



## **Brownfield Cleanup Program**

# **Citizen Participation Plan** for **601 Washington LLC**

601 Washington Street  
New York, New York 10014

June 2015

# Contents

<b><u>Section</u></b>	<b><u>Page Number</u></b>
<b>1. What is New York’s Brownfield Cleanup Program? .....</b>	<b>1</b>
<b>2. Citizen Participation Activities .....</b>	<b>1</b>
<b>3. Major Issues of Public Concern .....</b>	<b>6</b>
<b>4. Site Information .....</b>	<b>7</b>
<b>5. Investigation and Cleanup Process .....</b>	<b>15</b>

## **Appendix A – Project Contacts and Locations of Reports and Information**

## **Appendix B – Site Contact List**

## **Appendix C – Site Location Map**

## **Appendix D – Brownfield Cleanup Program Process**

\* \* \* \* \*

**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 (NYSDEC). Portions of this Citizen Participation Plan may be revised during the brownfield site’s remedial process.

Applicant: **601 Washington LLC (“Volunteer”)**

Site Name: **601 Washington Street (“site”)**

Site Address: **601 Washington Street**

Site County: **Manhattan**

Site Number: Not yet assigned

## **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 NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When 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 NYSDEC Involves the Public and Why It Is Important*

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. 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 NYSDEC's site investigation and cleanup process;
- Ensuring that 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 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 NYSDEC, NYSDOH and the Applicant representative 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 web-site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

### *Site Contact List*

Appendix B 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 which 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.

### *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 D 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 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, 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*

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 citizen participation activities related to the site's cleanup program is including on the following page.

Citizen Participation Requirements (Activities)	Timing of CP Activity(ies)
<b>Application Process: (Complete)</b>	
<ul style="list-style-type: none"> <li>• Prepare site contact list</li> <li>• Establish document repositories</li> </ul>	At time of preparation of application to participate in the BCP.
<ul style="list-style-type: none"> <li>• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 45-day public comment period</li> <li>• Publish above ENB content in local newspaper</li> <li>• Mail above ENB content to site contact list</li> <li>• Conduct 45-day public comment period</li> </ul>	ENB notice, newspaper notice, and notice to the site contact list will be provided to the public at the same time. The BCP application and RAWP will be submitted only weeks apart, and therefore, one 45-day public comment period will take place after NYSDEC determines that the BCP application is complete, but before the RAWP is approved. The 45-day public comment period begins on date of publication of notice in the ENB. End date of public comment period is as stated in the ENB notice.
<b>After Execution of Brownfield Site Cleanup Agreement:</b>	
<ul style="list-style-type: none"> <li>• Prepare Citizen Participation (CP) Plan</li> </ul>	Before start of Remedial Action
<b>Before NYSDEC Approves Remedial Action Work Plan (RAWP):</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list about proposed RAWP and announcing 45-day public comment period</li> <li>• Public meeting by NYSDEC about proposed RAWP (if requested by affected community or at discretion of NYSDEC project manager)</li> <li>• Conduct 45-day public comment period</li> </ul>	Before NYSDEC approves RAWP, a 45-day public comment period begins/ends as per dates. This is the same 45-day public comment period discussed above. As identified in the fact sheet, the public meeting would be held within in the 45-day cpublic comment period.
<b>Before Applicant Starts Cleanup Action:</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list that describes upcoming cleanup action</li> </ul>	Before the start of cleanup action.
<b>After Applicant Completes Cleanup Action:</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that summarizes the Final Engineering Report</li> <li>• Distribute fact sheet to site contact list announcing issuance of Certificate of Completion (COC)</li> </ul>	At the time NYSDEC approves Final Engineering Report. These two fact sheets are combined if possible if there is not a delay in issuing the COC.

### 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 Remedial Action Work Plan (RAWP), a Community Air Monitoring Program (CAMP) and/or a site-specific Health and Safety Program (HASP) for the project to be approved by NYSDEC prior to work.

**The site is not located in an 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. Therefore, there is no need to translate any future fact sheets into another language.

Based on previous investigations, historic use of the property included: trucking garage, truck repair shop, welding supply, express depot, engine works, brass foundry, shipping company and meatpacking company. In general, historic use of the site involved commercial, industrial and manufacturing purposes. Contaminants of concern include chlorinated and petroleum-related volatile organic compounds (VOC), semi-volatile organic compounds (SVOC) and metals. Contaminants are discussed in further detail in Section 4. The identified contaminants will be remediated to support the redevelopment of the site for restricted residential use using a NYSDEC-approved RAWP.

Site information is available through Project Contacts mentioned in Section 2 and detailed in Appendix A. The BCP Application, which includes the previous investigations at the site and future reports prepared for NYSDEC, will be available in the document repository discussed above in Section 2 and detailed in Appendix A. The RAWP will include schedules for the planned work to make Citizen Participation Plans (CPPs) as consistent as possible with DER's CP Handbook, Region 2. 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.



#### 4. Site Information

##### Site Description

The Site is located at 601 Washington Street, New York, NY, and is identified as Block 602, Lot 28 on the New York City Tax Map. The Site encompasses approximately 8,900 square feet and is improved with a two-story building currently occupied by Gavin Brown Art Gallery. The site is bounded by multi-story residential buildings to the north, Leroy Street to the south, Greenwich Street to the east and Washington Street to the west.

##### *History of Site Use, Investigation, and Cleanup*

Historical land use in the surrounding area has predominantly been used for commercial, industrial and manufacturing purposes. An analysis of the Sanborn fire insurance maps indicated numerous historical land uses with the potential to impact the subsurface. These have been summarized in the following table:

Orientation	Block	Lot	Historic Site and Adjacent Site Uses
Site	602	28	Garages, engine works, brass foundry, trucking garage and repair with two 500 gallon underground storage tanks (UST) and an express depot.
North	602	30	Writing ink manufacturer with 10,000 gallon gravity tanks and 5,000 gallon press tank, Chinese laundry, storage of bonded and non-fiber a.f.a. and a public storage warehouse
West	602	10	No significant sources – residential buildings, retail, parking garage
East	602	55, 56, 85	Parking, residential, truck loading, laboratory and storage, recording studio, welding supply.
South Southeast Southwest	601	13, 26, 47	Masonry storage, iron works, garage, dining car, truck terminal and offices, storage, loading platform, motor vehicle repair shop w/ fuel oil and gasoline tanks, storage/receiving/shipping yard, steel product manufacturing, office building, jewelry manufacturing, Federal Express parking and garage.

