Periodic Review Report

Marcus Garvey Apartments
NYSDEC BCP #C224198
650 Rockaway Avenue
Brooklyn, New York

May 12, 2023

Prepared for:

Marcus Garvey Preservation
1865 Palmer Avenue
Larchmont, New York 10538

Prepared by:

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2158.0002Y169/CV

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Executive Summary

This document is required as an element of the remedial program at 650 Rockaway Avenue in Brooklyn, New York (Site) under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index #C224198-02-15, Site Number C224198, which was executed on March 25, 2015. Elevated levels of the chlorinated volatile organic compound (CVOC) tetrachloroethene (PCE), along with some of its breakdown products trichloroethene (TCE) and cis-1,2-dichloroethene (1,2-DCE), were observed in soil, groundwater, and soil vapor on the northern portion of the Site in the vicinity of the former dry cleaning tenant, Johnny's Cleaners. Contamination extended into some off-Site groundwater monitoring wells to the southeast. Due to the nature and extent of contamination of the Site, the NYSDEC and NYS Department of Health (DOH) determined this Site posed a significant threat to human health and the environment prior to remediation. A remedial program was implemented in 2016 before entering the Site Management phase of the project. The Site Management Plan (SMP), dated November 2016, was approved by NYSDEC on December 12, 2016 and the Certificate of Completion (COC) for the Site was also received on December 12, 2016. The required Site-wide inspection and monthly operation and maintenance (O&M) inspections of the sub-slab depressurization system (SSDS) were completed during this SMP monitoring phase. NYSDEC approved the termination of the groundwater sampling program on January 9, 2023. The components, data, and rationale included in this Periodic Review Report (PRR) demonstrate that the engineering and institutional controls are performing as designed, are effective, and are compliant with specifications described in the SMP.

1. Introduction

This PRR documents post-remediation activities performed from April 12, 2022 to April 12, 2023, at the property located at 650 Rockaway Avenue (a.k.a. 654, 658, 666, 670, 674 Rockaway Avenue and 327, 329, 331, 333, 335, 337, 339 Chester Street) in the Brownsville section of Brooklyn, New York (Site; Figure 1). Marcus Garvey Preservation LLC (Volunteer) entered into a BCA with the NYSDEC in March 2015 to investigate and remediate the 0.328-acre property located at the above address. The BCP Site is known as Marcus Garvey Apartments.

The property was remediated to meet the NYSDEC title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Restricted Residential Use Soil Cleanup Objectives (RRSCOs). The Site is entirely comprised of one mixed-use commercial/residential building with a one-story commercial (i.e., retail) component located along Rockaway Avenue and a 55-unit, four-story residential component located immediately behind (west) of the commercial component. Some of the retail spaces have basements, the residential spaces do not. The first story of the building is divided into two separate parts (a north part and a south part) by a gated east/west passageway that leads from the sidewalk to the courtyard behind the building.

The SMP, dated November 2016, was approved by NYSDEC on December 12, 2016, and the COC for the Site was also received on December 12, 2016. The Site Management activities, reporting, and Institutional Control (IC)/Engineering Control (EC) certifications are scheduled on a certification period basis. This certification is based on the submission of a PRR, submitted to the NYSDEC every year beginning sixteen months after the COC was issued and once per year thereafter. These PRRs will identify and asses all of the IC/ECs required by the remedy for the Site, any environmental monitoring data and/or information generated during the reporting period, and a complete Site evaluation which discusses the overall performance and effectiveness of the completed remedy.

2. Site Overview

2.1 Site Description and History

The Site is located in the County of Kings, Brooklyn, New York, and is identified as Block 3575 and Lot 11 on the New York City Tax Map. The Site is situated on an approximately 0.328-acre area bounded by Dumont Avenue to the north; residential/commercial buildings to the south; Rockaway Avenue to the east; and to the west is a courtyard which leads to a multifamily residential building with security, administrative, and maintenance facilities (Figure 1). The Site is entirely comprised of one mixed-use commercial/residential building with a six unit, one-story commercial (i.e., retail) component located along Rockaway Avenue and a 55-unit, four-story residential component located immediately behind (west) of the commercial component. The first story of the building is divided into one northern part and one southern part by an east/west passageway that leads from the Rockaway Avenue sidewalk to the courtyard to behind the building. Some of the retail spaces have basements, the residential spaces do not. Historially, the Site has been used as mixed residential/commercial use since the early 1900s, and the current Site building was constructed circa 1974. Previous Environmental Site Assessments (ESAs) identified a former dry cleaners (Johnny's Cleaners) as a recognized environmental concern (REC) with respect to the Site, which reportedly operated from 1995 to 2011 and occupied the northernmost commercial unit, closest to the intersection of Dumont and Rockaway Avenues. It was also determined by the Volunteer that a second commercial space to the south was historically used as a restaurant, but could have historically been used as a separate dry cleaner's space.

2.2 Summary of Remedial Action

Following the BCP Remedial Investigation, and NYSDEC approval of the Remedial Investigation/Remedial Action Work Plan (RIR/RAWP), Volunteer began remediation at the Site in May 2016. The Volunteer has fully implemented and completed the approved remedial program. All remedial work was done with oversight, understanding, and direction from NYSDEC.

The following were the components of the selected remedy:

1. Source excavation of soil/fill exceeding RRSCOs:
    - Soils acting as a source of continued groundwater contamination were excavated and disposed of off-Site; and
    - Confirmation/documentation soil samples were collected after source excavation took place to gauge presence of residual contaminated soil left in place.
2. Construction and maintenance of a Site Cover System consisting of the following elements to prevent human exposure to remaining contaminated soil/fill remaining at the site:
    - Building foundations (concrete slab/ footings/ basement walls);
    - Gravel or dense graded aggregate (DGA); and
    - Asphalt pavement.
3. Soil vapor mitigation systems consisting of:
    - A Sub-Slab Depressurization System (SSDS) beneath the entire footprint of the Site building; and
    - Two supplemental soil vapor extraction (SVE) wells that were installed through the basement of the former dry cleaners and where source excavation took place (Figure 2).

4. Groundwater remediation consisting of:
    - *In situ* potassium permanganate (KMnO4) injections in the northernmost basement of the former Johnny's Cleaners and the former restaurant spaces (basement directly to the south);
    - Baseline groundwater samples that were collected from the monitoring well network prior to groundwater remediation taking place; and
    - Groundwater performance monitoring following the injections event.
5. Screening for indicators of contamination (by visual means, odor, and monitoring with photoionization detector (PID) of all excavated soil during any intrusive site work.
6. Appropriate off-Site disposal of all material removed from the site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal.
7. Import of fill meeting the requirements of Part 375-6.7(d) was brought in to replace the excavated soil and establish the designed grades at the site. Import of materials used for backfilling and Site Cover System were in compliance with: (1) meeting the lower of the Part 375 Protection of Groundwater or RRSCOs, and (2) all Federal, State and local rules and regulations for handling and transport of material.
8. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site.
9. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) ICs/ECs, (2) monitoring, (3) operation and maintenance and (4) reporting.
10. Periodic certification of the ICs and ECs listed above.

Contaminated soil exceeding RRSCOs was excavated from the basement of the former dry cleaners to four feet below basement slab (ft bbs) between June 6, 2016 and July 5, 2016, using hand tools such as shovels and pick axes (due to space limitations), in a manner that protected the integrity of the existing building. To ensure all hazardous soils were removed and disposed of properly, a one-foot buffer into the non-hazardous soil was added to the original delineation line. Over 40 tons of hazardous soil and over 30 tons of non-hazardous soil and concrete were removed and disposed during the project. Site groundwater treatment was performed in August 2016 with the completion of *in situ* KMnO4 injections, targeted to neutralize the constituents of concern which are CVOCs, primarily PCE and its breakdown products TCE and 1,2-DCE.

