



Department of
Environmental
Conservation

Brownfield Cleanup Program

Citizen Participation Plan

for

203-207 Van Siclen Avenue (Site No. C224285)

Van Siclen Realty, LLC
60 Lyman Place
Staten Island, NY 10304

May 16, 2019

Table of Contents

1. What is New York’s Brownfield Cleanup Program?	3
2. Citizen Participation Activities	3
3. Major Issues of Public Concern.....	8
4. Site Information.....	9
5. Investigation and Cleanup Process.....	14

Appendices:

Appendix A - Project Contacts and Locations of Reports and Information

Appendix B1 - Site Contact List

Appendix B2 – Adjacent Properties Mailing List

Appendix C -Brownfield Cleanup Program Process

Appendix D –DER Scoping Sheet

Appendix E1 –Site Location Map

Appendix E2 –Sample Location Map

* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site’s investigation and cleanup process.

Volunteer: **Van Siclen Realty, LLC (“Volunteer”)**

Site Name: **203-207 Van Siclen Avenue (“site”)**

Site Address: **203-207 Van Siclen Avenue**

Site County: **Brooklyn**

Site Number: **C224285**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and developed. These uses include recreation, housing and business.

A brownfield is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC), which oversees Applicants that conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by the NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When the NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: <http://www.dec.ny.gov/chemical/8450.html>.

2. Citizen Participation Activities

Why the NYSDEC Involves the Public and Why It Is Important

The NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites and to enable citizens to participate more fully in decisions that affect their health, environment and social well-being. The NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision-makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment;
- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process;
- Providing citizens with early and continuing opportunities to participate in the NYSDEC's site investigation and cleanup process;
- Ensuring that the NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community; and
- Encouraging dialogue to promote the exchange of information among the affected/interested public, state agencies and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision-making.

This Citizen Participation (CP) Plan provides information about how the NYSDEC will inform and involve the public during the investigation and cleanup of the Site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies the NYSDEC, the New York State Department of Health (NYSDOH) and the Applicant's representative as the project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the Site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC website. If this occurs, the NYSDEC will inform the public in fact sheets distributed about the Site and by other means, as appropriate.

Site Contact List

Appendix B1 contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The site contact list includes, at a minimum:

- Chief executive officer and planning board chairperson of each county, city, town and village in which the Site is located;
- Residents, owners and occupants of the Site and properties adjacent to the Site;
- The public water supplier that services the area in which the Site is located;
- Any person who has requested to be placed on the site contact list;
- The administrator of any school or day care facility located on or near the Site for purposes of posting and/or dissemination of information at the facility; and
- Location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate. Appendix B2 contains a list of properties adjacent to the site that will receive fact sheets.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix C shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a Site and the nature and progress of efforts to investigate and clean up a Site.
- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have the potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments and/or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned CP activities.

Technical Assistance Grant

The NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the Site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

For more information about TAGs, go online at <http://www.dec.ny.gov/regulations/2590.html>.

Note: The table identifying the CP activities related to the site's cleanup program is included on the following pages.

Citizen Participation Requirements (Activities)	Timing of CP Activity(ies)
<u>Application Process (Complete):</u>	
<ul style="list-style-type: none"> • Prepare site contact list • Establish document repositories 	<p>At the time of preparation of application to participate in the BCP.</p>
<ul style="list-style-type: none"> • Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 45- day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to site contact list • Conduct 30-day public comment period 	<p>When the NYSDEC determines that the BCP application is complete. The 30-day public comment period begins on date of publication of notice in the ENB. The end date of the public comment period is as stated in the ENB notice. Therefore, the ENB notice, newspaper notice and notice to the site contact list should be provided to the public at the same time.</p>
<u>After Execution of Brownfield Site Cleanup Agreement:</u>	
<ul style="list-style-type: none"> • Prepare Citizen Participation (CP) Plan • Prepare Remedial Investigation Work Plan (RIWP) 	<p>Draft CP Plan and RIWP must be submitted to the NYSDEC within 20 days and 30 days of execution of the BCA, respectively. The CP Plan must be approved the NYSEC before distribution.</p>
<u>Before NYSDEC Approves Proposed Remedial Investigation Work Plan (RIWP):</u>	
<ul style="list-style-type: none"> • Mail fact sheet to site contact list about RIWP Plan and 30-day public comment period • Conduct 30-day public comment period about proposed RIWP • Place approved RIWP in the document repository 	<p>Before NYSDEC approves the RIWP, a 30-day public comment period begins/ends as per the dates identified in the fact sheet. A public meeting will be held during the comment period. Once the NYSDEC approves the RIWP, place the approved document in the document repository.</p>
<u>Before NYSDEC Approves Remedial Investigation Report (RIR):</u>	
<ul style="list-style-type: none"> • Mail fact sheet to site contact list that describes the remedial investigation (RI) results • Place approved RIR in the document repository 	<p>Mail the fact sheet before the NYSDEC approves the RIR. Once the NYSDEC approves the RIR, place the approved document in the document repository.</p>
<u>Significant Threat Determination:</u>	
<ul style="list-style-type: none"> • Mail fact sheet to site contact list that discusses significant threat determination. Combine the notice with another fact sheet where appropriate 	<p>Determination made be made any time during the remedial process but no later than 20 days after the NYSDEC approves the RIR. A significant threat site is eligible for a TAG.</p>

Citizen Participation Requirements (Activities)	Timing of CP Activity(ies)
<u>Before NYSDEC Approves Remedial Action Work Plan (RAWP):</u>	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list about proposed RAWP and announcing 45-day public comment period • Public meeting held by the NYSDEC about the proposed RAWP (if requested by the affected community or at the discretion of the NYSDEC project manager) • Conduct 45-day public comment period • Place approved RAWP in the document repository 	<p>Before NYSDEC approves the RAWP, a 45-day public comment period begins/ends as per the dates identified in the fact sheet. A public meeting will be held during the comment period. Once the NYSDEC approves the RAWP, place the approved document in the document repository.</p>
<u>Before Applicant Starts Cleanup Action:</u>	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list that describes upcoming cleanup action 	<p>Before the start of cleanup action.</p>
<u>Before the NYSDEC Approves Final Engineering Report (FER):</u>	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list that announces that cleanup action has been completed and that summarizes the FER including any proposed institutional/engineering controls • Place the approved FER in the document repository. 	<p>Mail the fact sheet before the NYSDEC approves the FER. Once the NYSDEC approves the FER, place the approved document in the document repository.</p>
<u>When the Certificate of Completion (COC) is Issued:</u>	
<ul style="list-style-type: none"> • Place Notice of COC in the document repository • Distribute fact sheet to site contact list announcing issuance of Certificate of Completion (COC) 	<p>Within 10 days of the COC being issued.</p>

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the Site. Additional major issues of public concern may be identified during the site’s cleanup process.

