERENCE DATA

CRFN \_\_\_\_\_ or DocumentID \_\_\_\_\_ or \_\_\_\_\_ Year \_\_\_\_\_ Reel \_\_\_\_\_ Page \_\_\_\_\_ or File Number \_\_\_\_\_

PARTIES

GRANTOR/SELLER:

KOCHAV EQUITIES, LLC  
399 SANDS STREET  
BROOKLYN, NY 11201

GRANTEE/BUYER:

CHURCHES UNITED FOR FAIR HOUSING, INC.  
7 MARCUS GARVEY  
BROOKLYN, NY 11206

FEES AND TAXES

Mortgage :

Mortgage Amount: \$ 0.00

Taxable Mortgage Amount: \$ 0.00

Exemption:

TAXES: County (Basic): \$ 0.00

City (Additional): \$ 0.00

Spec (Additional): \$ 0.00

TASF: \$ 0.00

MTA: \$ 0.00

NYCTA: \$ 0.00

Additional MRT: \$ 0.00

TOTAL: \$ 0.00

Recording Fee: \$ 52.00

Affidavit Fee: \$ 0.00

Filing Fee:

\$ 250.00

NYC Real Property Transfer Tax:

\$ 0.00

NYS Real Estate Transfer Tax:

\$ 42,250.00

RECORDED OR FILED IN THE OFFICE  
OF THE CITY REGISTER OF THE

CITY OF NEW YORK

Recorded/Filed 02-01-2024 10:19

City Register File No.(CRFN):

2024000028162



*Colette N. Chiu-Jacques*

City Register Official Signature

NY 11206

3

Standard N.Y.B.T.U. Form 8002 - Bargain and Sale Deed, with Covenants against Grantor's Acts-Individual or Corporation (single sheet)  
**CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.**

THIS INDENTURE, made as of this 26<sup>th</sup> day of January, 2024  
BETWEEN

Kochav Equities, LLC, a New York limited liability company, with an address at 399 Sands Street Brooklyn, New York 11201

party of the first part, and

Churches United for Fair Housing, Inc., a New York not-for-profit corporation, with an address at 7 Marcus Garvey Brooklyn, New York 11206.

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

SEE SCHEDULE A ANNEXED HERETO AND MADE A PART HEREOF.

Said Premises being known as 276-284 Starr Street, Brooklyn, New York. Being the same premises conveyed to the party of the first part by deed dated February 11, 2015, and recorded in the Office of the City Register of King County on March 12, 2015, in CRFN: 2015000083783.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above-described premises to the center lines thereof; 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, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way, except as aforesaid.

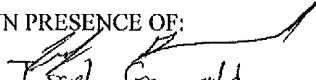
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.



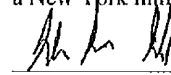
[Signature page of Deed of 276-284 Starr Street, Brooklyn, New York.]

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

  
Joseph Grunwald

Kochav Equities, LLC,  
a New York limited liability company



By: Solomon Schiff

Title: Authorized Signatory

STATE OF NEW YORK )

COUNTY OF Kings ) ss.:

On the 29 day of Jan in the year 2024, before me, the undersigned, a notary public in and for said state, personally appeared Solomon Schiff, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) acted, executed the instrument.



JOSEPH GRUNWALD Notary Public  
Notary Public State of New York  
No. 01GR0000106  
Qualified in Kings County  
Commission Expires Feb. 2, 2027

**BARGAIN AND SALE DEED  
WITH COVENANT AGAINST  
GRANTOR'S ACTS**

Kochav Equities, LLC,  
a New York limited liability company

TO

Churches United for Fair Housing, Inc.,  
a New York not-for-profit corporation

STATE OF NEW YORK )

COUNTY OF ) ss.:

On the \_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, before me, the undersigned, a notary public in and for said state, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) acted, executed the instrument.