Groundwater monitoring was performed throughout the project. Baseline groundwater samples were collected from on-Site and off-Site wells in July 2016 prior to groundwater remediation. Post-remediation samples were collected in August 2016, five consecutive quarters after the COC was issued through the first quarter of 2018, and during the fourth quarter of 2018 (seven quarters total and six quarters after the COC was issued). All post-remediation groundwater samples collected demonstrated that constituents of concern concentrations within the on-Site monitoring wells were consistently reduced at the Site by over 96% (from the highest concentrations detected). Concentrations in off-Site wells were consistently reduced compared to baseline samples. NYSDEC approved the termination of the groundwater monitoring program on January 9, 2023.

2.3 Remaining Contamination

As described in the SMP, soils exceeding the Part 375 RRSCOs and Protection of Groundwater SCOs are present on-Site. Exposure to remaining contamination at the site is prevented by a Site Cover System over the site. This cover system is comprised of a minimum of asphalt pavement and concrete building slabs. The demarcation layer, consisting of orange snow fencing material in the excavated portion of the basement

of the former dry cleaner and the underside of the asphalt or concrete in all other areas, provides a visual reference to the top of the remaining contamination zone. Additional information on Site Cover System components are included in Appendix A.

2.4 Institutional and Engineering Controls

Since residual contamination remains beneath the Site, ICs/ECs have been incorporated into the Site remedy as part of the NYSDEC-approved SMP, to provide proper management of residual contamination in the future to ensure protection of public health and the environment.

The Site has ECs consisting of:

- SSDS (including SVE wells); and
- Site Cover System.

The goal of the SSDS is to mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site. The goal of the Site Cover System is to prevent exposure to remaining contamination in soil/fill at the Site. The SSDS and Site Cover System ECs are fully in place and are effective at meeting their objectives.

A Site-specific Environmental Easement was recorded with the Kings County Clerk that provides an enforceable means to manage the remaining contamination at the Site until the Environmental Easement is extinguished in accordance with NYS Environmental Conservation Law (ECL) Article 71, Title 36. The Environmental Easement introduces a series of ICs to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and (3) limit the use restricted residential, commercial, or industrial uses as defined by Part 375-1.8(g) only. Adherence to these ICs on the site is required by the Environmental Easement and are being implemented under the SMP.

3. IC/EC Plan Compliance Report

Since remaining contaminated soil exists beneath the Site, ICs and ECs are required to protect human health and the environment. This section details the purpose and elements of the IC/EC Plan of the SMP including the inspection, monitoring, and reporting requirements, IC/ECs, whether the IC/EC requirements were met, and regulatory notification and certification requirements.

3.1 General

The IC/EC Plan provides:

- A description of all IC/ECs on the Site;
- The basic implementation and intended role of each IC/EC;
- A description of the key components of the ICs set forth in the Environmental Easement;
- A description of the controls to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of IC/ECs, such as the implementation of the Excavation Work Plan (EWP; included in the SMP) for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the Site; and
- Any other provisions necessary to identify or establish methods for implementing the IC/ECs required by the site remedy, as determined by the NYSDEC.

The ECs required by the SMP include the installation of a Site Cover System consisting of the following elements to prevent human exposure to remaining contaminated soil/fill remaining at the site:

- Soil vapor mitigation system consisting of an active SSDS (including SVE wells);
- Building foundations (concrete slab/ footings/ basement walls);
- Gravel or DGA; and
- Asphalt pavement.

The ICs presented in the SMP consist of the following:

- The property may be used for restricted residential use;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Environmental Protection to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Groundwater monitoring must be performed as defined in the SMP and the April 3, 2020 NYSDEC letter granting a reduction in frequency. NYSDEC approved the termination of the groundwater monitoring program on January 9, 2023;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- All activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;

- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on the survey attached to the Environmental Easement, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the site are prohibited, except for raised planters.

3.2 IC/EC Plan Notification Requirements

Notifications are required to be submitted by the property owner to the NYSDEC, as needed, in accordance with NYSDEC's DER-10 Technical Guidance for Site Investigation and Remediation (DER-10) for the following reasons:

- 60-day advance notice of any proposed changes in site use that are required under the terms of the BCA, Part 375, and/or ECL.
- 7-day advance notice of any field activity associated with the remedial program.
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the EWP.
- Notice within 48-hours of any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect.
- Verbal notice by noon of the following day of any emergency, such as a fire; flood; or earthquake that reduces or has the potential to reduce the effectiveness of ECs in place at the site, with written confirmation within seven (7) days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the Site or the responsibility for implementing the SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser/Remedial Party has been provided with a copy of the BCA, and all approved work plans and reports, including the SMP.
- Within 15 days after the transfer of all or part of the Site, the new owner's name, contact representative, and contact information will be confirmed in writing to the NYSDEC.

3.2.1 Notifications

On January 10, 2023, Roux notified NYSDEC that the southern SSDS (Blower A) had been in a shutdown condition since the morning of Monday, January 9. During a routine check of the SSDS, the condensate collection tank was emptied but the blower wouldn't restart. Roux reported to the Site for an inspection and worked quickly with the Volunteer to diagnose and repair the blower. An electrical relay socket on the blower

fan control panel that had shorted out was replaced on January 24, 2023, and the SSDS has been running at a full-time capacity since the replacement.

3.3 Inspections

Inspections of all remedial components installed at the Site will be conducted at frequencies specified in the SMP. A comprehensive Site-wide inspection will be conducted and documented according to the SMP schedule. The inspections will determine and document the following:

- Whether ECs continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Environmental Easement;
- Achievement of remedial performance criteria;
- If site records are complete and up to date; and
- Reporting requirements outlined in Section 7.0 of the SMP.

Inspections will also be performed in the event of an emergency. If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs that reduces or has the potential to reduce the effectiveness of ECs in place at the site, verbal notice to the NYSDEC must be given by noon of the following day. In addition, an inspection of the site will be conducted within five (5) days of the event to verify the effectiveness of the IC/ECs implemented at the Site by a qualified environmental professional (QEP), as determined by the NYSDEC. Written confirmation must be provided to the NYSDEC within seven (7) days of the event that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

All inspections were conducted at the frequency specified in the schedules provided in following Monitoring Plan and O&M Plan Reporting sections of this PRR.

3.4 IC/EC Plan Certification

For each IC or EC identified for the Site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the ICs/ECs required by the remedial program was performed under my direction;
- The ICs/ECs employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any SMP for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the Site is compliant with the environmental easement;
- The EC systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and

- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Noelle M. Clarke, P.E. of Roux Environmental Engineering and Geology D.P.C. am certifying as Owner’s Designated Site Representative for the site.

An IC/EC Certification Form for the controls that are currently in place is included as Appendix B.

4. Monitoring and Sampling Plan Compliance Report

The various subsections below describe monitoring and sampling required as part of the remedy and also include an evaluation of the remedy performance, effectiveness, and protectivenes.

4.1 General

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the Site Cover System, and all affected Site media identified below. Components of the Monitoring Plan are:

- Remedial system monitoring;
- Assessing compliance with applicable NYSDEC standards, criteria and guidance (SCGs), particularly groundwater standards; and
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

The current required monitoring of the performance of the remedy will be conducted for the periods specified for each matrix listed in table below and are explained in further detail in the following sections.