The following major issues of public concern were identified: air quality, health of workers and community, nuisance odors, noise and construction-related traffic. These issues are of the most concern to adjacent property businesses and residents. These issues will be addressed in the RIWP, Remedial Action Work Plan (RAWP), Community Air Monitoring Program (CAMP), and site-specific Health and Safety Program (HASP) for the project to be approved by the NYSDEC prior

to the respective phases of work.

Based on the NYSDEC online map Potential Environmental Justice Areas in Kings County, New York, the site is located in a Potential Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies.

Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

Site information is available through the Project Contacts mentioned in Section 2 and detailed in Appendix A. The BCP Application, and future reports to be prepared for the NYSDEC, will be available in the document repository discussed in Section 2 and detailed in Appendix A. The RIWP, RIR, and RAWP will include schedules for the planned work to make CP Plans as consistent as possible with the NYSDEC Division of Environmental Remediation's (DER) CP Handbook for Remedial Programs (DER-23). Public Affairs asks that the Handbook's "Scoping Sheet for Major Issues of Public Concern" be used by applicants/responsible parties to inform their completion of this section of the plan. Because of the high percentage of Environmental Justice Areas in New York City, the Scoping Sheet is a particularly valuable tool in this region. The information that is gained by using a Scoping Sheet may be helpful in determining if future fact sheets need to be translated into other languages. The NYSDEC "Scoping Sheet for Major Issues of Public Concern" was used to complete this section (see Appendix D). All fact sheets for this site will be written in English and Spanish.

4. Site Information

Site Description

The site is located at 203-207 Van Siclen Avenue in the East New York neighborhood of Brooklyn, New York, and is identified on the Brooklyn Tax Map as Block 3978 and Lots 14 and 15. It is situated on the southeast corner of the intersection of Liberty Avenue (to the north) and Van Siclen Avenue (to the west). The two lots comprise a combined area of approximately 10,000-square feet. A map showing the site location is included as Appendix E1.

According to the on-line New York City Zoning and Land Use Map, the site is located within a Special Mixed Use Paired District (M1-4/R6A). This paired district promotes development and expansion of the longstanding mix of residential, commercial, industrial, and cultural use throughout the area. M1 districts typically include retail and light industrial uses such as woodworking shops, repair shops, and wholesale service and storage facilities; R6A districts promote residential development. The current zoning is consistent with the proposed residential development. The surrounding area is primarily residential and industrial but also includes commercial buildings, public facilities, day care centers, and schools. The site is within an area assigned an E-Designation (E-366). The E-Designation requires coordination with the New York City Mayor's Office of Environmental Remediation (NYCOER) to obtain a Notice to Proceed (NTP) or a Notice of No Objection (NNO) prior to obtaining building permits and certificates of occupancy.

The site is used as a storage area for construction equipment. There are no permanent structures or buildings onsite and the surface consists of soil with isolated patches of vegetation and gravel.

Land use within one-half mile of the site includes residential, commercial, and industrial uses. Adjoining properties include: three-story residential buildings to the east, a two-story residential building and commercial facilities to the south, and Liberty and Van Siclen Avenues to the north and west, respectively. Sensitive receptors such as schools, hospitals, or daycare centers that exist within a half mile of the site and are listed in the contact list.

History of Site Use and Investigations

Based on available Sanborn[®] Fire Insurance Maps from 1887 to 2007, the site was divided into four adjoining tax lots and occupied by a single 2-story dwelling with a basement from as early as 1887. By 1908, the site was vacant and unimproved. From at least 1928 to 1966, the site was occupied by a 4-story residential building with a store. By 1977, Lot 14 was vacated and unimproved; and the entire site was vacated and unimproved by 1981.

The site was listed in the NY SPILLS database under an alternative address of 522 Liberty Avenue. Spill No. 9601652 was reported at 522 Liberty Avenue on May 1, 1996 when the NYPD executed a search warrant for an illegal chop shop and discovered the site contaminated with various chemicals, oils, and other unknown materials. Spill case notes indicated that unknown amounts of unknown material, unknown hazardous material, and unknown petroleum were spilled across the

surface of the site. The spill was closed on May 2, 1996; however, cleanup documentation was not provided in the records.

Prior to the Volunteer purchasing the site in May 2017, it was used for storage and maintenance of automobiles. Since May 2017, the site has been used for equipment storage but not for maintenance or as a scrap yard.

The Volunteer's technical consultant performed a Limited Subsurface Investigation (LSI) in February 2018 to evaluate potential environmental impacts to soil, groundwater, and soil vapor. The LSI also included geophysical surveying using ground penetrating radar (GPR) and radio detection equipment. The geophysical survey revealed the locations of buried gas and electrical utilities along the northern and northwestern portions of the site. Other anomalies, such as potential USTs, were identified. Refer to Appendix E2 – Sample Location Map which shows the locations of the soil, groundwater, and soil vapor samples that were advanced as part of the LSI and are discussed below.

Soil

A total of 10 soil borings were advanced to depths of up to 40 feet below grade surface (bgs), from which 14 soil samples were collected. Historical fill material was observed within each soil boring to depths of 5 to 16 feet bgs. The fill consisted of brown, fine- to coarse-grained sand with varying amounts gravel, silt, concrete, brick, coal, and steel fragments, and glass and other miscellaneous debris. Native material beneath fill consisted of fine to coarse-grained sand with varying amounts of silt and fine gravel. Bedrock was not encountered. The following constituents were detected in soil samples at concentrations that exceed NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and/or Restricted Use – Restricted Residential (RURR) Soil Cleanup Objectives (SCO).