Notary Public

BLOCK 3200

LOT 19

COUNTY OR TOWN Brooklyn

PREMISES: 276-284 Starr  
Street, Brooklyn,  
New York

RETURN BY MAIL TO:

Law Office of Gerald Piggot  
4121 Gloria Road  
Bethpage, New York 11714

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of Starr Street (60.00 feet wide) distant 249 feet 10 $\frac{1}{2}$  inches from the corner formed by the intersection of the easterly side of Starr Street with the northerly side of Wycoff Avenue (70.00 feet wide);

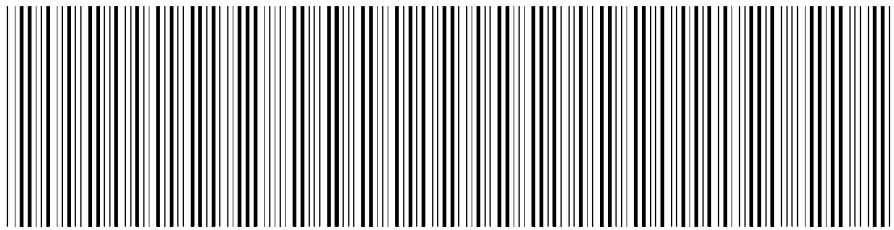
RUNNING THENCE northerly along the easterly side of Starr Street, 80 feet 0 inches to a point;

THENCE easterly on a line parallel with the northerly side of Wycoff Avenue, 100 feet 0 inches to a point;

THENCE southerly on a line parallel with Starr Street 80 feet 0 inches to a point; and

THENCE westerly on a line parallel with the northerly side of Wycoff Avenue, 100 feet 0 inches to the easterly side of Starr Street the point or place of BEGINNING.

NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER



2024013000421001002S1E7F

SUPPORTING DOCUMENT COVER PAGE

PAGE 1 OF 1

Document ID: 2024013000421001  
Document Type: DEED

Document Date: 01-26-2024

Preparation Date: 01-30-2024

ASSOCIATED TAX FORM ID: 2024012300437

SUPPORTING DOCUMENTS SUBMITTED:

Page Count

DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING  
RP - 5217 REAL PROPERTY TRANSFER REPORT

1  
2

FOR CITY USE ONLY

C1. County Code  C2. Date Deed Recorded  /  /   
 C3. Book  OR C4. Page   
 C5. CRFN



## REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK  
 STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

## PROPERTY INFORMATION

1. Property Location  276  STARR STREET  BROOKLYN  11237  
 STREET NUMBER STREET NAME BOROUGH ZIP CODE

2. Buyer Name  CHURCHES UNITED FOR FAIR HOUSING, INC.   
 LAST NAME / COMPANY FIRST NAME  
   
 LAST NAME / COMPANY FIRST NAME

3. Tax Billing Address        
 Indicate where future Tax Bills are to be sent  
 If other than buyer address (at bottom of form) LAST NAME / COMPANY FIRST NAME  
 STREET NUMBER AND STREET NAME CITY OR TOWN STATE ZIP CODE

4. Indicate the number of Assessment Roll parcels transferred on the deed  1  # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC  
 4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size  X  OR  ACRES  
 FRONT FEET DEPTH

Check the boxes below as they apply:

6. Ownership Type Is Condominium ☐  
 7. New Construction on Vacant Land ☐

8. Seller Name  KOCHAV EQUITIES, LLC   
 LAST NAME / COMPANY FIRST NAME  
   
 LAST NAME / COMPANY FIRST NAME

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential C ☐ Residential Vacant Land E ☒ Commercial G ☐ Entertainment / Amusement I ☐ Industrial  
 B ☐ 2 or 3 Family Residential D ☐ Non-Residential Vacant Land F ☐ Apartment H ☐ Community Service J ☐ Public Service

## SALE INFORMATION

10. Sale Contract Date  11 / 29 / 2022  
 Month Day Year

11. Date of Sale / Transfer  1 / 26 / 2024  
 Month Day Year

12. Full Sale Price \$  6,500,000  
 ( Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) Please round to the nearest whole dollar amount.