The Sanborn fire insurance maps are included in Appendix D of the RAWP.

Prior to entry into the NYSDEC BCP, the site was the subject of a number of investigations,

which are documented in the following reports:

- January 3, 2013 (*revised October 28, 2013*) *Phase I Environmental Site Assessment (ESA)*, prepared by EBI Consulting
- May 6, 2013 *Underground Storage Tank (UST) Locates*, prepared by ACS Underground Solutions
- October 22, 2013 *Underground Storage Tank (UST) Locates*, prepared by ACS Underground Solutions
- December 2014 *Remedial Investigation Report (RIR)*, prepared by Langan

Below is a summary of available environmental reports in chronological order:

January 3, 2013 - Phase I ESA issued by EBI Consulting

Report findings and opinions regarding the historic use of the Site and the former presence of USTs are as follows:

- The Subject property was developed with a garage containing two 550-gallon buried gasoline tanks from approximately 1920 to at least 1928. From at least 1969 until 2005, the Subject Property was occupied by a truck repair, a welding supplies business, and several trucking companies, with one 500-gallon buried gasoline tank.
- The location of the tanks was not shown on the historical Sanborn maps reviewed by EBI Consulting (EBI), and therefore, it is unclear if the tanks were inside or outside of the building footprint (e.g. beneath the adjacent sidewalks).
- No documentation regarding the removal of these Underground Storage Tank (UST) systems, or documentation regarding previous soil and/or groundwater investigation at this location, was identified during the Phase I Environmental Site Assessment (ESA).
- Ground penetrating radar (GPR) surveys of the interior and exterior of the Subject property were performed in May and October of 2013. These surveys did not identify any USTs. However, EBI noted that one of the interior rooms had piping and a concrete floor patch which could be indicative of the existence of a former UST.
- The potential exists that both the former buried gasoline USTs and the historical Site use as a trucking/truck repair company have adversely impacted the Subject Property, and therefore, each is considered a Recognized Environmental Condition (REC).

Other notable findings and opinions identified in the report include the following:

- The Subject Property is subject to an E-designation (E-211) by the City of New York. Due to the possible presence of hazardous materials on the designated site there is the potential for contamination of the soil and groundwater at the site.

- EBI identified friable suspect Asbestos-Containing Material (ACM) at the Subject Property in the form of sheetrock/joint compound composite material and non-friable suspect ACM in the form of roofing materials. These materials were observed to be undamaged and in good condition at the time of assessment. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, equipment, or water and sewer systems.

#### May 6, 2013 - Ground Penetrating Radar (GPR) Survey Report, prepared by ACS Underground Solutions

On April 29, 2013, ACS Underground Solutions performed a UST locate using Concrete Imaging with GPR to scan five rooms plus a storage area inside the building located at 601 Washington Street, New York, New York. Upon completion of scanning the areas as directed by the Client, their findings concluded that there were no USTs beneath the sidewalks.

#### October 22, 2013 - Ground Penetrating Radar (GPR) Survey Report, prepared by ACS Underground Solutions

On October 18, 2013, ACS Underground Solutions performed a UST locate using Concrete Imaging with GPR to scan three sidewalks surrounding the existing building located at 601 Washington Street, New York, NY. Upon completion of scanning the areas as directed by the Client, their findings concluded that there were no USTs beneath the sidewalks.

#### December 2014 Remedial Investigation Report (RIR), prepared by Langan

Langan conducted the Remedial Investigation (RI) in three stages between August 4 to 14, 2014, September 29 to October 10, 2014, and October 30 to November 7, 2014, to characterize the nature and extent of contamination at the site. Investigation activities included a geophysical survey, soil boring advancement, monitoring well installation, soil vapor probe installation, and collection of soil, groundwater and soil vapor samples.

The RI was conducted in accordance with New York Codes, Rules and Regulations (NYCRR) Title 6 Part 375 (6 NYCRR Part 375), the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (May 2010) (DER-10), the NYSDEC Draft Brownfield Cleanup Program Guide (May 2004), and NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006).

The RI consisted of the following:

August 4 to 14, 2014:

- Conduct an indoor geophysical survey
- Installation of seven soil borings and collection of fifteen grab soil samples (including one

duplicate sample)

- Installation of three groundwater monitoring wells and collection of four groundwater samples (including one duplicate sample) and one trip blank
- Installation of four soil vapor points and collection of four soil vapor samples and one ambient air sample

September 29 to October 10, 2014

- Installation of three groundwater monitoring wells on the sidewalk southeast and collection of one grab soil sample
- Collection of three groundwater samples (including one duplicate sample) and one trip blank

October 30 to November 7, 2014

- Installation of an additional three groundwater wells inside the building
- Collection of three groundwater samples (including one duplicate sample) and one trip blank

RI findings and conclusions include the following:

- Topography and Geography: The site is currently improved with a one to two-story commercial structure used as an art studio. The average site grade is approximately el. 13.6 (North American Vertical Datum of 1988 [NAVD88]). The building's concrete slab is underlain by urban fill, typically characterized as brown sand with trace gravel and brick fragments. The depth of fill was variable with a maximum recorded depth of 17 feet below grade surface (bgs) in the south central portion of the site (SB-2). Brown, fine to coarse sand with discontinuous thin layers of sandy silt was identified below the fill. Bedrock was not encountered during this investigation; however, based on Langan's experience in this area, it is estimated to be gray mica schist bedrock at depths of approximately 70 to 100 feet bgs. Staining, odors and elevated photoionization detector (PID) readings were not identified on the site during the investigation, but were found in an off-site boring (MW-6) in the Leroy Street sidewalk at a depth of 2 to 3 feet bgs.
- Hydrogeology: The depth to groundwater ranged from approximately 13.4 feet bgs (el. -1.06 [NAVD88]) in MW-4 to 15.4 feet bgs (el. -1.37 [NAVD88]) in MW-3. Regional groundwater is estimated to flow to the west toward the nearby Hudson River. Based on site groundwater gauging, localized groundwater is estimated to flow towards the southeast. This localized groundwater flow could be explained by the historical presence of a natural topographic peak in the western portion of the site or local influences in the subsurface (e.g., utilities).