- Volatile Organic Compounds (VOCs) were detected above the NYSDEC Part 375 UU SCOs in 1 of the 14 soil samples, but RURR SCOs were not exceeded. The UU SCOs are indicated in parentheses.
 - Ethylbenzene – 1.40 milligrams per kilogram (mg/kg) in SB01_0-2 (1 mg/kg)
 - Total Xylenes – 8.90 mg/kg in SB01_0-2 (0.26 mg/kg)

- Semivolatile Organic Compounds (SVOCs) were detected above NYSDEC Part 375 UU and/or RURR SCOs in 11 of the 14 soil samples. The SCOs are indicated in parentheses.
 - Benzo(a)anthracene – from 1.11 mg/kg in SB02_7-8 to 14.3 mg/kg in SB02_0-1 (UU and RURR SCO of 1 mg/kg)
 - Benzo(a)pyrene – from 1.06 mg/kg in SB02_7-8 to 12.10 mg/kg in SB02_0-1 (UU and RURR SCO of 1 mg/kg)
 - Benzo(b)fluoranthene – from 1.69 mg/kg in SB03_0-2 to 13.9 mg/kg in SB02_0-1 (UU and RURR SCO of 1 mg/kg)
 - Benzo(k)fluoranthene – from 1.42 mg/kg in SB03_0-2 to 8.99 mg/kg in SB02_0-1 (UU SCO of 0.8 mg/kg and RURR SCO of 3.9 mg/kg)
 - Chrysene – from 1.02 mg/kg in SB02_7-8 to 14.80 mg/kg in SB02_0-1 (UU SCO of 1 mg/kg and RURR SCO of 3.9 mg/kg)
 - Dibenzo(a,h)anthracene – from 0.47 mg/kg in SB03_0-2 to 4.24 mg/kg in SB02_0-1 (UU and RURR SCO of 0.330 mg/kg)
 - Indeno(1,2,3-cd)pyrene – from 0.65 mg/kg in SB06_0-1 to 4.92 mg/kg in SB02_0-1 (UU and RURR SCO of 0.5 mg/kg)
- Pesticides were detected above NYSDEC Part 375 UU SCO in 9 of the 14 soil samples, but RURR SCOs were not exceeded. The UU SCOs are indicated in parentheses.
 - 4,4'-DDD – from 0.0037 mg/kg in SB09_1-2 to 0.0092 mg/kg in SB02_0-1 (0.0033 mg/kg)
 - 4,4'-DDE – from 0.0035 mg/kg in SB05_0-2 and SB09_1-2 to 0.0157 mg/kg in SB02_0-1 (0.0033 mg/kg)
 - 4,4'-DDT – from 0.0035 mg/kg in SB08_0-2 to 0.0483 mg/kg in SB02_0-1 (0.0033 mg/kg)
 - Dieldrin – from 0.0055 mg/kg in SB02_7-8 to 0.0115 mg/kg in SB02_0-1 (0.005 mg/kg)
- Metals were detected above NYSDEC Part 375 UU and/or RURR SCOs in 13 of the 14 soil samples. The SCOs are indicated in parentheses.
 - Barium – from 489 mg/kg in SB04_0-2 to 9,060 mg/kg in SB07_0-2 (UU SCO of 350 mg/kg and RURR SCO of 400 mg/kg)
 - Cadmium – from 2.94 mg/kg in SB05_0-2 to 7.36 mg/kg in SB10_0-2 (UU SCO of 2.5 mg/kg and RURR SCO of 4.3 mg/kg)
 - Chromium (Hexavalent) – from 3.66 mg/kg in SB03_0-2 and 4.19 mg/kg in SB09_1-2 (UU SCO of 1 mg/kg)

- Chromium (Trivalent) – 30.5 mg/kg in SB06_0-1 (UU SCO of 30 mg/kg)
- Copper – from 59.6 mg/kg in SB04_0-2 to 454 mg/kg in SB05_0-2 (UU SCO of 50 mg/kg and RURR SCO of 270 mg/kg)
- Lead – from 66.2 mg/kg in SB01_0-2 to 8,530 mg/kg in SB07_0-2 (UU SCO of 63 mg/kg and RURR SCO of 400 mg/kg)
- Mercury – from 0.18 mg/kg in SB03_5.5-6 to 7.43 mg/kg in SB03_0-2 (UU SCO of 0.18 mg/kg and RURR SCO of 0.81 mg/kg)
- Nickel – 30.9 mg/kg in SB06_0-1 (UU SCO of 30 mg/kg)
- Zinc – from 120 mg/kg in SB01_0-2 to 10,900 mg/kg in SB02_0-1 (UU SCO of 109 mg/kg and RURR SCO of 10,000 mg/kg)
- Polychlorinated Biphenyls (PCBs) were detected above NYSDEC Part 375 UU in one of the 14 soil samples. The SCOs are indicated in parentheses.
 - Total PCBs (Aroclors 1248 and 1260) – 0.259 mg/kg in SB10_0-2 (UU SCO of 0.1 mg/kg)

A sample location map is provided as Appendix E-2.

Groundwater

One temporary groundwater monitoring well was installed in the central portion of the site. The monitoring well was installed to 40 feet bgs and groundwater was observed at approximately 38 feet bgs. Based on the surface topography of the site and surrounding area, the assumed regional groundwater flow direction is to the south, towards Jamaica Bay. Groundwater samples were collected for VOCs, pesticides, and PCBs. The VOC chloroform was detected at a concentration of 12.9 micrograms per liter ($\mu\text{g/L}$), which exceeds the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) of 7 $\mu\text{g/L}$. No other VOCs, pesticides, or PCBs were detected at concentrations above AWQS.

Soil Vapor

Two soil vapor points were installed to approximately 10 feet bgs, and subsequently sampled for VOCs. Soil vapor analytical results were compared to NYSDOH Soil Vapor/Indoor Air Matrices A, B, and C (revised in May 2017) of the Guidance for Evaluating Soil Vapor Intrusion. NYSDOH provides decision matrices for eight chlorinated VOCs (carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, and vinyl chloride). The decision matrices recommend a range of response actions based on the soil

vapor and indoor air concentrations. In the absence of indoor air samples (given that the site is unimproved), soil vapor results were compared to the lowest concentrations that trigger a mitigation recommendation. Several VOCs were detected in soil vapor, but their concentrations did not exceed the minimum NYSDOH Decision Matrix Values.

5. Investigation and Cleanup Process

Note: See Appendix C for a flowchart of the brownfield site remedial process.

Application

The Volunteer has applied for and been accepted into NYSDEC BCP as a Volunteer. A Volunteer must fully investigate and characterize the nature and extent of contamination that has migrated or emanated from the site to off-site locations, and conduct a qualitative exposure assessment, a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the Site and to contamination that has migrated from the site.

The Volunteer proposed that the site will be used for residential purposes.

To achieve this goal, the Volunteer will conduct additional investigation and cleanup activities at the Site with oversight provided by NYSDEC and NYSDOH. The Brownfield Cleanup Agreement executed by NYSDEC and the Volunteer sets forth the responsibilities of each party in conducting these activities at the site.