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives  
 B ☐ Sale Between Related Companies or Partners in Business  
 C ☐ One of the Buyers is also a Seller  
 D ☐ Buyer or Seller Is Government Agency or Lending Institution  
 E ☐ Deed Type not Warranty or Bargain and Sale (Specify Below)  
 F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)  
 G ☐ Significant Change in Property Between Taxable Status and Sale Dates  
 H ☐ Sale of Business Is Included in Sale Price  
 I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)  
 J ☒ None

## ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class  K, 4  16. Total Assessed Value (of all parcels in transfer)  5,508,000


17. Borough, Block and Lot / Roll Identifier(s) ( If more than three, attach sheet with additional Identifier(s) )

BROOKLYN 3200 19

202401230043720104

**CERTIFICATION**

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

 BUYER			1-25-24 DATE			BUYER'S ATTORNEY		
7 MARCUS GARVEY STREET NUMBER			Rob Solano, Executive Director STREET NAME (AFTER SALE)			LAST NAME		
BROOKLYN CITY OR TOWN			NY STATE			11206 ZIP CODE		
			AREA CODE			TELEPHONE NUMBER		
			SELLER			1/23/24 DATE		
			SELLER SIGNATURE			Solomon Schiff, A.S.		





The City of New York  
Department of Environmental Protection  
Bureau of Customer Services  
59-17 Junction Boulevard  
Flushing, NY 11373-5108

## Customer Registration Form for Water and Sewer Billing

### Property and Owner Information:

- (1) Property receiving service: BOROUGH: BROOKLYN                      BLOCK: 3200                      LOT: 19
- (2) Property Address: 276 STARR STREET, BROOKLYN, NY 11237
- (3) Owner's Name:            CHURCHES UNITED FOR FAIR HOUSING INC.
- Additional Name:

### Affirmation:



Your water & sewer bills will be sent to the property address shown above.

### Customer Billing Information:

#### Please Note:

- A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.
- B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit [www.nyc.gov/dep](http://www.nyc.gov/dep) to provide us with the other party's information.

### Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature:

1-23-24 Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

Executive Director, Rob Solano  
Churches United for Fair Housing Inc.



The City of New York  
Department of Environmental Protection  
Bureau of Customer Services  
59-17 Junction Boulevard  
Flushing, NY 11373-5108

## Customer Registration Form for Water and Sewer Billing

### Property and Owner Information:

- (1) Property receiving service: BOROUGH: BROOKLYN                      BLOCK: 3200                      LOT: 19
- (2) Property Address: 276 STARR STREET, BROOKLYN, NY 11237
- (3) Owner's Name:            CHURCHES UNITED FOR FAIR HOUSING, INC.
- Additional Name: \_\_\_\_\_

### Affirmation:



Your water & sewer bills will be sent to the property address shown above.

### Customer Billing Information:

#### Please Note:

- A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.
- B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit [www.nyc.gov/dep](http://www.nyc.gov/dep) to provide us with the other party's information.

### Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: \_\_\_\_\_

Signature: \_\_\_\_\_ Date (mm/dd/yyyy) \_\_\_\_\_

Name and Title of Person Signing for Owner, if applicable: \_\_\_\_\_

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**11. VOLUNTEER STATEMENT**

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### Volunteer Statement

Neither the applicant/current owner nor any of its members have any relationship to any previous owners or operators of the Site properties, and did not own the Site during operation by any of the previous operators, including manufacturing, presumably the source of the chlorinated solvents detected at the Site.