Monitoring Program	Frequency	Matrix	Analysis
Site Cover System and Site-Wide Inspection	Annually. First inspection no more than 16 months after issuance of the COC.	Soil	Visual inspection of all cover system components
SSDS and SVE Wells Detailed Operation Inspection	Monthly	Soil Vapor	Visual Inspection of System Components, Vacuum, Temperature, and Condensate
SSDS and SVE Wells System Status	Remote alarm tied into the SSDS and triggered when SSDS is shut down	Soil Vapor	Visual inspection of alarm to determine operation status

If at any time during the reporting period the Volunteer identifies a failure of one or more of the ECs or non-compliance with one or more of the ICs, the remedial party must notify NYSDEC and implement corrective measures, in accordance with a Corrective Measures Work Plan (CMWP) submitted to and approved by NYSDEC and provide a periodic certification of the ICs/ECs.

The groundwater sampling program requirements that were historically included within this section in previous PRRs was terminated by NYSDEC on January 9, 2023. Roux will revise the SMP accordingly and submit to NYSDEC for review.

4.2 Site-Wide Inspection

Site-wide inspections are to be performed once per year. Modification to the frequency or duration of the inspections will require approval from the NYSDEC. Site-wide inspections will also be performed after all

severe weather conditions that may affect ECs or monitoring devices. During these inspections, a Site Inspection Checklist will be completed as provided in the SMP. The Checklist will compile sufficient information to assess the following:

- Compliance with all ICs, including site usage;
- An evaluation of the condition and continued effectiveness of all ECs;
- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection; and
- Confirm that Site records are up to date.

On March 31, 2023, Roux performed a Site-wide inspection to meet the requirements for this reporting period. This inspection determined that all Site Cover system elements described herein were observed to be performing as designed during the reporting period of the PRR and are protective of human health and the environment. The completed Site Inspection Checklist is provided in Appendix C and photographs taken during the Site-wide inspection are provided in the Photo Log included in Appendix D.

4.3 Remedial System Monitoring

Monitoring of the SSDS and SVE wells will be performed on a routine basis, as identified in Table 4.3 – SMP Remedial System Monitoring Requirements and Schedule (see below). Modification to the frequency or sampling requirements will require approval from the NYSDEC. A visual inspection of the complete system will be conducted during each monitoring event. Unscheduled inspections may take place when a suspected failure of the SSDS and SVE wells has been reported or an emergency occurs that is deemed likely to affect the operation of the system. If any equipment readings are not within their specified operation range, any equipment is observed to be malfunctioning or the system is not performing within specifications; maintenance and repair, as per the O&M Plan discussed in following sections. SSDS and SVE wells components to be monitored include, but are not limited to, the components included in the Table 4.3 below.

Table 4.3 – SMP Remedial System Monitoring Requirements and Schedule

System Components	Monitoring Parameter	Operating Range	Monitoring Schedule
SSDS A (Southern Side of the Building)	Vacuum/pressure readings at the blower	-5 to -25 in.w.c. / 10 to 30 in.w.c.	Monthly
	Vacuum readings at SVMPs: SVMP-A2 through SVMP-A5 (as applicable)	Equal to or greater than -0.004 in. w.c.	Monthly
	Visual inspections of the SSDS mechanical and above grade piping components	N/A	Monthly
SSDS B and SVE Wells (Northern Side of the Building)	Vacuum/pressure readings at the blower	-5 to -40 in.w.c. / 10 to 30 in.w.c.	Monthly
	Vacuum readings at SVMPs: SVMP-B1 through SVMP-B5 (as applicable)	Equal to or greater than -0.004 in.w.c.	Monthly
	Visual inspections of the SSDS mechanical and above grade piping components	N/A	Monthly
	SVE Wells SVE-1 and SVE-2 are open	Open or closed	Monthly

SSDS and SVE well monitoring has been performed in accordance with the above table. A summary of the monitoring performed during the reporting period is included in Section 5.

5. Operation and Maintenance Compliance Report

5.1 General

The O&M Plan provides a brief description of the measures necessary to operate, monitor and maintain the mechanical components of the remedy selected for the site. The O&M Plan:

- Includes the procedures necessary to allow individuals unfamiliar with the site to operate and maintain the SSDS and SVE systems;
- Will be updated periodically to reflect changes in site conditions or the manner in which the SSDS and SVE systems are operated and maintained.

As mentioned in Section 4.3, routine maintenance activities are required monthly by the SMP and recorded on the SSDS O&M forms outlined in the SMP. The routine maintenance activities include visual inspections, operating data collection and general maintenance. Visual inspection is the routine part of the SSDS and SVE well operator's activities. The system operator will note any conditions which present a potential hazard or could cause future system shutdown. Special attention should be given to any unusual or excessive noise or vibrations from the piping and blower. Specific routine maintenance tasks are outlined below:

- Inspect control panel and warning lights/alarms;
- Inspect all above slab blower piping for leaks and confirm operation of appropriate valves (i.e., dilution valve, pressure relief valve);
- Inspect vacuum/pressure gauges for proper operation;
- Check and clean air filter on each moisture knockout tank; and
- Check for the presence of and remove water in each knockout tank.

Non-routine equipment maintenance is likely to occur and consists of maintenance activities that will be performed with less frequency than the routine maintenance (i.e., semi-annually) on several system components. Specific non-routine maintenance tasks are outlined below:

- Inspect and test alarms;
- Check float switch in each knockout tank for proper operation;
- Replacement of vacuum/pressure gauges; and
- Change bearings on blowers after 15,000 hours of operation.

5.2 SSDS Operation Monitoring

All SSDS O&M logs that were completed during the reporting period are provided in chronological order in Appendix E. Equipment maintenance and inspections were performed in accordance with the SMP, with the exception that monitoring was not completed in May and December 2022.

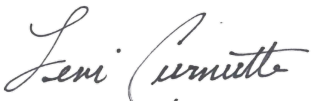
Overall, O&M activities described herein determined that the O&M Plan was carried out as designed during the reporting period of the PRR and it is protective of human health and the environment. Three of the soil vapor monitoring points (SVMP-A5, SVMP-B3, and SVMP-B4) were reading erratically during the monitoring period, indicating that they may have become clogged over time or malfunctioning. Significant vacuum was observed in the nearby suction points that are located on the SSDS legs, indicating the SSDS is operating normally and generating significant vacuum in the subsurface.

6. Overall PRR Conclusions and Recommendations

Based on the information and data provided herein, the ICs and ECs are performing as designed, are effective, and are compliant with the specifications described in the SMP and as described herein. There are no changes to the SSDS monitoring plan requested at this time. Groundwater monitoring was terminated with approval of NYSDEC and the SMP will be revised to reflect this and submitted to NYSDEC.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