Investigation

The Volunteer completed a partial site investigation before it entered into the BCP. For the partial investigation, NYSDEC will determine if the data are useable. The Volunteer will conduct an investigation of the site officially called a "remedial investigation" (RI). This investigation will be performed with NYSDEC oversight. The Volunteer must develop a remedial investigation work plan, which is subject to public comment.

The site investigation has several goals:

- 1) Define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected;

- 2) Identify the source(s) of the contamination;
- 3) Assess the impact of the contamination on public health and the environment; and
- 4) Provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

When the investigation is complete, the Volunteer will prepare and submit a report that summarizes the results. This report also will recommend whether cleanup action is needed to address Site-related contamination. The investigation report is subject to review and approval by NYSDEC.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a significant threat, it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

Remedy Selection

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Volunteer may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a "Certificate of Completion" (described below) to the Volunteer.

or

2. The Volunteer may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Volunteer may then develop a cleanup plan, officially called a Remedial Action Work Plan (RAWP). The RAWP will describe the Volunteer's proposed remedy for addressing contamination related to the site and off-site contamination, if applicable.

When the Volunteer submits a proposed RAWP for approval, NYSDEC would announce the

availability of the proposed plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The NYSDOH must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy.

The Volunteer may then design and perform the cleanup action to address the Site contamination. NYSDEC and NYSDOH oversee the activities. When the Volunteer completes cleanup activities, it will prepare a Final Engineering Report (FER) that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the Site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the FER. NYSDEC then will issue a Certificate of Completion (COC) to the Volunteer. The COC states that cleanup goals have been achieved, and relieves the Volunteer from future liability for site-related contamination, subject to certain conditions. The Volunteer would be eligible to redevelop the Site after it receives a COC.

Site Management

Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management may be conducted by the Volunteer under NYSDEC oversight, if contamination will remain in place. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An institutional control is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An engineering control is a physical barrier or method to manage contamination. Examples include: caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that is pumping and treating groundwater. Site management continues until NYSDEC determines that it is no longer needed.

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 16, 2019

Appendix A - Project Contacts and Locations of Reports and Information

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 16, 2019

Project Contacts

For information about the Site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Daniel McNally
NYS Department of Environmental Conservation
Division of Environmental Remediation – Bureau B
625 Broadway, 12th Floor
Albany, NY 12233-7016
Tel: (518) 402-9767
Email: daniel.mcnally@dec.ny.gov

New York State Department of Health (NYSDOH):

Wendy S. Kuehner, P.E.
NYS Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 1787
Albany, NY 12237
Tel: (518) 402-7860
Email: wendy.kuehner@health.ny.gov or bee@health.ny.gov

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 16, 2019

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, DPC

Michael D. Burke, PG, CHMM
Vice President/Principal
Langan
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001
Tel: (212)479-5413
Email: mburke@langan.com

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents:

Brooklyn Public Library – Arlington Library

Sandra Eddie, Managing Librarian
203 Arlington Avenue
Brooklyn, New York 11207
Tel: (718) 277-6105
Hours: Mon: 10 AM to 6 PM
Tue: 10 AM to 6 PM
Wed: 1 PM to 8 PM
Thu: 10 AM to 6 PM
Fri: 10 AM to 6 PM
Sat: 10 AM to 5 PM
Sun: Closed

Brooklyn Community Board 5

Melinda Perkins, District Manager
404 Pine Street, 3rd Floor
Brooklyn, NY 11208
Tel: (929) 221-8261
Web: www.brooklyn5.org

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 15, 2019

Appendix B1 - Site Contact List

NAME	ADDRESS	PROJECT ROLE
Van Siclen Realty LLC; Lisa Inzerillo	60 Lyman Place, Staten Island, New York, 10306	Site Owner
Mayor Bill de Blasio	City Hall, 260 Broadway Avenue, New York, NY 10007	Mayor
Marisa Lago, Chair	Department of City Planning, 120 Broadway, 31st Floor, New York, NY 10271	Planning Commission Chair
Eric L. Adams	Brooklyn Borough Hall, 209 Joralemon Street, Brooklyn, NY 11201	Brooklyn Borough President
Joseph I. Douek, President	Dept of City Planning, 16 Court Street, Brooklyn, NY 11241	Dept of Planning
Nearby Properties		
Funeraria Juan-John's Funeral Home	509 Liberty Avenue, Brooklyn, New York 11207	Commercial/Residential Property
	510 Liberty Avenue, Brooklyn, New York 11207	Commercial Lot
510 Liberty Avenue, LLC	144-44 157th Street, Jamaica, NY 11434	Owner of 510 Liberty Avenue, LLC
	511 Liberty Avenue, Brooklyn, New York 11207	Vacant Lot (Owned by City of New York)
Francisco Rosario	515 Liberty Avenue, Brooklyn, New York 11207	Residential Property and Property Owner
Carmen Plaza	517 Liberty Avenue, Brooklyn, New York 11207	Residential Property and Property Owner
Mr. Lucky Event Space	523 Liberty Avenue, Brooklyn, New York 11207	Commercial Property
Carlos Ortiz	601 Pine Street, Brooklyn, New York 11208	Owner of 523 Liberty Avenue
Karran Deonarine	524 Liberty Avenue, Brooklyn, New York 11207	Residential Property and Property Owner
	288 Hendrix Street, Brooklyn, New York 11207	Residential Property
288 H LLC	1999 Flatbush Avenue, Brooklyn, New York 11234	Owner of 288 Hendrix Street
Van Siclen Realty LLC; Lisa Inzerillo	211 Van Siclen Avenue, Brooklyn, New York 11207	Vacant Lot (Owned by Van Siclen Realty LLC)
	212 Van Siclen Avenue, Brooklyn, New York 11354	Residential Property
Fortune Links Capital LLC	135-16 Northern Boulevard, Flushing, New York 11354	Owner of 212 Van Siclen Avenue
Local News Media		
Brooklyn Eagle	16 Court Street, Suite 1208, Brooklyn, New York 11241	Local Media
Spectrum NY 1 News	75 Ninth Avenue, New York, NY 10011	
Hoy Nueva York	1 MetroTech Center, 18th Floor, Brooklyn, NY 11201	
El Diario La Prensa	1 MetroTech Center, 18th Floor, Brooklyn, NY 11201	
Courier-Life Publications	1 MetroTech Center #10T, Brooklyn, NY 11201	
The Brooklyn Papers	1 MetroTech Center, Suite 1001, Brooklyn, NY 11201	
New York Daily News	4 New York Plaza, New York, NY 10004	
New York Post	1211 Avenue of the Americas, New York, NY 10036	
Public Water Supply		
Vincent Sapienza	59-17 Junction Boulevard, Flushing, NY 11373	NYCDEP Commissioner
	255 Greenwich Street, 6th Floor, New York, New York 10007	New York City Municipal Water Finance Authority
Administrator	Breakthrough Christian Day Care Center, 306 Miller Avenue, Brooklyn, NY 11207	
Loina Johnson, Head Administrator	Saint Malachy Child Development Center, 220 Hendrix Street, Brooklyn, NY 11207	
Delia Giscombe, On-Site Provider	Innocent Hearts Group Family Daycare, 140 Van Siclen Avenue, Brooklyn, NY 11207	
Janet Mendez, Head Administrator	Baybee Lounge Daycare, 175 Miller Avenue, Brooklyn, NY 11207	
Regina Bender, Head Administrator	Royal Daycare Center, 2188 Pitkin Avenue, Brooklyn, NY 11207	
Brigitte Newell, Principal	P.S. 290 Juan Morel Campos, 135 Schenck Avenue, Brooklyn, NY 11207	
Ahmed Edwards, Principal	J.H.S. 292 Margaret S. Douglas, 301 Vermont Street, Brooklyn, NY 11207	
Irene Leon, Principal	P.S. 089 Cypress Hills, 265 Warwick Street, Brooklyn, NY 11207	
Jocelyn Badette, Principal	W.H. Maxwell Career and Technical Education High School, 145 Pennsylvania Avenue, Brooklyn,	
Audrey Wilson, Principal	P.S. 158 Warwick, 400 Ashford Street, Brooklyn, NY 11207	
Tanya Bryant, Principal	Achievement First Apollo Elementary School, 350 Linwood Street, Brooklyn, NY 11208	
Yvette Donald, Principal	P.S. 149 Danny Kaye, 700 Sutter Avenue, Brooklyn, NY 11207	
Administrator	Joyful Tots Daycare, 403 New Jersey Avenue, Brooklyn, NY 11207	
Michelle Bernard, Senior Youth Link Social Worker	Brooklyn Youth Link, Police Athletic League, 2588 Atlantic Avenue, Brooklyn, NY 11207	
Administrator	Little Birds Day Care Center, LLC, 490 Linwood Street, Brooklyn, NY 11208	
Local Elected Officials		
Scott M. Stringer, City Comptroller	1 Centre Street, New York, NY 10007	
Jumaane Williams, Public Advocate	1 Centre Street 15th Floor, New York, NY 10007	