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## **12. NYS DEPARTMENT OF STATE DOCUMENTATION**

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# Department of State

## Division of Corporations

### Entity Information

[Return to Results](#)[Return to Search](#)

#### Entity Details

**ENTITY NAME:** CHURCHES UNITED FOR FAIR HOUSING, INC.

**DOS ID:** 3775015

**FOREIGN LEGAL NAME:**

**FICTITIOUS NAME:**

**ENTITY TYPE:** DOMESTIC NOT-FOR-PROFIT CORPORATION

**DURATION DATE/LATEST DATE OF DISSOLUTION:**

RECEIVED JAN 2022 FULL - NOT FOR PROFIT CORPORATION LAW

ENTITY STATUS ACTIVE

DATE OF INITIAL REG FILING 03/23/2015

RECEIVED FEB 2015

RECEIVED STATE INITIAL FILING 03/23/2015

RECEIVED 03/23/15

FORMED FORMATION 03/23/15

STATEMENT SYSTEM NOT DESIGNED

STATUS\_1 03/23/15

LAST STATEMENT FILE DATE:

RECEIVED JAN 2022 FULL - NOT FOR PROFIT CORPORATION LAW YORK, UNITED STATES

**NFP CATEGORY:** CHARITABLE

[ENTITY DISPLAY](#)[NAME HISTORY](#)[FILING HISTORY](#)[MERGER HISTORY](#)[ASSUMED NAME HISTORY](#)

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:** C/O ROB SOLANO

**Address:** 48-54 WHIPPLE STREET, APT. 3F, BROOKLYN, NY, UNITED STATES, 11206

**Electronic Service of Process on the Secretary of State as agent: Not 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

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**13. SITE CONTACT LIST**

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## SITE CONTACT LIST

### *1. Local Officials*

#### Name & Title

The Honorable Eric Adams, Mayor, City of New York  
Robert Camacho, Chair, Brooklyn Community Board 4  
Jennifer Gutiérrez  
Dan Garodnick, Director, New York City Planning Board

#### Mailing Address

City Hall, New York, NY 10007  
1420 Bushwick Avenue, Suite 370, Brooklyn, NY 11207-1422  
244 Union Avenue, Brooklyn, NY 11211  
120 Broadway, 31st Floor, New York, NY, 10271

### *2. Surrounding Property owners*

#### Property Address

42 St Nicholas Avenue  
44 St Nicholas Avenue  
46 St Nicholas Avenue  
48 St Nicholas Avenue  
50 St Nicholas Avenue  
52 St Nicholas Avenue  
1329 Willoughby Avenue  
280 Starr Street  
275 Starr Street  
277 Starr Street  
279 Starr Street  
281 Starr Street  
283 Starr Street  
285 Starr Street  
40 St Nicholas Avenue

#### Owner Name

Living City Starr LLC  
Living City Nicholas LLC  
46 St Nicholas Corporation  
48 Real Brooklyn LLC  
50 St Nicholas Owner LLC  
Dav Car Realty LLC  
FM Consolidated Holding Corporation  
First F& L Realty LLC  
Luz Marina Coca  
Michael Ross  
279 Starr Street Corporation  
Who Needs Enemies, Inc.  
Elizabeth Florencio  
Osavaldo J. Garcia  
Mossaad Family Trust

#### Owner Mailing Address

2301 Ashby Ave, Berkeley, CA 94705  
2301 Ashby Ave, Berkeley, CA 94705  
1324 Hempstead Tpke, Elmont, NY 11003  
137 Montequ St, Brooklyn, NY 11201  
250 Greenpoint Ave, 4th floor, Brooklyn, NY 11222  
5 Peacock Path, East Quogue, 11942  
66 John Street, Brooklyn, NY 11201  
262 Starr Street, Brooklyn, NY 00000  
275 Starr Street, Brooklyn, NY 11237  
277 Starr Street, Brooklyn, NY 11237  
279 Starr Street, Brooklyn, NY 11237  
964 Flushing Avenue, Brooklyn, NY 11206  
28 Acker Avenue Ossing, NY 10652  
285 Starr Street, Brooklyn, NY 11237  
44 St.Nicholas Avenue, 1F, Brooklyn, NY 11237