- Soil Impacts: Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), metal and pesticide exceedances of 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) were identified; however, only SVOCs and metals exceeded the Restricted Residential Use SCOs. One VOC exceedance (1,2,4-trimethylbenzene) of Restricted Residential Use SCOs was recorded in off-site Leroy Street sidewalk boring MW-6 at 2 to 3 feet bgs. Potential sources of soil contaminants are urban fill and historic use of the Site and surrounding properties. Soil Contaminants of Concern (COC) include SVOCs and metals.
- Groundwater Impacts: VOCs, SVOCs and metals were detected in the groundwater above NYSDEC TOGS 1.1.1 Ambient Water Quality Standards (AWQS) for Class GA water ("potable water supply"). Metal exceedances were attributed to brackish water and regional groundwater quality and are not considered COCs. One SVOC, bis(2-ethylhexyl)phthalate, was detected in one sample location at a concentration less than an order of magnitude above the standard and is not considered a COC.  
Chlorinated solvent exceedances of groundwater standards were identified at the Site and below adjacent sidewalks. The highest concentrations of 1,2-dichloroethene (1,2-DCE) (9.8 micrograms per liter [µg/l]), tetrachloroethene (PCE) (37 µg/l), and trichloroethene (TCE) (470 µg/l) were identified at MW-1 in the southwest portion of the site. Potential sources of groundwater contaminants are historic use of the site and surrounding properties. Groundwater COCs include PCE, TCE and 1,2-DCE.
- Soil Vapor Impacts: Analytical results identified petroleum and chlorinated solvent-related VOCs in the site subsurface soil vapor at concentrations in excess of the ambient air sample. TCE was identified up to 497 micrograms per cubic meter (µg/m<sup>3</sup>) and PCE was identified up to 99.7 µg/m<sup>3</sup> at SV-1 located in the southwest portion of the site. Potential sources of soil vapor contamination are historic use of the site and surrounding properties and potential USTs. Soil vapor COCs include PCE, TCE and benzene, toluene, ethylbenzene and xylene (BTEX).
- Suspected UST: An anomaly consistent with a potential UST area was identified along the southern site boundary (near SB-3). Staining, odor, and elevated PID readings were not observed in this area or on the Site. Soil and groundwater samples in the vicinity of the suspected tank did not identify contamination indicative of a petroleum release; however, petroleum VOCs in soil vapor in the vicinity of the tank were identified above ambient air concentrations.
- Sufficient analytical data was gathered during this RI to establish site-specific soil cleanup levels and to develop a remedy for the site. The remedy was described and evaluated in the Remedial Action Work Plan (RAWP), which has been prepared in accordance with New York State BCP guidelines. The remedy for the Site will need to address soil/fill impacted

with SVOCs and metals; groundwater impacted with chlorinated VOCs; soil vapor impacted with VOCs; and a contingency for the removal and closure of USTs, if encountered.

### Environmental Summary

The following table summarizes maximum concentrations found for the primary contaminants of concern identified in the soil, groundwater and soil vapor during the RI:

**Primary Contaminants of Concern**

<b>Compound</b>	<b>Max. Soil Concentrations (mg/kg)</b>	<b>Max. Groundwater Concentrations (ug/L)</b>	<b>Max. Soil Vapor Concentrations (ug/m3)</b>
1,1,1-Trichloroethane	No detections	No detections	<b>13.1</b>
1,1,2-Trichloroethane	No detections	No detections	<b>3.64</b>
1,1-Dichloroethane	No detections	No detections	<b>3.99</b>
1,1-Dichloroethene	No detections	No detections	<b>2.74</b>
1,2,4-Trimethylbenzene	<b>80</b>	No detections	<b>42.5</b>
1,2-Dichloroethane	<b>0.054</b>	No SCO	No detections
1,2-Dichloropropane	No detections	No detections	<b>929</b>
1,3,5-Trimethylbenzene	<b>50</b>	No detections	<b>51.1</b>
1,3-Butadiene	No detections	No detections	<b>10.4</b>
2,2,4-Trimethylpentane	No detections	No detections	<b>17.2</b>
2-Butanone	No detections	No detections	<b>13.4</b>
2-Hexanone	No detections	No detections	<b>6.76</b>
4-Ethyltoluene	No SCO	No detections	<b>8.9</b>
4-Methyl-2-pentanone	No detections	No detections	<b>4.63</b>
Acetone	<b>0.29</b>	No detections	<b>81.5</b>
Benzene	<b>0.2</b>	No detections	<b>19.2</b>
Carbon Disulfide	No detections	No detections	<b>7.13</b>
Carbon Tetrachloride	No detections	No detections	<b>2.12</b>
Chloroform	No detections	<b>8.4</b>	<b>101</b>
cis-1,2-Dichloroethene	No detections	<b>9.8</b>	<b>4.72</b>
Cyclohexane	No detections	No detections	<b>9.74</b>
Dichlorodifluoromethane	No detections	No detections	<b>2.57</b>
Ethanol	No detections	No detections	<b>187</b>
Ethylbenzene	No detections	No detections	<b>22</b>
Heptane	No detections	No detections	<b>63.1</b>
Isopropanol	No detections	No detections	<b>17.9</b>
n-Hexane	No detections	No detections	<b>23.6</b>