Rafael Espinal, Council District #37	1945 Broadway, Brooklyn, NY 11207	
Julia Salazar, State Senate District #38	3215 Fulton Street, Brooklyn, NY 11208	
Latrice Monique Walker, State Assembly District #55	400 Rockaway Avenue, 2nd Floor, Brooklyn, NY 11212	
Charles E. Schumer, U.S. Senator Charles E. Schumer	780 Third Avenue, Suite 2301, New York, NY 10017	
Kirsten Gillibrand, U.S. Senator	780 Third Avenue, Suite 2601, New York, NY 10017	
Nancy T. Sunshine	360 Adams, Room 189, Brooklyn, NY 11201	Kings County Clerk's Office
Kelebohile Nkheranye	404 Pine Street, 3rd Floor, Brooklyn, NY 11208	Environmental Committee Chair, Brooklyn Community Board 5
Kenneth Watson	404 Pine Street, 3rd Floor, Brooklyn, NY 11208	Environmental Committee Chair, Brooklyn Community Board 5
Mark McIntyre	100 Gold Street, 2nd Floor, New York, NY 10038	Director, NYC OER
Julie Stein	96-05 Horace Harding Expressway, Flushing, NY 11373	Office of Environmental Assessment & Planning, NYC DEP
Local Schools and Daycare Facilities		
Catholic Charities Neighborhood Services, Inc.	220 Hendrix Street, Brooklyn, NY 11207	
Local Civic, Community, Religious and Other Environmental Organizations		
St. Michael's Church	284 Warwick Street, Brooklyn, NY 11207	
Great Refuge Ministries	291 Hendrix Street, Brooklyn, NY 11207	
Love Fellowship Tabernacle	464 Liberty Avenue, Brooklyn, NY 11207	
Second Calvary Baptist Church	503 Glenmore Avenue, Brooklyn, NY 11297	
East End Baptist Church	263 Van Siclen Avenue, Brooklyn, NY 11207	
Capuchin Friars	225 Jerome Street, Brooklyn, NY 11207	
Comunidad Sievos De Cristo	207 Hendrix Street, Brooklyn, NY 11207	
Anotonia Yuille	30 Flatbush Avenue, Brooklyn, NY 11217	Director, Consolidated Edison Corporate Affairs
Hector Lozada	1000 Sutter Avenue, Brooklyn, NY 11208	President, NYPD Police Precinct Council
Engine 332 Ladder 175	165 Bradford Street, Brooklyn, NY 11207	

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 15, 2019

Appendix B2 – Adjacent Properties Mailing List

RESIDENT/BUSINESS OWNER	NUMBER	ADDRESS	CITY	STATE	ZIPCODE
RESIDENT/BUSINESS OWNER	165	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	157	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	155	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2744	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2748	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2750	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2762	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2764	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	216	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	220	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	477	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	471	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	469	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	465	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	463	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	211	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	209	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	207	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	205	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	199	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	197	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	193	BRADFORD STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	460	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	486	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	258	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	266	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	270	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	274	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	276	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	503	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	497	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	495	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	493	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	485	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	227	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	221	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	215	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2768	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2772	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2774	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2776	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2786	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2788	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	170	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	174	VAN SICKLEN STREET	BROOKLYN	NY	11223
RESIDENT/BUSINESS OWNER	176	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	180	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	182	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	186	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	509	LIBERTY AVENUE	BROOKLYN	NY	11207