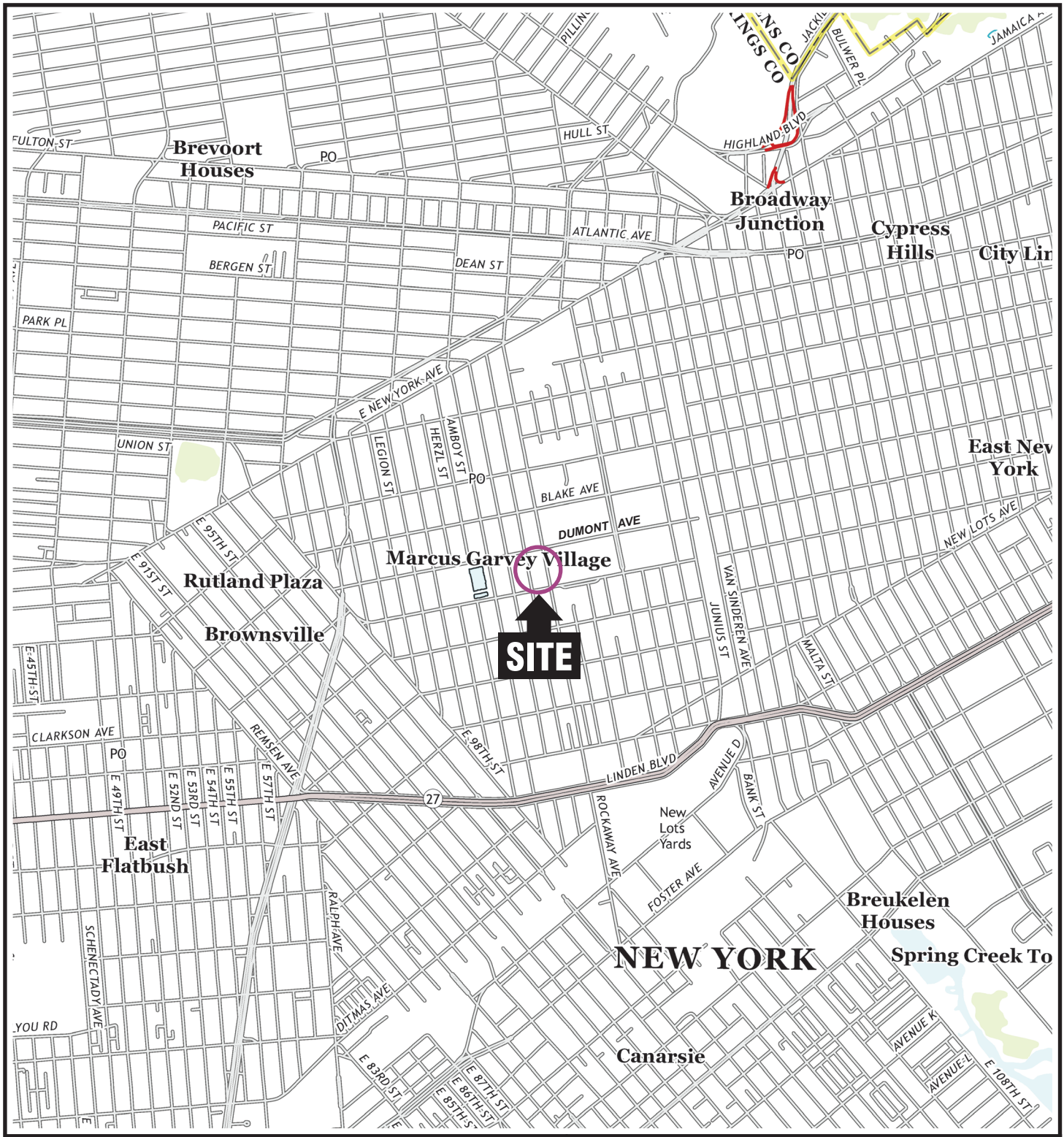


Levi Curnutte
Senior Scientist I

Noelle M. Clarke, P.E.
Principal Engineer

FIGURES

1. Site Location
2. As-Built Sub-Slab Depressurization System Plan



QUADRANGLE LOCATION

SOURCE:
USGS; 2013, Brooklyn, NY
7.5 Minute Topographic Quadrangle

N

0 2000'

Title:

SITE LOCATION MAP

MARCUS GARVEY APARTMENTS
650 ROCKAWAY AVENUE, BROOKLYN, NEW YORK

Prepared for:

C+C APARTMENT MANAGERS LLC

ROUX

Compiled by: L.C.	Date: 03JUN19	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr.: L.C.	Project No.: 2158.0002Y004	
File: 2158.0002Y162.01.CDR		

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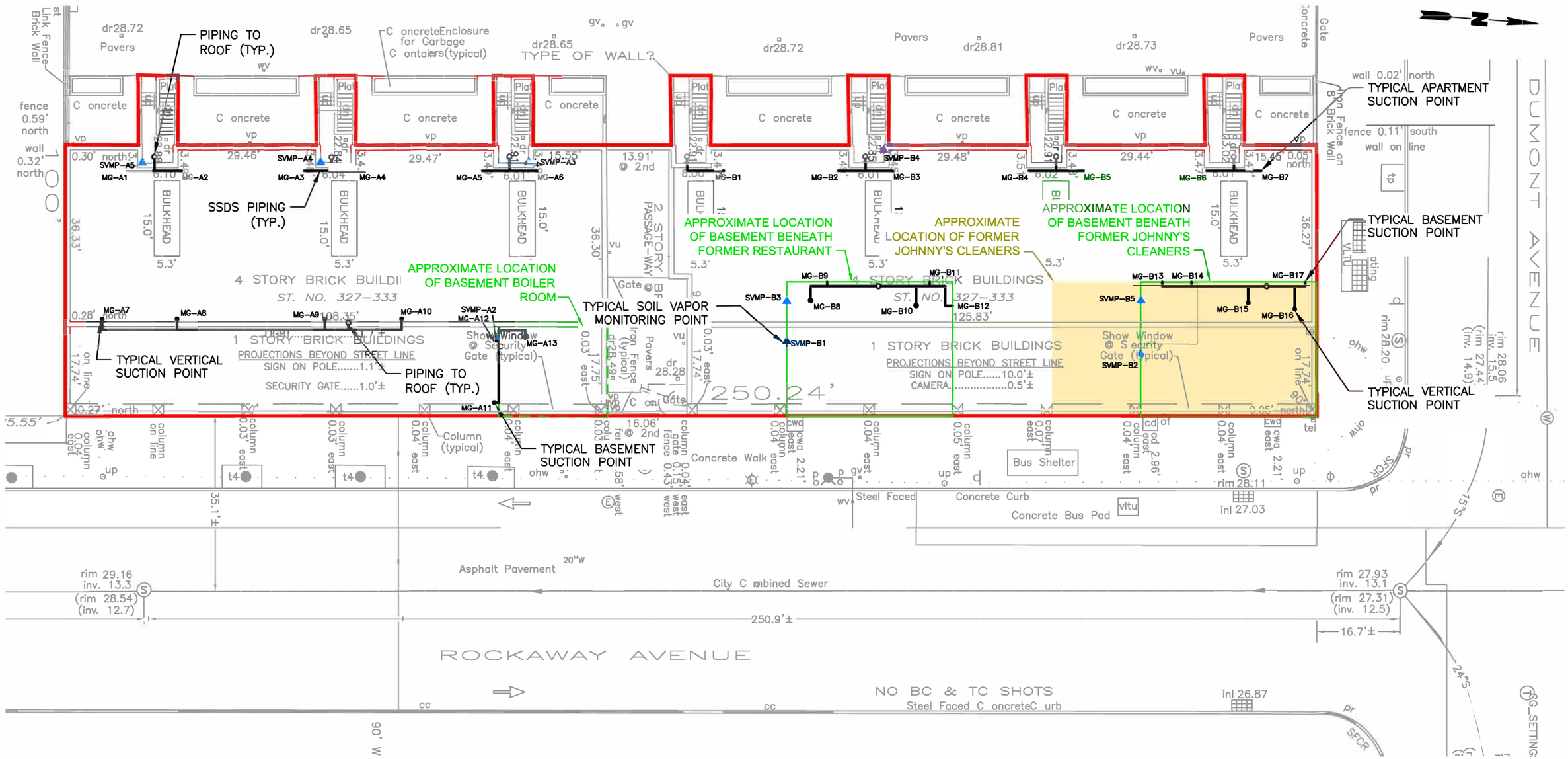

LEGEND

- APPROXIMATE FOOTPRINT OF FORMER JOHNNY'S CLEANERS
- BCP SITE /ENVIRONMENTAL EASEMENT BOUNDARY
- APPROXIMATE LOCATION OF BASEMENT
- SVMP-B4 ▲ LOCATION AND DESIGNATION OF TYPICAL SOIL VAPOR MONITORING POINT

NOTES

1. SITE PLAN ADAPTED FROM SURVEY PREPARED BY MONTROSE SURVEYING CO., LLP (SURVEY NO. 64991-1)
2. NOT ALL SSDS PIPING IS SHOWN FOR CLARITY REASONS.
3. SVMP-A1 IS NO LONGER BEING MONITORED AS OF JANUARY 2017.