<b>Compound</b>	<b>Max. Soil Concentrations (mg/kg)</b>	<b>Max. Groundwater Concentrations (ug/L)</b>	<b>Max. Soil Vapor Concentrations (ug/m3)</b>
n-Propylbenzene	<b>9</b>	No detections	No detections
o-Xylene	No SCO	No detections	<b>122</b>
p/m-Xylene	No SCO	No detections	<b>182</b>
Styrene	No detections	No detections	<b>63.9</b>
Tertiary Butyl Alcohol	No detections	No detections	<b>5.06</b>
Tetrachloroethene (PCE)	No exceedances	<b>37</b>	<b>99.7</b>
Tetrahydrofuran	No detections	No detections	<b>4.39</b>
Toluene	No exceedances	No detections	<b>56.2</b>
Trichloroethene (TCE)	No exceedances	<b>470</b>	<b>497</b>
Trichlorofluoromethane	No detections	No detections	<b>3.71</b>
Xylene (total)	<b>0.79</b>	No detections	No detections
Benzo(a)anthracene	<b>13</b>	No detections	Not analyzed
Benzo(a)pyrene	<b>12</b>	No detections	Not analyzed
Benzo(b)fluoranthene	<b>16</b>	No detections	Not analyzed
Benzo(k)fluoranthene	<b>7</b>	No detections	Not analyzed
bis(2-ethylhexyl)phthalate	No detections	<b>11</b>	Not analyzed
Chrysene	<b>15</b>	No detections	Not analyzed
Dibenzo(a,h)anthracene	<b>1.9</b>	No detections	Not analyzed
Indeno(1,2,3-cd)pyrene	<b>7.4</b>	No detections	Not analyzed
Arsenic (Total)	<b>37</b>	No detections	Not analyzed
Barium (Total)	<b>930</b>	No exceedances	Not analyzed
Cadmium (Total)	<b>2.6</b>	No detections	Not analyzed
Chromium, Hexavalent (Total)	<b>1.8</b>	Not analyzed	Not analyzed
Chromium, Trivalent (Total)	<b>42</b>	Not analyzed	Not analyzed
Copper (Total)	<b>3200</b>	No detections	Not analyzed
Lead (Total)	<b>2700</b>	No detections	Not analyzed
Magnesium (Dissolved)	Not analyzed	<b>35,800</b>	Not analyzed
Mercury (Total)	<b>2</b>	Not analyzed	Not analyzed
Nickel (Total)	<b>100</b>	No exceedances	Not analyzed
Sodium (Dissolved)	Not analyzed	<b>531,000</b>	Not analyzed
Sodium (Total)	No SCO	<b>455,000</b>	Not analyzed
Zinc (Total)	<b>680</b>	No detections	Not analyzed
PCBs (total)	No exceedances	No detections	Not analyzed
4,4'DDD	<b>0.00709</b>	No detections	Not analyzed
4,4'-DDE	<b>0.0625</b>	No detections	Not analyzed

<b>Compound</b>	<b>Max. Soil Concentrations (mg/kg)</b>	<b>Max. Groundwater Concentrations (ug/L)</b>	<b>Max. Soil Vapor Concentrations (ug/m3)</b>
4,4'-DDT	<b>0.0343</b>	No detections	Not analyzed
Dieldrin	<b>0.00627</b>	No detections	Not analyzed

## 5. Investigation and Cleanup Process

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

### *Application*

The Applicant has applied for and been accepted into New York's BCP as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants or whose ownership or operation of the site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination on-site, and must 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 Applicant in its Application proposes that the site will be used for residential purposes.

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

### *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 Applicant 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 or COC (described below) to the Applicant.



**or**

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a Remedial Action Work Plan. The Remedial Action Work Plan describes the Applicant's proposed remedy for addressing contamination related to the site.

When the Applicant submits a proposed Remedial Work Plan 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 New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC oversees the activities. When the Applicant 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. The site contact list will receive a fact sheet that announces the completion of remedial activities and the review of the FER.

#### *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 COC to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant would be eligible to use the remediated site for the approved uses 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 Applicant 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 brownfield site, such as a deed restriction that would prevent or restrict certain uses of the remediated site. An institutional control may be used when the remedial 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, such as a cap or vapor barrier.

Site management will be conducted by the Applicant as required. NYSDEC will provide appropriate oversight. Site management involves the institutional and engineering controls required for the brownfield site. Examples include: operation of a water treatment plant, maintenance of a cap or cover, and monitoring of groundwater quality. Site management continues until NYSDEC determines that it is no longer needed.

## **Appendix A**

### **Project Contacts and Locations of Reports and Information**

#### **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):**

Jonathan Greco  
Project Manager  
NYSDEC  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7016  
Phone: 518-402-9694  
[Email: jonathan.greco@ dec.ny.gov](mailto:jonathan.greco@dec.ny.gov)

#### **New York State Department of Health (NYSDOH):**

Bridget Boyd  
Public Health Specialist  
NYSDOH  
Empire State Plaza  
Corning Tower, Room 1787  
Albany, NY 12237  
518-402-7860  
Email: [bee@health.ny.gov](mailto:bee@health.ny.gov)

#### **Remedial Engineer and Volunteer's Representative:**

Jason Hayes, P.E.  
Langan Engineering  
21 Penn Plaza  
360 W 31<sup>st</sup> Street, 8<sup>th</sup> Floor  
New York, New York 10001  
212-479-5427  
Email: [jahayes@langan.com](mailto:jahayes@langan.com)

#### **Locations of Reports and Information**

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

Hudson Park Library  
66 Leroy Street  
New York, NY 10014  
(212) 243-6876

## **Appendix B – Site Contact List**

**Chief executive officer and official(s) principally involved with relevant zoning and planning matters:**

Chief Executive Officer

Mayor Bill de Blasio  
City Hall  
New York, New York 10007

**Local Government Officials:**

New York City Department of City Planning

Carl Weisbrod  
Chairman  
Department of City Planning  
22 Reade Street  
New York, NY 10007-1216

City Comptroller

Hon. Scott M. Stringer  
1 Center Street  
New York, NY 10007  
Phone: 212-669-3916

NYC Council District #3

Hon. Corey Johnson  
224 West 30<sup>th</sup> Street, Suite 1206  
New York, NY 10001

New York County Clerk

Hon. Norman Goodman  
New York County Clerk's Office  
60 Centre Street, Room 161  
New York, NY 10007  
Phone: 646-386-5955

NYC Mayor's Office of Environmental  
Sustainability

Attn: Nilda Mesa, Director  
100 Gold Street, 2<sup>nd</sup> Floor  
New York, NY 10038

Manhattan Borough President

Hon. Gale Brewer  
1 Center Street, 19<sup>th</sup>  
Floor  
New York, NY 10007  
Phone: (212) 669-8300

Public Advocate

Hon. Letitia James  
1 Centre Street, 15<sup>th</sup> Floor  
New York, NY 10007  
Phone: 212-669-7200

Public Water Supplier

NYC Dept. of Environmental Protection  
Emily Lloyd, Commissioner  
59-17 Junction Boulevard  
Flushing, NY 11373