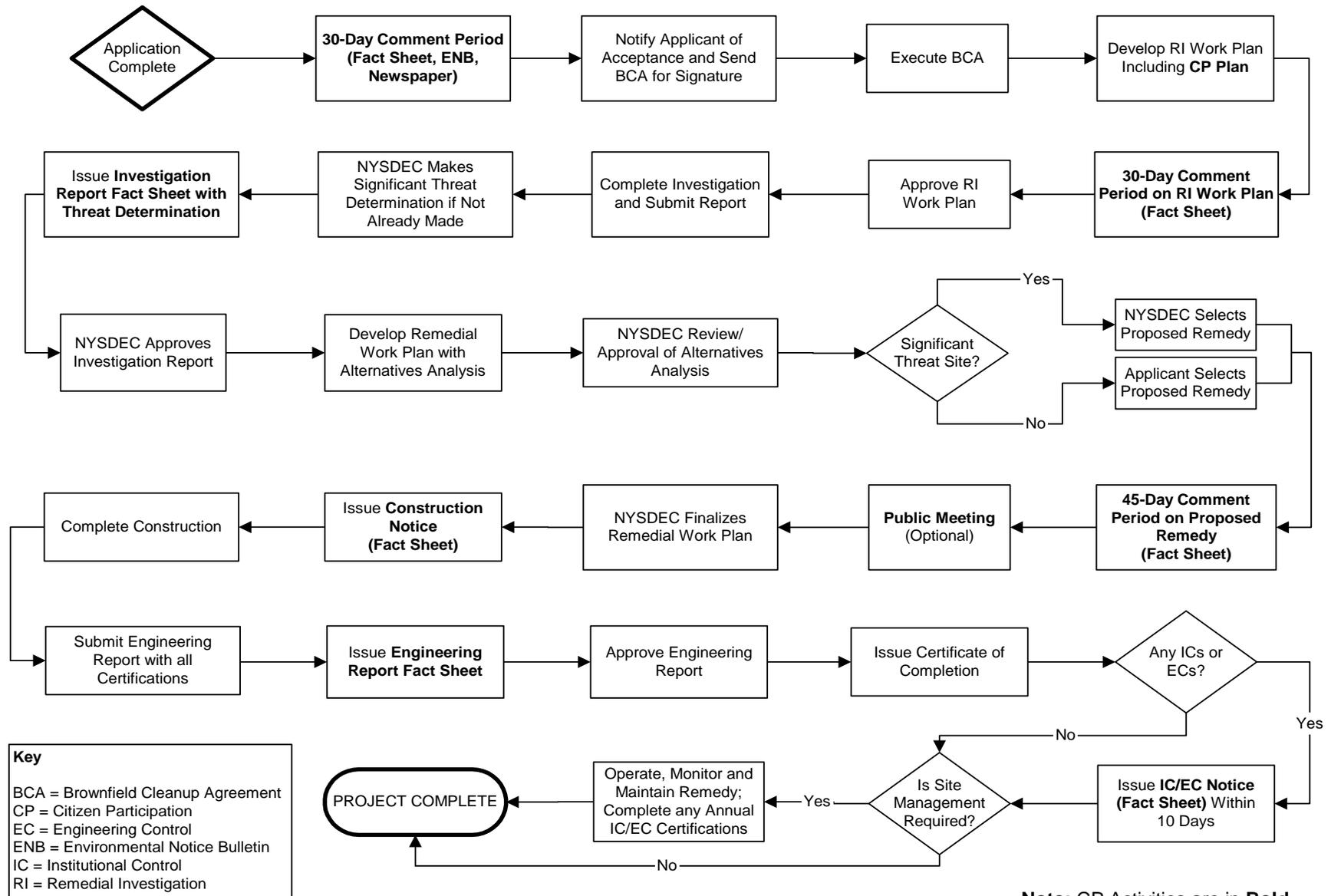
RESIDENT/BUSINESS OWNER	503	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	495	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	493	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	491	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	489	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2778	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	183	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	175	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	173	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	169	VAN SICLEN AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2792	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2800	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	523	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	517	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	515	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	511	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	261	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	259	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	257	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	249	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	247	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	245	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2822	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2834	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2836	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	2838	ATLANTIC AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	194	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	202	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	204	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	208	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	210	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	212	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	555	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	551	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	547	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	541	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	539	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	535	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	275	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	273	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	269	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	267	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	263	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	261	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	259	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	257	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	255	MILLER AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	488	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	490	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	492	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	494	LIBERTY AVENUE	BROOKLYN	NY	11207

RESIDENT/BUSINESS OWNER	287	HENDRIX STREET	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	536	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	540	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	546	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	548	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	550	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	552	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	554	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	558	LIBERTY AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	246	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	252	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	254	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	256	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	258	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	260	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	264	SCHENCK AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	579	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	575	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	573	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	571	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	565	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	563	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	561	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	559	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	557	GLENMORE AVENUE	BROOKLYN	NY	11207
RESIDENT/BUSINESS OWNER	311	HENDRIX STREET	BROOKLYN	NY	11207

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 15, 2019

Appendix C – Brownfield Cleanup Program Process



Key
 BCA = Brownfield Cleanup Agreement
 CP = Citizen Participation
 EC = Engineering Control
 ENB = Environmental Notice Bulletin
 IC = Institutional Control
 RI = Remedial Investigation

Note: CP Activities are in **Bold**

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 15, 2019

Appendix D – DER Scoping Sheet



Remedial Programs

Scoping Sheet for Major Issues of Public Concern (see instructions)

Remedial Party:

Site Name:

Site Number:

Site County:

Note: For Parts 1. - 3., the individuals, groups, organizations, businesses and units of government identified should be added to the site contact list as appropriate.

Part 1. List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information. **Use this information as an aid to prepare or update the Major Issues of Public Concern section of the site Citizen Participation Plan.**

Remediation of soil and groundwater may impact air quality while work is performed. NYSDEC and NYSDOH are overseeing the project to ensure the air and odor issues are monitored and mitigated during implementation of the work plan.

How were these issues and/or information identified?

Previous investigation reports identified contaminated soil and groundwater at the Site.

Part 2. List important information needed **from** the community, if applicable. Identify groups, organizations, businesses and/or units of government related to the needed information.

No additional information is required from the community at this time.

How were these information needs identified?

There are no information needs at this time.

Part 3. List major issues and information that need to be communicated **to** the community. Identify groups, organizations, businesses and/or units of government related to the issues(s) and/or information.

Information will be communicated to the public as outlined in the Citizen's Participation Plan. NYSDEC and NYSDOH contacts will be provided. A repository will exist for the public to review documentation.

How were these issues and/or information identified?

Issue identification is the same as Part 1 response. Information communication was established by NYSDEC and NYSDOH as part of the NYS Brownfield Cleanup Program remediation.