Title:

AS-BUILT SUB-SLAB DEPRESSURIZATION SYSTEM PLAN

MARCUS GARVEY APARTMENTS
650 ROCKAWAY AVENUE, BROOKLYN, NEW YORK

Prepared For:
C+C APARTMENT MANAGERS LLC

ROUX

Compiled by: L.C.	Date: 11MAY22	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr: L.C.	Project: 2158.0002Y004	
File: 2158.0002Y162.02.DWG		

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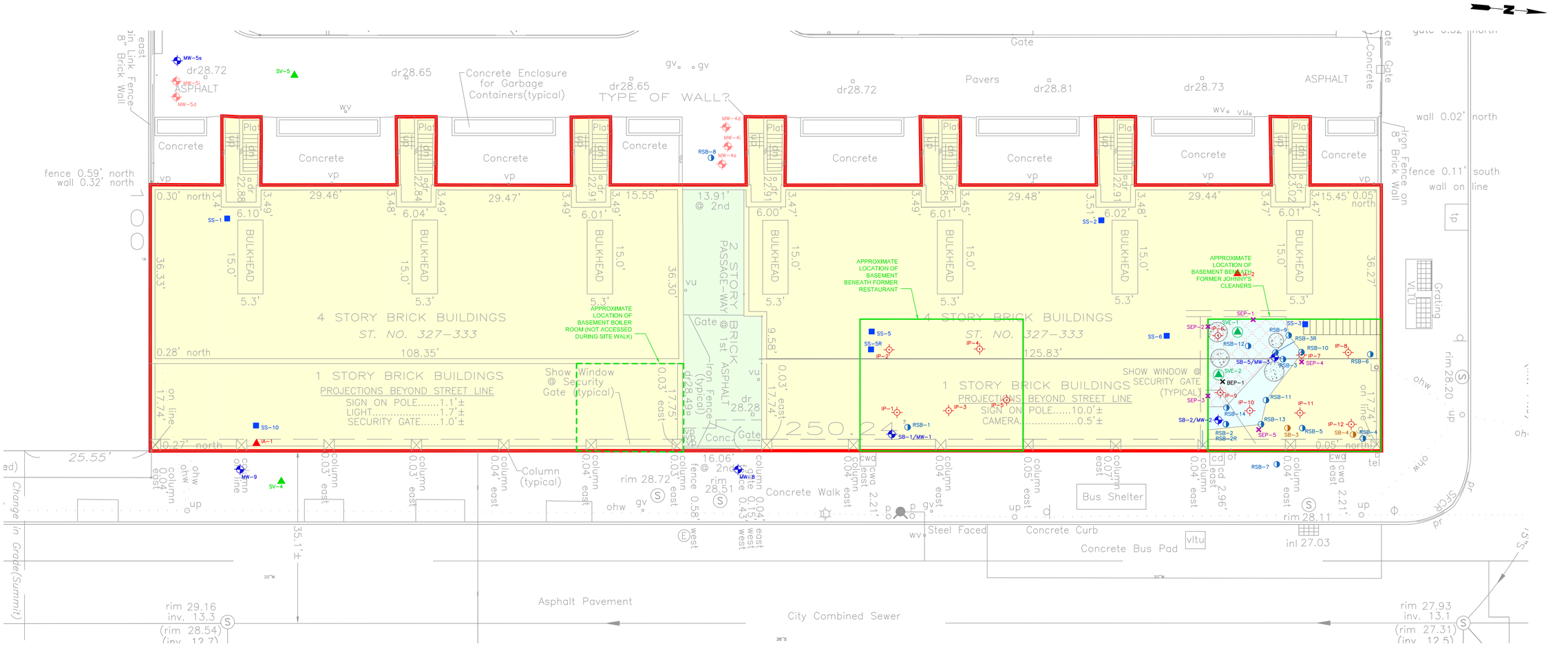
APPENDICES

A. Site Cover System
B. IC and EC Certification Form
C. Annual Site Inspection Checklist
D. Annual Inspection Photograph Log
E. Completed Monthly SSDS O&M Logs

APPENDIX A

Site Cover System



LEGEND

- MW-4 — LOCATION AND DESIGNATION OF MONITORING WELL IN LONG-TERM MONITORING SITE NETWORK
- MW-1 — LOCATION AND DESIGNATION OF MONITORING WELL NO LONGER IN USE
- SS-1 — LOCATION AND DESIGNATION OF TEMPORARY SUB-SLAB VAPOR SAMPLING POINT
- SV-1 — LOCATION AND DESIGNATION OF TEMPORARY SOIL VAPOR SAMPLING POINT
- IA-1 — LOCATION AND DESIGNATION OF INDOOR AIR SAMPLE
- SVE-1 — LOCATION AND DESIGNATION OF SOIL VAPOR EXTRACTION WELL
- SEP-3 — LOCATION AND DESIGNATION OF SIDEWALL DOCUMENTATION SAMPLE
- BEP-3 — LOCATION AND DESIGNATION OF BOTTOM DOCUMENTATION SAMPLE
- RSB-1 — LOCATION AND DESIGNATION OF SOIL BORING
- SB-4 — LOCATION AND DESIGNATION OF SOIL BORING INSTALLED BY ECOSYSTEMS STRATEGIES, INC.
- IP-1 — LOCATION AND DESIGNATION OF IN SITU CHEMICAL OXIDATION POINT
- LIMITS OF HOT SPOT EXCAVATION, DISPOSAL AS F-LISTED HAZARDOUS WASTE AND BACKFILL WITH CLEAN DGA TO 4 FEET BBS AND CONCRETE SLAB REMOVAL AND REPLACEMENT
- LIMITS OF HOT SPOT EXCAVATION, DISPOSAL AS NON HAZARDOUS WASTE AND BACKFILL WITH CLEAN DGA TO 4 FEET BBS AND CONCRETE SLAB REMOVAL AND REPLACEMENT
- SITE COVER SYSTEM COMPRISED OF EXISTING CONCRETE SLAB
- SITE COVER SYSTEM COMPRISED OF EXISTING ASPHALT PAVEMENT
- BCP SITE/ENVIRONMENTAL EASEMENT BOUNDARY
- APPROXIMATE LOCATION OF BASEMENT (DASHED LINE INDICATES BASEMENT NOT ACCESSED DURING SITE WALK)
- FORMER COLUMN FOOTING REMOVED DURING REMEDIATION

NOTES

1. SITE PLAN ADAPTED FROM SURVEY PREPARED BY MONTROSE SURVEYING CO., LLP (SURVEY NO. 64991-1D).
2. BASEMENT ELEVATION IS APPROXIMATELY 10 FEET BELOW LAND SURFACE.
3. IN SITU GROUNDWATER TREATMENT CONSISTED OF POTASSIUM PERMANGANATE INJECTIONS INTO 12 CHEMICAL INJECTION POINTS (10 TEMPORARY WELLS AND 2 DIRECT INJECTION POINTS IP-2 AND IP-4). ADDITIONAL INJECTION ROUNDS MAY BE REQUIRED DEPENDING UPON POST-INJECTION GROUNDWATER SAMPLING RESULTS.
4. REFER TO DETAILS FOR SITE COVER SYSTEM TYPES.
5. THE SUB-SLAB DEPRESSURIZATION SYSTEM AND SVE WELLS INSTALLED AT THE SITE IS SHOWN ON PLATE 3.
6. EXCAVATION WAS BACKFILLED WITH DGA, WHICH MET THE CRITERIA FOR IMPORT WITHOUT SAMPLING. BACKFILL WAS APPROVED BY NYSDEC PRIOR TO IMPORT.
7. REFER TO PLATE 6 FOR CROSS SECTIONS SHOWING THE ELEVATION OF REMAINING CONTAMINATION.