Manhattan Community Board 2

3 Washington Square Village, #1A  
New York, NY 10012  
Phone: 212-979-2272  
Chair: David Gruber  
District Manager: Bob Gormley  
Quality of Life Committee Chair: Robert  
Woodworth

NYS Assembly Member (District 66)

Hon. Deborah J. Glick  
853 Broadway, Suite 2007  
New York, NY 10003  
Phone: 212-674-5153

NYS Senator (District 27)

Hon. Brad Hoylman  
322 Eighth Avenue, Suite 1700  
New York, NY 10001

US Senator

Hon. Charles E. Schumer  
780 Third Avenue, Suite 2301  
New York, NY 10017

US Senator

Hon. Kristin E. Gillibrand  
780 Third Avenue, Suite 2601  
New York, NY 10017

US House of Representatives

Hon. Jerrold Nadler  
201 Varick Street, Suite 669  
New York, NY 10014

**Local Media Outlets:**

New York Daily News  
4 New York Plaza  
New York, NY 10004

New York Post  
1211 Avenue of the Americas  
New York, NY 10036

NY 1 News  
75 Ninth Avenue  
New York, NY 10011

NYC Dept. of Parks & Recreation  
Attn: Mike Silver, Commissioner  
The Arsenal, Central Park  
830 Fifth Avenue New York, NY 10065

Chelsea Now  
One Metrotech Center North  
Brooklyn, NY 11201

The West Sider Chelsea Clinton News  
79 Madison Avenue, 16th Floor  
New York, NY  
10016

West Side Spirit  
20 West Avenue  
Chester, NY  
10918

Metro New York  
120 Broadway, 6th Floor  
New York, NY 10271

AM New York  
240 West 35th Street, 9th Floor  
New York, NY 10001

New York Observer  
321 West 44th Street, 6th Floor,  
New York, NY 10036

**Public Water Supply**

The responsibility for supplying water in New York City is shared between the NYC Department of Environmental Protection, the Municipal Water Finance Authority, and the New York City Water Board:

**NYCDEP**

Emily Lloyd, Commissioner  
59-17 Junction Boulevard, 13<sup>th</sup> Floor  
Flushing, NY 11373

**New York City Municipal Water Finance Authority**

255 Greenwich Street, 6<sup>th</sup> Floor  
New York, NY 10007

**New York City Water Board**

Department of Environmental  
Protection 59-17 Junction Boulevard,  
8<sup>th</sup> Floor Flushing, NY 11373

**Request for Contact**

We are unaware of any requests for inclusion on the contact list.

**Schools and Day Care Facilities:**

There are no schools or day care facilities located on the site. The following are schools or day care facilities located within ½ mile of the site:

City As School H.S (approximately 650 feet southeast of the site)

Attn: Alan Cheng, Principal  
New York City Department of Education  
16 Clarkson Street  
New York, NY 10014

Chelsea Career and Technical Education High School (approximately 2,200 feet southeast of the site)

New York City Department of Education  
Attn: Brian Bloom, Principal  
131 Avenue of the Americas  
New York, NY 10013

School for Young Performers (approximately 2,600 feet south of the site)

Branca Real Estate US  
115 Watts Street  
New York, NY 10013

Broome Street Academy Charter School (approximately 2,400 feet southeast of the site)

Attn: Barbara McKeon, Principal  
NYC Indust Dulp Assoc  
121 Avenue of the Americas  
New York, NY 10013

Cooke Center Academy (approximately 1,900 feet southeast of the site)  
Attn: Michael Termini, President  
Church of St Anthony Parish  
60 Mac Dougal Street  
New York, NY 10012

Little Red School House (approximately 1,700 feet east of the site)  
Attn: Principal  
Little Red School House  
200 Bleecker Street  
New York, NY 10014

Our Lady of Pompeii School (approximately 1,400 feet east of the site)  
Attn: Principal  
Church of Our Lady of Pompeii  
240 Bleecker Street  
New York, NY 10014

Academy of St Joseph (approximately 2,000 feet northeast of the site)  
Attn: Ms. Angela Coombs  
111 Washington Place  
New York, NY 10014

PS 3 Charrette School (approximately 1,000 feet northeast of the site)  
Attn: Lisa Siegman, Principal  
New York City Department of Education  
490 Hudson Street  
New York, NY 10014

Saint Luke's School (approximately 800 feet north of the site)  
Attn: Bart Baldwin  
The Board of Managers  
487 Hudson Street  
New York, NY 10014

Village Community School (approximately 800 feet north of the site)  
Attn: Eve K. Kleger  
Village Community School  
272 West 10<sup>th</sup> Street  
New York, NY 10014

**Residents, owners, and occupants of the site and properties adjacent to the site:**

The site is owned by 601 Washington LLC and is improved with a two-story building currently occupied by Gavin Brown Art Gallery on Block 602, Lot 28.

See table on the next page for a list of adjacent property owners.