Part 4. Identify the following characteristics of the affected/interested community. This knowledge will help to identify and understand issues and information important to the community, and ways to effectively develop and implement the site citizen participation plan (mark all that apply):

a. Land use/zoning around site:

Residential
 Agricultural
 Recreational
 Commercial
 Industrial

b. Residential type around site:

Urban
 Suburban
 Rural

- c. Population density around site: High Medium Low
- d. Community economic status: High Medium Low
- e. Water supply of nearby residences: Public Private Wells Mixed
- f. Other environmental issues significantly impacting affected community? (Yes/No) Yes No

Explain if "Yes"

- g. Special considerations: Language Age Transportation Other

Explain marked categories in g.:

Part 5. The site contact list must include, at a minimum, the individuals, groups and organizations identified in the instructions for **Part 5**. Are other individuals, groups and organizations affected by, or interested in, the site, or its remedial program? (Mark and identify all that apply, then adjust the site contact list as appropriate.)

Non-Adjacent Residents/Property Owners:

Local Officials:

Media:

Business/Commercial Interests:

Labor Group(s)/Employees:

Indian Nation:

Citizens/Community Group(s):

Environmental Justice Group(s):

Environmental Group(s):

Civic Group(s):

Recreational Group(s):

Other(s):

Date Completed:

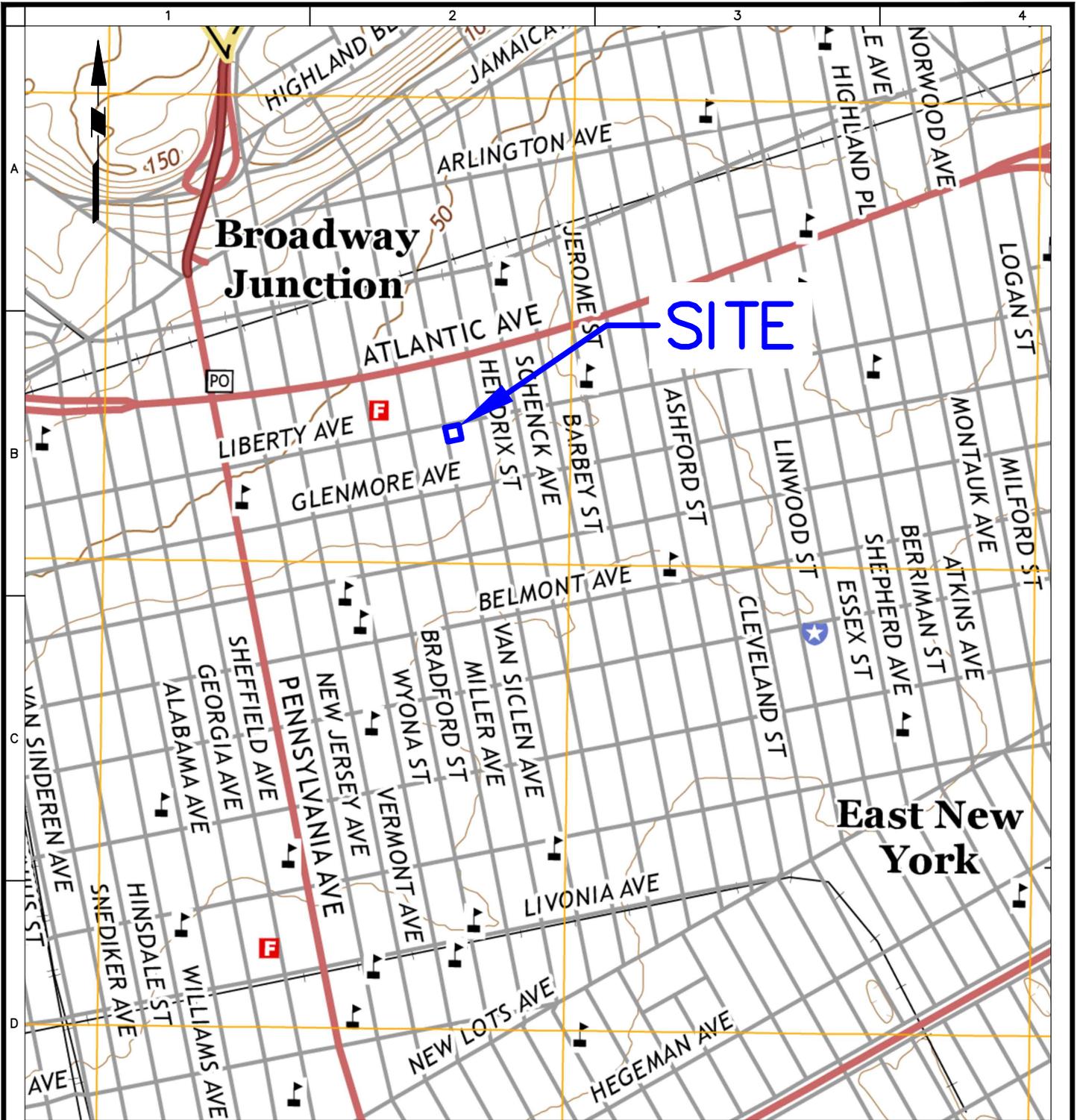
Prepared By:

Reviewed By:

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 15, 2019

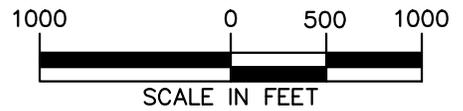
Appendix E1 – Site Location Map



NOTE:

1. BASE MAPS ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE BROOKLYN (NEW YORK) TOPOGRAPHIC QUADRANGLE, DATED 2016.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.