FT BLS – FEET BELOW LAND SURFACE

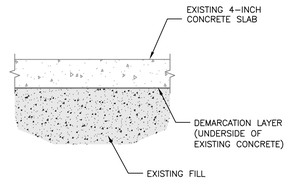
FT BBS – FEET BELOW BASEMENT SLAB (SEE NOTE 2)

SEP – SIDEWALL ENDPOINT SAMPLE

BEP – BOTTOM ENDPOINT SAMPLE

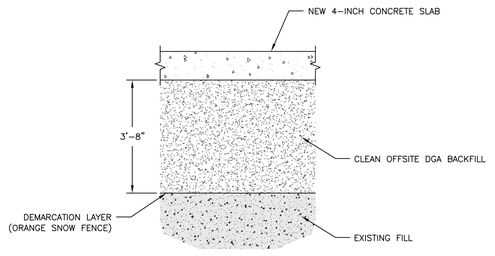
NYSDEC – NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DGA – DENSE GRADED AGGREGATE



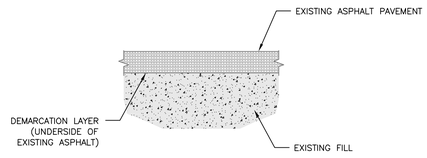
1 SITE COVER SYSTEM: EXISTING CONCRETE

SCALE: NOT TO SCALE



2 SITE COVER SYSTEM: REPAIRED CONCRETE (IN HOT SPOT AREA)

SCALE: NOT TO SCALE



3 SITE COVER SYSTEM: EXISTING ASPHALT PAVEMENT

SCALE: NOT TO SCALE

AS-BUILT

10' 0 10'

NO.	DATE	REVISION DESCRIPTION	INT.

STATE OF NEW YORK — Nicole M. Ciafre — No. 072491 — LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF STATE LAW.

THESE DOCUMENTS (OR COPIES OF ANY THEREOF) PREPARED BY OR BEARING THE SEAL OF THE ENGINEER, SHALL NOT BE REUSED FOR ANY EXTENSIONS OF THE PROJECT OR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

PROJ. ENGINEER: N.C.		DRAWN BY: J.A.D.	
DESIGNED BY: N.C.		CHECKED BY: W.K.	
DRAWING SCALE: 1"=10'		PLOT SCALE: 1:1	
DRAWING DATE: 28OCT16		PRINT TYPE: COLOR	
OFFICE: NY		PAPER SIZE: ARCH D	
PROJECT NO.: 2158.0002Y002			
DRAWING FILE: 2158.0002Y142.01.DWG			

Remedial

REMEDIAL ENGINEERING, P.C.

209 Shafter Street
Islandia, New York 11749 (631) 232-2600

PROJECT NAME:
MARCUS GARVEY APARTMENTS
650 ROCKAWAY AVE., BROOKLYN, NY

PROJECT FOR:
MARCUS GARVEY PRESERVATION LLC

TITLE:
AS-BUILT OF REMEDIAL COMPONENTS COMPLETED AND ENGINEERING AND INSTITUTIONAL CONTROLS

PLATE
3

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APPENDIX B

IC and EC Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C224198

Site Name Marcus Garvey Apartments

Site Address: 650 Rockaway Avenue Zip Code: 11212-5631
City/Town: Brooklyn
County: Kings
Site Acreage: 0.328

Reporting Period: April 12, 2022 to April 12, 2023

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224198 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
3575-11	Marcus Garvey Preservation LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The site is subject to an environmental easement, which:
• requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
• allows the use and development of the controlled property for restricted residential, commercial or industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
• restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
• require compliance with the Department approved Site Management Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
3575-11	Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction

The engineering controls in place at the site are:
• a site cover that allows for restricted residential use of the site. The cover consists of either structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs); and
• an active sub-slab depressurization system operating in any current or future occupied on-site buildings, to mitigate the migration of vapors into occupied buildings from contaminated soil and/or groundwater via soil vapor intrusion.
•Soil Vapor Extraction - Two Soil Vapor Extraction (SVE) wells were installed to address contamination beneath the footings of the building that could not be removed during the excavation.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C224198

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Catherine Smalling (print name) at 353 Chester Street Brooklyn NY 11212 (print business address)

am certifying as Owner - Managing Agent (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5/11/2025
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Noelle Clarke (print name) at 209 Shafter Street, Islandia, NY (print business address)

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

5/12/2023
Date

APPENDIX C

Annual Site Inspection Checklist

Site Inspection Checklist, Marcus Garvey Apartments Site, 650 Rockaway Avenue, Brooklyn, NY

Date: 03-31-2023

Completed By: ALFREDO FERNANDEZ, CRISTIAN

Description	Status: Ok	Status: Action Req.	Status: N/A	Actions Taken / Comments
Site Cover System				
1 Inspect site cover system for cracks and leaks.	✓			
Sub-Slab Depressurization System Blower A (South Side of Building)				
A. Aboveground Piping on Roof				
1 Inspect aboveground piping for cracks, leaks and support issues.	✓			
2 Inspect vacuum/pressure gauges and flowmeters for proper operation.	✓			
B. Electrical				
1 Check that the electrical control panel is closed/secured.	✓			
2 Confirm that the alarm light is functioning properly.	✓			
C. Blower Enclosure				
1 Inspect condition of exhaust fan, thermostat and louver.	✓			
D. Moisture Knock-out Tank				
1 Check condition of vacuum filter.	✓			
2 Check dilution valve for noises or leaks.	✓			
3 Check for presence of water in knockout tank.	✓			
Sub-Slab Depressurization System BlowerB (North Side of Building)				
A. Aboveground Piping on Roof				
1 Inspect aboveground piping for cracks, leaks and support issues.	✓			
2 Inspect vacuum/pressure gauges and flowmeters for proper operation.	✓			
B. Electrical				
1 Check that the electrical control panel is closed/secured.	✓			
2 Confirm that the alarm light is functioning properly.	✓			
C. Blower Enclosure				
1 Inspect condition of exhaust fan, thermostat and louver.	✓			
D. Moisture Knock-out Tank				
1 Check condition of vacuum filter.	✓			
2 Check dilution valve for noises or leaks.	✓			
3 Check for presence of water in knockout tank.	✓			
Institutional Controls				
1 Confirm that the site usage is in compliance with the institutional controls.	✓			
Site Records				
1 Inspect site records and confirm that they are up to date (e.g., Site Inspection Checklists and Sub-Slab Depressurization System and SVE Wells Operations Logs, sampling logs, etc.)	✓			

APPENDIX D

Annual Inspection Photograph Log

Photo 1: View of Blower A (southern) SSDS control panel with functioning “pump running” bulb shown as functional.

Photo 2: View of new float switch that was installed as part of the routine maintenance performed on Blower A throughout the reporting period.

Photo 3: View of Blower B (northern) SSDS control panel.

Photo 4: View of Blower B discharge stack.

Photo 5: View of PID reading of the effluent air at Blower B discharge stack.

Photo 6: Photo of knockout/condensate tank influent gauge on the Blower B unit.

Photo 7: Looking south, photo showing SSDS piping run along the roof with legs heading down the residential side of the building.

Photo 8: Looking west, photo showing SSDS piping run along the roof with legs leading towards the residential building side.

Photo 9: Looking south, view of monitoring point SVMP-A2 in the boiler room.