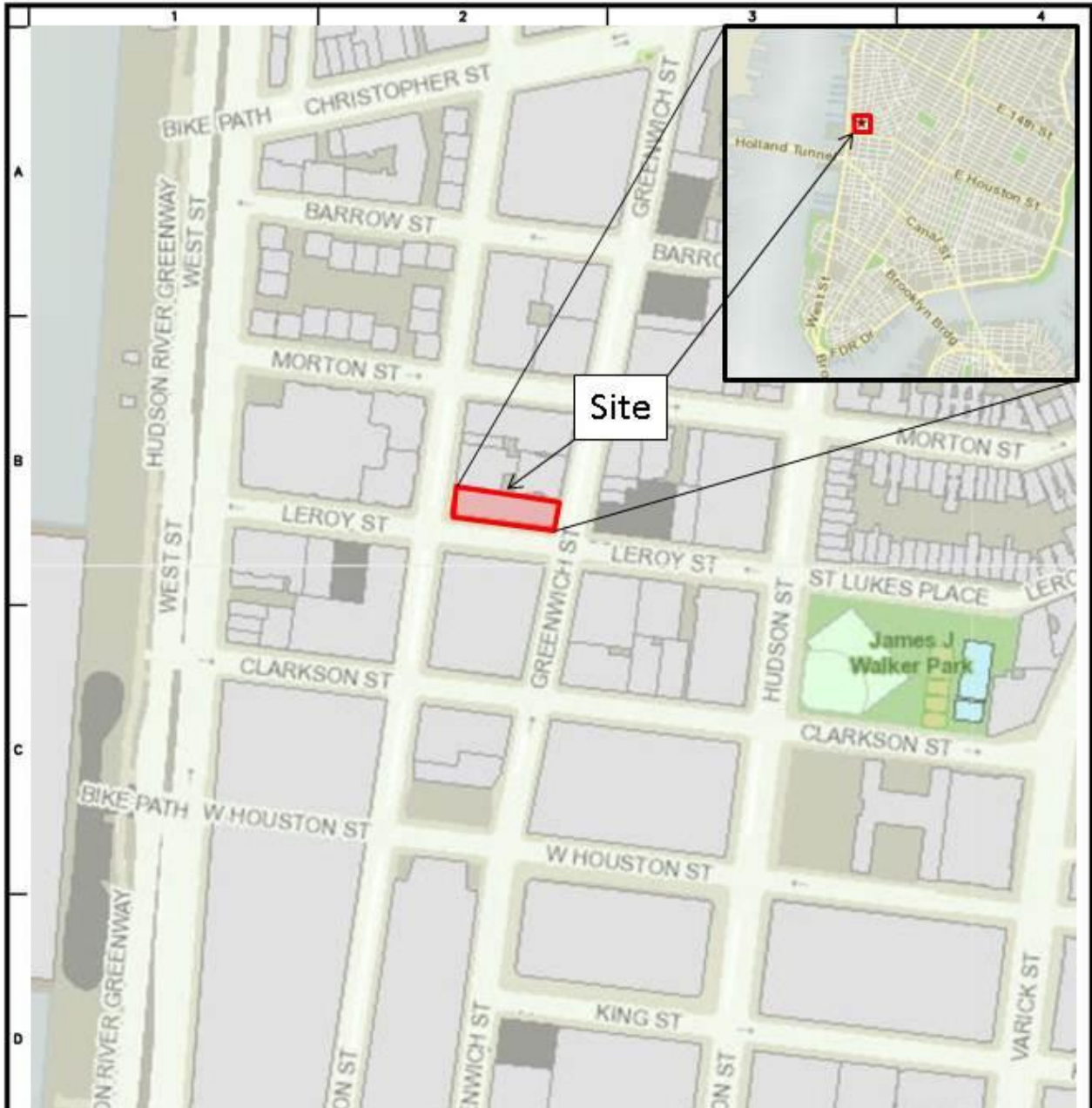
## **Community, Civic, Religious and Other Educational Institutions:**

The River Project  
Pier 40 at West St. & Houston  
St., 2nd Floor  
New York, NY 10014

Hudson River Park Trust  
353 West Street (at W. Houston St.)  
Pier 40, 2<sup>nd</sup> Floor  
New York, NY 10014