### *3. News Media*

#### Outlet

Brooklyn Paper  
The City

#### Mailing Address

1 MetroTech Center, Suite 1001, Brooklyn, NY 11201  
85 Broad Street, 12th Floor, New York, NY 10004

### *4. Public Water Supplier*

New York City Department of Environmental Protection

59-17 Junction Boulevard, Flushing, NY 11373

### *5. Persons Who Requested to be Placed on the Contact List*

### *6. Nearby Schools and Day Care Facilities*

#### School/Day Care Facility

J.H.S. 162 The Willoughby  
PS 305 Campus

#### Administrator Name and Title

Amanda Lazerson, Principal  
Kalosh Dalipi, Principal

#### Mailing Address

1390 Willoughby Avenue, Brooklyn NY 11237  
378 Seneca Avenue, Ridgewood, NY 11385

*7. Document Repository*

Location

Brooklyn Public Library Bushwick Branch

Brooklyn Community Board 4

Address

340 Bushwick Ave, Brooklyn, NY 11206

1420 Bushwick Avenue, Suite 370, Brooklyn, NY 11207-1422

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**14. DOCUMENT REPOSITORY LETTERS**

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# Liberty Environmental

600 Third Avenue, Second Floor, New York, NY 10016

800-305-6019

www.libertyenviro.com

June 2, 2025

Marc Waldron, Branch Manager  
Brooklyn Public Library – Bushwick Branch  
340 Bushwick Ave  
Brooklyn, NY 11206

**Re: Request to Accept Designation as a Document Repository for  
New York State Brownfield Cleanup Program Activities  
276-284 Starr Street, Brooklyn, New York**

Dear Mr. Waldron:

Liberty Environmental is preparing an application for acceptance of the referenced Site into the New York State Brownfield Cleanup Program (BCP), as administered by the New York State Department of Environmental Conservation (NYSDEC). As part of that application, the NYSDEC requires designation of a document repository, where local residents can review plans, reports, and other documents associated with the BCP activities at the Site. We request that the Brooklyn Public Library Bushwick Branch accept the designation as document repository for this site.

Thank you for your consideration of this request. If agreed, please sign below and return the signed acceptance to us via email or fax. Please contact us at (800)305-6019 if you have any questions or require additional information.

Sincerely,  
**Liberty Environmental**

James P. Cinelli, P.E., P.G.  
Principal

By signature below, the Brooklyn Public Library Bushwick Branch accepts designation as a document repository for the 276-284 Starr Street, Brooklyn, NY site:

*MWaldron*

Accepted By: \_\_\_\_\_

Printed Name: Marc Waldron Title: Branch Manager

Date: 6/2/25



600 Third Avenue, Second Floor, New York, NY 10016 800-305-6019 www.libertyenviro.com

May 30, 2025

Celestina Leon, District Manager  
Brooklyn Community Board 4  
1420 Bushwick Avenue, Suite 370  
Brooklyn, NY 11207-1422

**Re: Request to Accept Designation as a Document Repository for  
New York State Brownfield Cleanup Program Activities  
276-284 Starr Street, Brooklyn, New York**

Dear Ms. Leon:

Liberty Environmental is preparing an application for acceptance of the referenced Site into the New York State Brownfield Cleanup Program (BCP), as administered by the New York State Department of Environmental Conservation (NYSDEC). As part of that application, the NYSDEC requires designation of a document repository, where local residents can review plans, reports, and other documents associated with the BCP activities at the Site. We request that the Brooklyn Community Board 4 accept the designation as document repository for this site. The Brooklyn Public Library Bushwick Branch has also been contacted to serve as a document repository.

Thank you for your consideration of this request. If agreed, please sign below and return the signed acceptance to us via email or fax. Please contact us at (800)305-6019 if you have any questions or require additional information.

Sincerely,  
**Liberty Environmental**

James P. Cinelli, P.E., P.G.  
Principal

By signature below, the Brooklyn Community Board 4 accepts designation as a document repository for the 276-284 Starr Street, Brooklyn, NY site:

Accepted By: Celestina Leon

Printed Name: Celestina Leon Title: District Manager

Date: 5/30/25