Photo 10: Photo of SVMP-A5 during annual inspection with adjacent suction point MG-A1. The suction point showed significant a vacuum measurement during inspection (Appendix F).

Photo 11: Looking west, view of SSDS legs belonging to the Building B blower (southern basement area); SVMP-B3 is located on the south wall.

Photo 12: Photo of the southern basement located under the commercial spaces; network of legs and suction points MG10 through MG-12.

Photo 13: Photo showing intact concrete composite cover system located in the southern commercial space basement.

Photo 14: View of one of the basement staircases leading to the first floor; concrete wall partition separates the staircase from upstairs office space.

Photo 15: Looking north, showing residential side of the site and stairwells leading to basements where SVMP's are located.

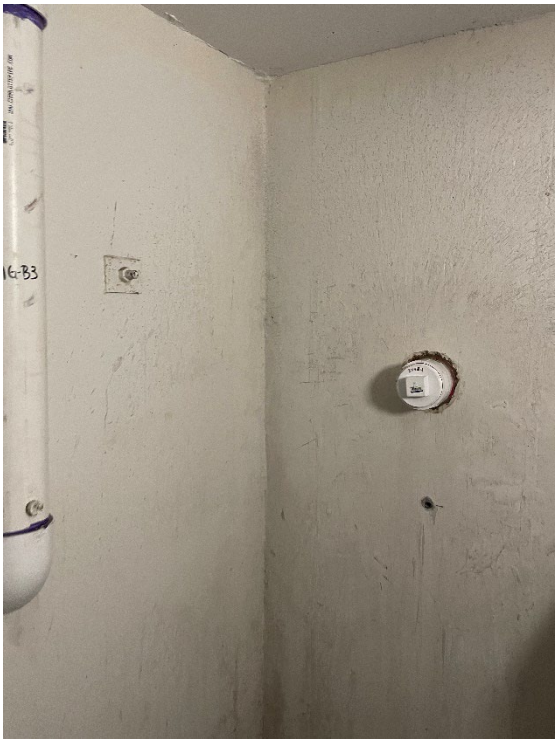

Photo 16: Photo showing monitoring point SVMP-B4 and suction point MG-B3 during site inspection.

Photo 17: Photo showing suction point MG-B3 leg distribution.

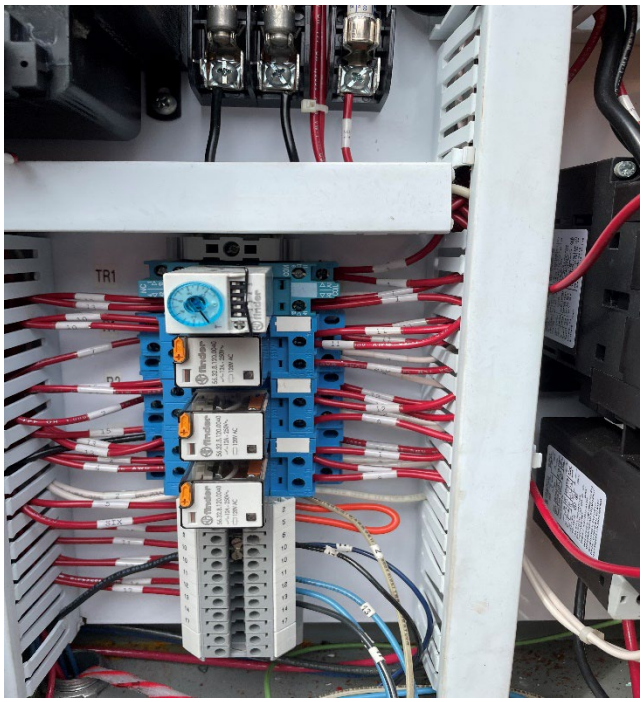

Photo 18: Inspection of the inside of the Blower A control panel electrical board.

Photo 19: Photo during inspection and replacement of the air intake filter.

Photo 20: SSDS piping run leading down from the first floor and into the boiler room wall; valve is in the full open position.

APPENDIX E

Monthly SSDS O&M Logs

A

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	4/22/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Chachan
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)	—	✓	
If there is an alarm condition, was it fixed and the system restarted?	✓		
Is the blower enclosure in good condition?	✓	—	
Are the valves (at blower and aboveground piping) in good condition?	✓	—	
Is the vacuum filter in good condition?	—	✓	need to change
Does the knock-out tank need to be drained? (Record amount drained)	✓	—	no water
Are aboveground piping free of cracks, leaks, and support issues?	—	✓	
Are vacuum/pressure gauges at blower operating properly?	✓	—	
Are interior piping free of cracks, leaks, and support issues?	—	✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	35	
Knock-out Tank-A1	20	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.176	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.371	
SVMP-A3 (335 Chester)	0.005	
SVMP-A4 (337 Chester)	0.046	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?	—	—	

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

B

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	4/22/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Christian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	/		
Are any warning lights on? (Please list those that are on)		/	need to change L°out pump running
If there is an alarm condition, was it fixed and the system restarted?		/	
Is the blower enclosure in good condition?	/		
Are the valves (at blower and aboveground piping) in good condition?	/		
Is the vacuum filter in good condition?		/	need to change
Does the knock-out tank need to be drained? (Record amount drained)	/		no water
Are aboveground piping free of cracks, leaks, and support issues?		/	
Are vacuum/pressure gauges at blower operating properly?	/		
Are interior piping free of cracks, leaks, and support issues?		/	
Are the valves on SVE wells 1 and 2 open?		/	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	50	
Knock-out Tank-B1	44	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.25	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.009	
SVMP-B2	0.042	
SVMP-B3	0.000	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.004	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

A

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	6/28/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian Sepulveda
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		0.000 Water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	38	
Knock-out Tank-A1	20	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.104	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.456	
SVMP-A3 (335 Chester)	0.047	
SVMP-A4 (337 Chester)	0.065	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

B

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	6/28/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian Sepulveda
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		0.000 water
Are aboveground piping free of cracks, leaks, and support issues?	✓		
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?	✓		
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	50	
Knock-out Tank-B1	44	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.140	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.003	
SVMP-B2	0.062	
SVMP-B3	0.015	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	Aug 15 2024
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian S
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	39	
Knock-out Tank-A1	20	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.302	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.123	
SVMP-A3 (335 Chester)	0.043	
SVMP-A4 (337 Chester)	0.017	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	Aug 18 2022
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian S
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?	✓		
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	53	
Knock-out Tank-B1	42	

Blower Effluent	Pressure (in. w.c.)	Comments
EFF-B1	0.207	

Soil Vapor Monitoring Point*	Vacuum (in. w.c.)	Comments
SVMP-B1	0.084	
SVMP-B2	0.002	
SVMP-B3	0.000	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.053	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

A

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	8/26/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Carlton S
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	39	
Knock-out Tank-A1	26	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.102	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.105	
SVMP-A3 (335 Chester)	0.044	
SVMP-A4 (337 Chester)	0.065	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

B

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	8/16/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	[illegible]
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓	✓	not water.
Are aboveground piping free of cracks, leaks, and support issues?	✓	✓	
Are vacuum/pressure gauges at blower operating properly?	✓	✓	
Are interior piping free of cracks, leaks, and support issues?	✓		
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	50	
Knock-out Tank-B1	45	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.080	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.002	
SVMP-B2	0.057	
SVMP-B3	0.003	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.016	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

A

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	9/26/22.
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	39	
Knock-out Tank-A1	20	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.279	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.495	
SVMP-A3 (335 Chester)	0.044	
SVMP-A4 (337 Chester)	0.074	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

B

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	9/16/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	[illegible]
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water.
Are aboveground piping free of cracks, leaks, and support issues?	✓	✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	
Are the valves on SVE wells 1 and 2 open?			