## Appendix C – Site Location Map

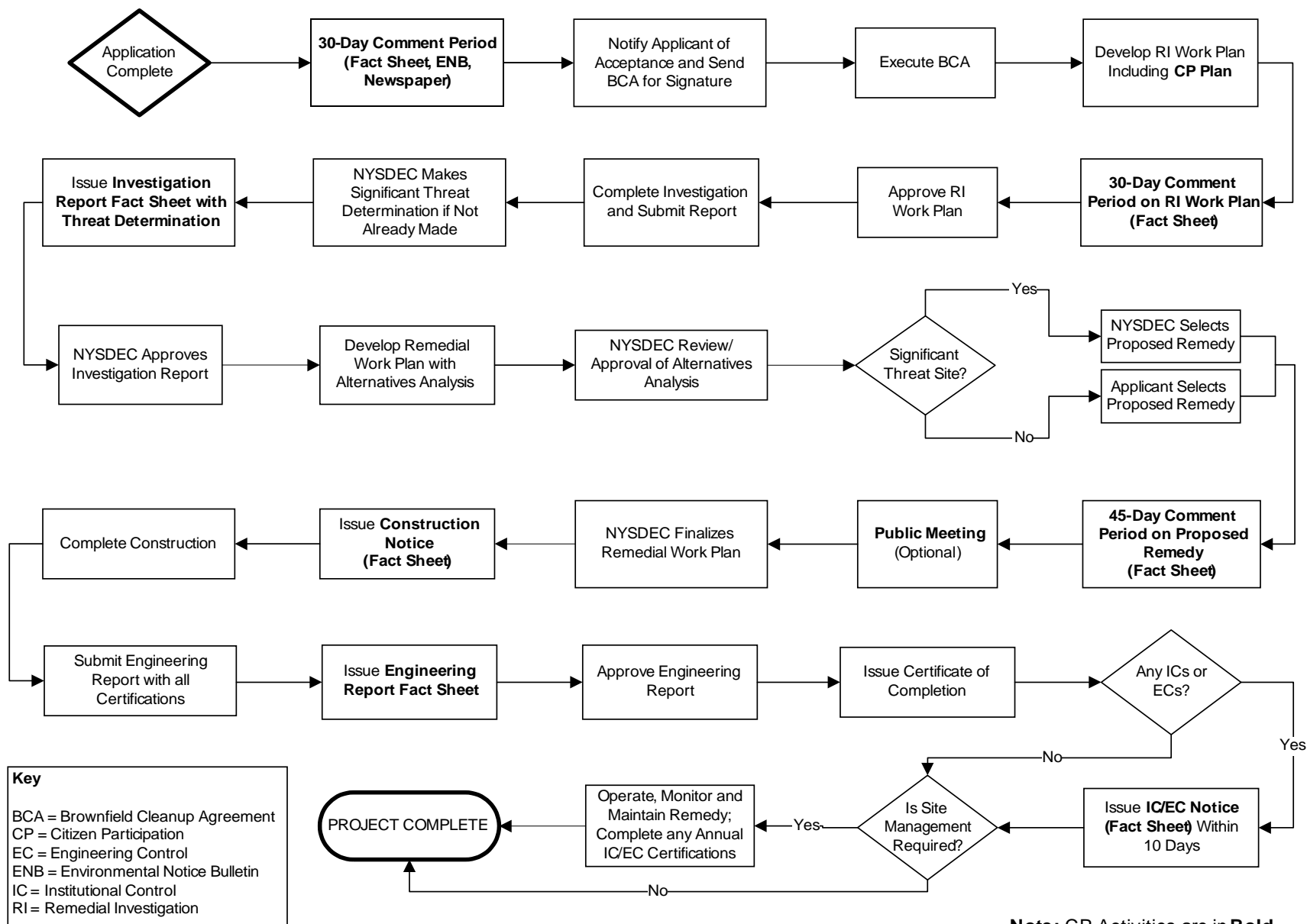


### GENERAL NOTES:

1. BASE MAP AND INSET BASE MAP TAKEN FROM [HTTP://MAPS.NYC.GOV/DOITT/NYCITYMAP/](http://maps.nyc.gov/doitt/nycitymap/)

<b>LANGAN</b> 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.679-5400 F: 212.679-5444 www.langan.com 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	<b>Project</b> <b>601 WASHINGTON STREET</b> <b>BLOCK No. 602, LOT No. 28</b> <b>NEW YORK NEW YORK</b>	<b>Figure Title</b> <b>SITE LOCATION MAP</b>	<b>Project No.</b> 170263301 <b>Date</b> 12/17/2014 <b>Scale</b> N.T.S. <b>Drawn By</b> AT <b>Checked By</b> JG <b>Submission Date</b>	<b>Figure No.</b> <b>1</b> <b>Sheet 1 of 9</b>
---	--	---	--	--