LANGAN
Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001

Project
**203-207 VAN SICLEN
AVENUE**
BLOCK No. 3978, LOT Nos. 14 AND
15

Figure Title
**SITE LOCATION
MAP**

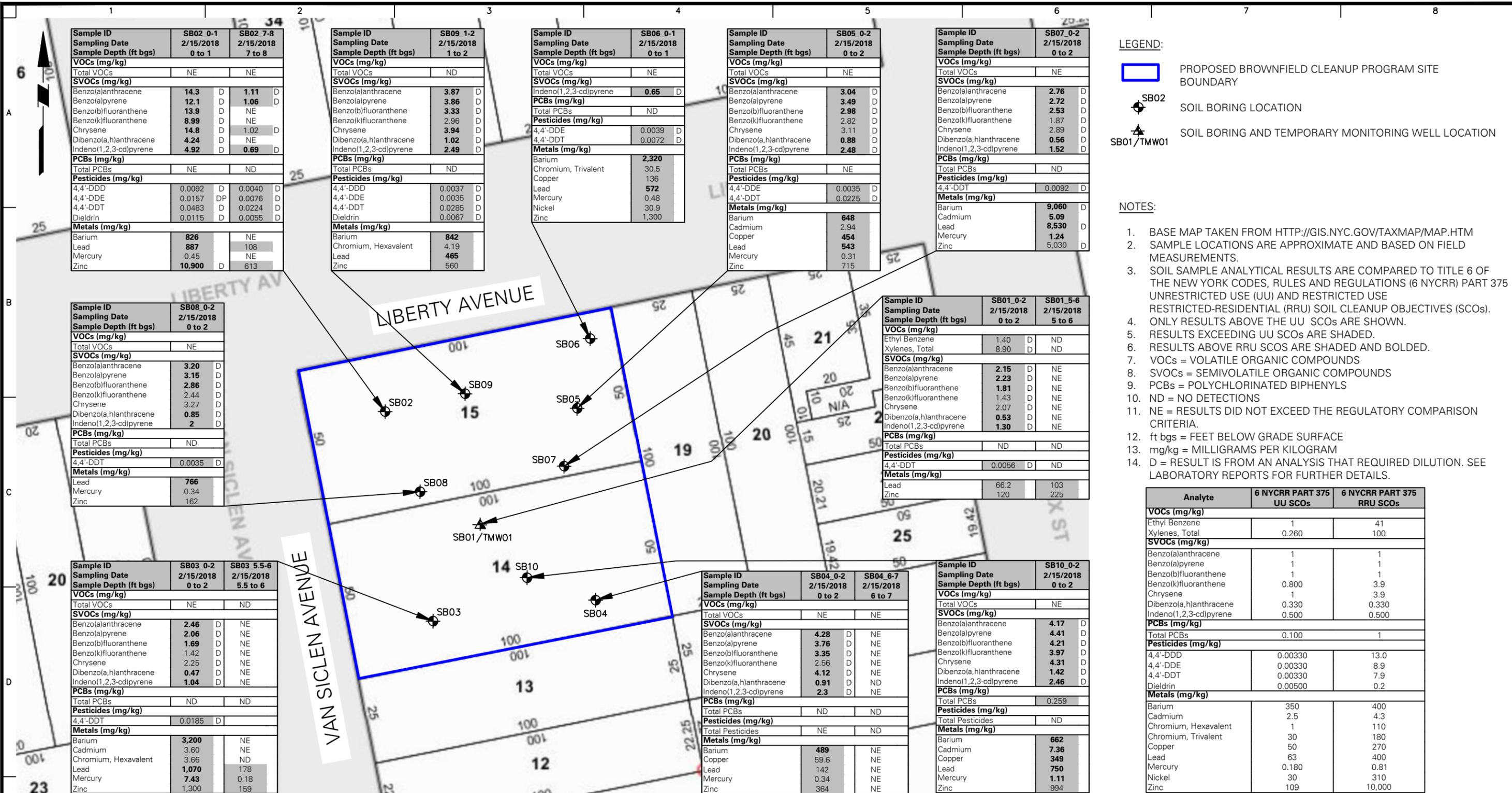
Project No.
170513001
Date
05/13/2019
Drawn By
ERA
Checked By
KS

Figure No.
1
Sheet 1 of 1

Citizen Participation Plan
203-207 Van Siclen Ave
Site No. C224285

May 15, 2019

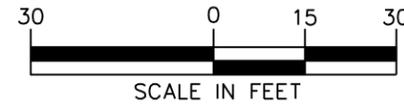
Appendix E2 – Soil Sample Location/Results Map



- LEGEND:**
- PROPOSED BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
 - SB02 SOIL BORING LOCATION
 - SB01/TMW01 SOIL BORING AND TEMPORARY MONITORING WELL LOCATION

- NOTES:**
1. BASE MAP TAKEN FROM [HTTP://GIS.NYC.GOV/TAXMAP/MAP.HTM](http://GIS.NYC.GOV/TAXMAP/MAP.HTM)
 2. SAMPLE LOCATIONS ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS.
 3. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO TITLE 6 OF THE NEW YORK CODES, RULES AND REGULATIONS (6 NYCRR) PART 375 UNRESTRICTED USE (UU) AND RESTRICTED USE RESTRICTED-RESIDENTIAL (RRU) SOIL CLEANUP OBJECTIVES (SCOs).
 4. ONLY RESULTS ABOVE THE UU SCOs ARE SHOWN.
 5. RESULTS EXCEEDING UU SCOs ARE SHOWN.
 6. RESULTS ABOVE RRU SCOs ARE SHOWN AND BOLDED.
 7. VOCs = VOLATILE ORGANIC COMPOUNDS
 8. SVOCs = SEMIVOLATILE ORGANIC COMPOUNDS
 9. PCBs = POLYCHLORINATED BIPHENYLS
 10. ND = NO DETECTIONS
 11. NE = RESULTS DID NOT EXCEED THE REGULATORY COMPARISON CRITERIA.
 12. ft bgs = FEET BELOW GRADE SURFACE
 13. mg/kg = MILLIGRAMS PER KILOGRAM
 14. D = RESULT IS FROM AN ANALYSIS THAT REQUIRED DILUTION. SEE LABORATORY REPORTS FOR FURTHER DETAILS.

Analyte	6 NYCRR PART 375 UU SCOs	6 NYCRR PART 375 RRU SCOs
VOCs (mg/kg)		
Ethyl Benzene	1	41
Xylenes, Total	0.260	100
SVOCs (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.800	3.9
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.330	0.330
Indeno(1,2,3-cd)pyrene	0.500	0.500
PCBs (mg/kg)		
Total PCBs	0.100	1
Pesticides (mg/kg)		
4,4'-DDD	0.00330	13.0
4,4'-DDE	0.00330	8.9
4,4'-DDT	0.00330	7.9
Dieldrin	0.00500	0.2
Metals (mg/kg)		
Barium	350	400
Cadmium	2.5	4.3
Chromium, Hexavalent	1	110
Chromium, Trivalent	30	180
Copper	50	270
Lead	63	400
Mercury	0.180	0.81
Nickel	30	310
Zinc	109	10,000



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

LANGAN
 21 Penn Plaza, 360 West 31st Street, 8th Floor
 New York, NY 10001
 T: 212.479.5400 F: 212.479.5444 www.langan.com
 Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
 Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
 Langan Engineering and Environmental Services, Inc.
 Langan CT, Inc.
 Langan International LLC
 Collectively known as Langan

Project
203-207 VAN SICLEN AVENUE
 BLOCK No. 3978, LOT Nos. 14 AND 15
BROOKLYN NEW YORK

Figure Title
SOIL SAMPLE LOCATION AND RESULTS SUMMARY MAP

Project No. 170513001	Figure No.
Date 03/22/2018	C-1
Scale 1" = 30'	
Drawn By ERA	Checked By KS
Submission Date APRIL 2018	Sheet 1 of 3