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	53	
Knock-out Tank-B1	44	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.314	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.004	
SVMP-B2	0.049	
SVMP-B3	0.000	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.016	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	11/7/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Easton
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water.
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	40	
Knock-out Tank-A1	20	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.2 11	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.158	
SVMP-A3 (335 Chester)	0.014	
SVMP-A4 (337 Chester)	0.054	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	11/7/22
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Evis Tica
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		Not water-
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	58	
Knock-out Tank-B1	43	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.202	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.003	
SVMP-B2	0.054	
SVMP-B3	0.007	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.011	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	11/29/12
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		35 Gallons.
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	41	
Knock-out Tank-A1	18	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.366	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.362	
SVMP-A3 (335 Chester)	0.023	
SVMP-A4 (337 Chester)	0.012	
SVMP-A5 (339 Chester)	0.001	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	11/19/20
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		not water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	59	
Knock-out Tank-B1	44	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.79	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.007	
SVMP-B2	0.057	
SVMP-B3	0.000	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.001	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	2/4/2023
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian S
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)	—	✓	
If there is an alarm condition, was it fixed and the system restarted?	✓	—	
Is the blower enclosure in good condition?	✓	—	
Are the valves (at blower and aboveground piping) in good condition?	✓	—	
Is the vacuum filter in good condition?	✓	—	is good but we going to change it have like 10 days or water
Does the knock-out tank need to be drained? (Record amount drained)	✓	—	
Are aboveground piping free of cracks, leaks, and support issues?	—	✓	
Are vacuum/pressure gauges at blower operating properly?	✓	—	
Are interior piping free of cracks, leaks, and support issues?	—	✓	

List maintenance activities that were performed or other comments about the system: need to install new lvl inside tank.

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	38	
Knock-out Tank-A1	19	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.205	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.351	
SVMP-A3 (335 Chester)	0.038	
SVMP-A4 (337 Chester)	0.055	
SVMP-A5 (339 Chester)	0.060	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?	—	—	

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	2/28/2022
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		No water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system;

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	120	
Knock-out Tank-A1	9.2	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.140	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.664	
SVMP-A3 (335 Chester)	0.057	
SVMP-A4 (337 Chester)	0.069	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	2/28/2022
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Kristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?			
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		no water
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	
Are the valves on SVE wells 1 and 2 open?			

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	55	
Knock-out Tank-B1	50	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.540	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.190	
SVMP-B2	0.048	
SVMP-B3	0.000	
SVMP-B4 (331 Chester)	0.000	
SVMP-B5	0.001	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	3/30/23
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?			
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)	✓		Not drained
Are aboveground piping free of cracks, leaks, and support issues?		✓	
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?		✓	

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	25	
Knock-out Tank-A1	25	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.299	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.613	
SVMP-A3 (335 Chester)	0.049	
SVMP-A4 (337 Chester)	0.094	
SVMP-A5 (339 Chester)	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1		
MG-A2		
MG-A3		
MG-A4		
MG-A5		
MG-A6		
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12		
MG-A13		
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	3/30/23
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	Cristian
System:	Active Mix Use Sub-Slab Depressurization System		
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)		✓	Just was drained
Are aboveground piping free of cracks, leaks, and support issues?	✓		
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?	✓		
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	55	
Knock-out Tank-B1	50	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.705	
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.059	
SVMP-B2	0.060	
SVMP-B3	0.003	
SVMP-B4 (331 Chester)	0.080	
SVMP-B5	0.000	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?			

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1		
MG-B2		
MG-B3		
MG-B4		
MG-B5		
MG-B6		
MG-B7		
MG-B8		
MG-B9		
MG-B10		
MG-B11		
MG-B12		
MG-B13		
MG-B14		
MG-B15		
MG-B16		
MG-B17		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER A (SOUTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	03-31-2023
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	ALFREDO FERNANDEZ
System:	Active Mix Use Sub-Slab Depressurization System		CRISTIAN
Blower:	Rotron EN858, 7.5 Hp (Blower A)		
Blower Range:	120 IWG pressure, 98 IWG vac, 400 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)		✓	
Are aboveground piping free of cracks, leaks, and support issues?	✓		
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-A1 (after knock-out tank)	25	
Knock-out Tank-A1	25	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-A1	0.277	PID: 0.2 PPM
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-A2	1.424	
SVMP-A3 (335 Chester)	0.055	
SVMP-A4 (337 Chester)	0.081	
SVMP-A5 (339 Chester)	0	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-A2, SVMP-A3, SVMP-A4, OR SVMP-A5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?	✓		

Suction Point*	Vacuum (in. w.c.)	Comments
MG-A1	17.33	
MG-A2	17.25	
MG-A3	16.93	
MG-A4	16.98	
MG-A5		
MG-A6	15.55	
MG-A7		
MG-A8		
MG-A9		
MG-A10		
MG-A11		
MG-A12	8.883	
MG-A13	8.921	
MG-A14		

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points

BLOWER B (NORTHERN) SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS AND MAINTENANCE FORM

Site Name:	Marcus Garvey Apartments (BCP Site No. C224198)	Inspection Date:	03-31-2023
Street Address:	650 Rockaway Avenue		
Location:	Brownsville, NY	Inspection Personnel:	ALFREDO FERNANDEZ
System:	Active Mix Use Sub-Slab Depressurization System		CRISTIAN
Blower:	Rotron EN909 15 Hp (Blower B)		
Blower Range:	120 IWG pressure, 100 IWG vac, 600 cfm		

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Is the system operating normally?	✓		
Are any warning lights on? (Please list those that are on)		✓	
If there is an alarm condition, was it fixed and the system restarted?		✓	
Is the blower enclosure in good condition?	✓		
Are the valves (at blower and aboveground piping) in good condition?	✓		
Is the vacuum filter in good condition?	✓		
Does the knock-out tank need to be drained? (Record amount drained)		✓	
Are aboveground piping free of cracks, leaks, and support issues?	✓		
Are vacuum/pressure gauges at blower operating properly?	✓		
Are interior piping free of cracks, leaks, and support issues?	✓		
Are the valves on SVE wells 1 and 2 open?	✓		

List maintenance activities that were performed or other comments about the system:

Blower Influent	Vacuum (in. w.c.)	Comments
INF-B1 (after knock-out tank)	55	
Knock-out Tank-B1	50	
Blower Effluent	**Pressure (in. w.c.)**	**Comments**
EFF-B1	0.702	PID: 0.1 PPM
Soil Vapor Monitoring Point*	**Vacuum (in. w.c.)**	**Comments**
SVMP-B1	0.018	
SVMP-B2	0.059	
SVMP-B3	0.005	
SVMP-B4 (331 Chester)	0	
SVMP-B5	0	

PERFORM THE FOLLOWING ONLY IF VACUUM READING AT SVMP-B2, SVMP-B3, SVMP-B4, OR SVMP-B5 IS LESS THAN 0.004 IN. W.C.

INSPECTION ITEM DESCRIPTION	Yes	No	Comments/ Actions Taken (list actions taken if "No" is checked)
Are interior vacuum gauges operating properly?	✓		

Suction Point*	Vacuum (in. w.c.)	Comments
MG-B1	34.74	
MG-B2	36.87	
MG-B3	37.12	
MG-B4	38.69	
MG-B5	38.54	
MG-B6	38.74	
MG-B7	38.95	
MG-B8	17.10	
MG-B9	17.16	
MG-B10	16.88	
MG-B11	16.40	
MG-B12	15.95	
MG-B13	10.15	
MG-B14	10.04	
MG-B15	9.61	
MG-B16	9.32	
MG-B17		DOOR LOCKED

in. w.c. - inches of water

* Refer to figure for locations of Soil Vapor Monitoring Points and Suction Points