## Appendix D– Brownfield Cleanup Program Process



	A	B	C	D	E	F	G	H	I	J
1	Site Contact List									
2	Site #: Not Yet Assigned									
3	Site Name: 601 Washington Street Site		List Last Updated: 4-27-16							
4	Current Occupant	Name, Title	Address 1	Address 2	Address 3	Street Address	City	State	Zip	Site Name (County)
5	Current Occupant	Hon. Bill de Blasio	NYC Mayor			City Hall	New York	NY	10007	601 Washington Street Site (Manhattan)
6	Current Occupant	Hon. Scott Stringer	NYC Comptroller			1 Centre Street	New York	NY	10007	601 Washington Street Site (Manhattan)
7	Current Occupant	Hon. Letitia James	Public Advocate			1 Centre Street	New York	NY	10007	601 Washington Street Site (Manhattan)
8	Current Occupant	Carl Weisbrod	Commissioner, NYC Dept. of City Planning			22 Reade Street	New York	NY	10007	601 Washington Street Site (Manhattan)
9		Emily Lloyd	Commissioner, NYC Dept. of Environmental Protection			59-17 Junction Boulevard	Flushing	NY	11373	601 Washington Street Site (Manhattan)
10		Nilda Mesa, Director	NYC Office of Environmental Sustainability			100 Gold Street - 2nd Floor	New York	NY	10038	601 Washington Street Site (Manhattan)
11		John Wuthenow	Office of Environmental Assessment & Planning	NYC Dept. of Environmental Protection		96-05 Horace Harding Expressway	Flushing	NY	11373	601 Washington Street Site (Manhattan)
12		Jonathan Greco	NYSDEC Project Manager			625 Broadway	Albany	NY	12233	601 Washington Street Site (Manhattan)
13		Larry Ennist	NYSDEC			625 Broadway	Albany	NY	12233	601 Washington Street Site (Manhattan)
14		Thomas V. Panzone	NYSDEC Regional Citizen Participation Specialist			47-40 21st Street	Long Island City	NY	11101	601 Washington Street Site (Manhattan)
15		Julia Kenny	NYSDOH Public Health Specialist		Empire State Plaza	Corning Tower Room 1787	Albany	NY	12237	601 Washington Street Site (Manhattan)
16		Jessica Steinberg Albin	NYSDEC Project Attorney			47-40 21st Street	Long Island City	NY	11101	601 Washington Street Site (Manhattan)
17		Jason Hayes, P.E.	Langan Engineering		21 Penn Plaza	360 W 31 <sup>st</sup> Street, 8 <sup>th</sup> Floor	New York	NY	10001	601 Washington Street Site (Manhattan)
18		Hon. Gale Brewer	Manhattan Borough President			1 Centre Street, 19th Floor	New York	NY	10007	601 Washington Street Site (Manhattan)
19		Hon. Corey Johnson	NYC Councilmember			224 West 30 <sup>th</sup> Street, Suite 1206	New York	NY	10001	601 Washington Street Site (Manhattan)
20		David Gruber, Chairman	Manhattan Community Board # 2			3 Washington Square Village, #1A	New York	NY	10012	601 Washington Street Site (Manhattan)
21		Bob Gormley, District Manager	Manhattan Community Board # 2			3 Washington Square Village, #1A	New York	NY	10012	601 Washington Street Site (Manhattan)
22		Robert Woodworth, Quality of Life Committee Chairman	Manhattan Community Board # 2			3 Washington Square Village, #1A	New York	NY	10012	601 Washington Street Site (Manhattan)
23		Hon. Deborah J. Glick	NYS Assemblymember			853 Broadway, Suite 2007	New York	NY	10003	601 Washington Street Site (Manhattan)
24		Hon. Brad Hoylman	NYS Senator			322 Eighth Avenue, Suite 1700	New York	NY	10001	601 Washington Street Site (Manhattan)
25		Hon. Charles Schumer	U.S. Senator			780 Third Avenue, Suite 2301	New York	NY	10017	601 Washington Street Site (Manhattan)
26		Hon Kirsten Gillibrand	U.S. Senator			780 Third Avenue, Suite 2601	New York	NY	10017	601 Washington Street Site (Manhattan)
27		Hon. Jerrold Nadler	U.S. House of Representatives			201 Varick Street, Suite 669	New York	NY	10014	601 Washington Street Site (Manhattan)
28		Attn: Mike Silver, Commissioner	NYC Dept. of Parks & Recreation		The Arsenal, Central Park	830 Fifth Avenue	New York	NY	10065	601 Washington Street Site (Manhattan)
29		New York Daily News				4 New York Plaza	New York	NY	10004	601 Washington Street Site (Manhattan)
30		NY 1 News				75 Ninth Avenue	New York	NY	10011	601 Washington Street Site (Manhattan)
31		Chelsea Now				One Metrotech Center North	Brooklyn	NY	11201	601 Washington Street Site (Manhattan)
32		West Side Spirit				20 West Avenue	Chester	NY	10918	601 Washington Street Site (Manhattan)
33		AM New York				240 West 35th Street, 9th Floor	New York	NY	10001	601 Washington Street Site (Manhattan)
34		New York Post				1211 Avenue of the Americas	New York	NY	10036	601 Washington Street Site (Manhattan)
35		The West Sider Chelsea Clinton News				79 Madison Avenue, 16th Floor	New York	NY	10016	601 Washington Street Site (Manhattan)
36		Metro New York				120 Broadway, 6th Floor	New York	NY	10271	601 Washington Street Site (Manhattan)
37		New York Observer				321 West 44th Street, 6th Floor	New York	NY	10036	601 Washington Street Site (Manhattan)
38		New York City Municipal Water Finance Authority				255 Greenwich Street, 6th Floor	New York	NY	10007	601 Washington Street Site (Manhattan)
39		NYC Water Board	C/o NYC Department of Environmental Protection			59-17 Junction Boulevard, 8th Floor	Flushing	NY	11373	601 Washington Street Site (Manhattan)
40		City As School H.S	Attn: Alan Cheng, Principal	New York City Department of Education		16 Clarkson Street	New York	NY	10014	601 Washington Street Site (Manhattan)
41		Chelsea Career and Technical Education HS	Attn: Brian Bloom, Principal	New York City Department of Education		131 Avenue of the Americas	New York	NY	10013	601 Washington Street Site (Manhattan)
42		School for Young Performers	Branca Real Estate US			115 Watts Street	New York	NY	10013	601 Washington Street Site (Manhattan)
43		Broome Street Academy Charter School	Attn: Barbara McKeon, Principal	NYC Indust Dulp Assoc		121 Avenue of the Americas	New York	NY	10013	601 Washington Street Site (Manhattan)
44		Cooke Center Academy	Attn: Michael Termini, President	Church of St Anthony Parish		60 Mac Dougal Street	New York	NY	10012	601 Washington Street Site (Manhattan)
45		Little Red School House	Attn: Principal			200 Bleeker Street	New York	NY	10014	601 Washington Street Site (Manhattan)
46		Our Lady of Pompeii School	Attn: Principal	Church of Our Lady of Pompeii		240 Bleeker Street	New York	NY	10014	601 Washington Street Site (Manhattan)
47		Academy of St Joseph	Attn: Ms. Angela Coombs			111 Washington Place	New York	NY	10014	601 Washington Street Site (Manhattan)
48		PS 3 Charrette School	Attn: Lisa Siegman, Principal	New York City Department of Education		490 Hudson Street	New York	NY	10014	601 Washington Street Site (Manhattan)
49		Saint Luke's School	Attn: Bart Baldwin	The Board of Managers		487 Hudson Street	New York	NY	10014	601 Washington Street Site (Manhattan)
50		Village Community School	Attn: Eve K. Kieger			272 West 10 <sup>th</sup> Street	New York	NY	10014	601 Washington Street Site (Manhattan)
51		The River Project				Pier 40 at West St. & Houston St., 2nd Floor	New York	NY	10014	601 Washington Street Site (Manhattan)
52		Hudson River Park Trust				353 West Street (at Houston Street) Pier 40, 2nd Floor	New York	NY	10014	601 Washington Street Site (Manhattan)
53		RESIDENT/BUSINESS OWNER			305	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
54		RESIDENT/BUSINESS OWNER			575	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
55		RESIDENT/BUSINESS OWNER			318	WEST HOUSTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
56		RESIDENT/BUSINESS OWNER			395	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
57		RESIDENT/BUSINESS OWNER			355	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
58		RESIDENT/BUSINESS OWNER			357	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
59		RESIDENT/BUSINESS OWNER			358	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
60		RESIDENT/BUSINESS OWNER			359	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
61		RESIDENT/BUSINESS OWNER			156	LEROY STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
62		RESIDENT/BUSINESS OWNER			152	LEROY STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
63		RESIDENT/BUSINESS OWNER			584	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
64		RESIDENT/BUSINESS OWNER			585	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
65		RESIDENT/BUSINESS OWNER			591	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
66		RESIDENT/BUSINESS OWNER			595	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
67		RESIDENT/BUSINESS OWNER			604	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
68		RESIDENT/BUSINESS OWNER			601	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
69		RESIDENT/BUSINESS OWNER			120	LEROY STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
70		RESIDENT/BUSINESS OWNER			112	LEROY STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
71		RESIDENT/BUSINESS OWNER			39	CLARKSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
72		RESIDENT/BUSINESS OWNER			421	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
73		RESIDENT/BUSINESS OWNER			362	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
74		RESIDENT/BUSINESS OWNER			601	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
75		RESIDENT/BUSINESS OWNER			603	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
76		RESIDENT/BUSINESS OWNER			611	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
77		RESIDENT/BUSINESS OWNER			623	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
78		RESIDENT/BUSINESS OWNER			625	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
79		RESIDENT/BUSINESS OWNER			627	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
80		RESIDENT/BUSINESS OWNER			78	MORTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
81		RESIDENT/BUSINESS OWNER			423	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
82		RESIDENT/BUSINESS OWNER			111	LEROY STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
83		RESIDENT/BUSINESS OWNER			621	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
84		RESIDENT/BUSINESS OWNER			371	WEST STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
85		RESIDENT/BUSINESS OWNER			617	WASHINGTON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
86		RESIDENT/BUSINESS OWNER			644	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
87		RESIDENT/BUSINESS OWNER			636	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
88		RESIDENT/BUSINESS OWNER			633	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
89		RESIDENT/BUSINESS OWNER			637	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
90		RESIDENT/BUSINESS OWNER			639	GREENWICH STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
91		RESIDENT/BUSINESS OWNER			97	BARROW STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
92		RESIDENT/BUSINESS OWNER			95	BARROW STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
93		RESIDENT/BUSINESS OWNER			463	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
94		RESIDENT/BUSINESS OWNER			459	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
95		RESIDENT/BUSINESS OWNER			455	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
96		RESIDENT/BUSINESS OWNER			453	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
97		RESIDENT/BUSINESS OWNER			451	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
98		RESIDENT/BUSINESS OWNER			449 1/2	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
99		RESIDENT/BUSINESS OWNER			447	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)
100		RESIDENT/BUSINESS OWNER			449	HUDSON STREET	New York	NY	10014	601 Washington Street Site (Manhattan)