# Queens West Development
# Parcel 9
**QUEENS, NEW YORK**

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2020 Periodic Review Report and Annual Certification

**NYSDEC BCP Number: C241049**

**ATC Project Number:**

**Z214DCAB06**

**Prepared for:**

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**JANUARY, 2021**

# TABLE OF CONTENTS

1.0 INTRODUCTION ..... 1
2.0 BACKGROUND ..... 2
2.1 SITE DESCRIPTION ..... 2
2.2 REMEDIAL INVESTIGATION FINDINGS ..... 2
*2.2.1 Geology, Hydrogeology and Subsurface Characteristics* ..... 2
*2.2.2 Nature and Extent of Contamination* ..... 2
2.3 SITE REMEDIATION ..... 3
*2.3.1 Soil Excavation* ..... 3
*2.3.2 Engineering Controls* ..... 4
*2.3.3 Institutional Controls* ..... 5
3.0 SITE COVER OPERATION AND MAINTENANCE ..... 7
3.1 SITE COVER INSPECTION ..... 7
4.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE ..... 8
4.1 ROUTINE SYSTEM CHECKS ..... 8
4.2 PERIODIC INSPECTIONS ..... 8
5.0 CONCLUSIONS AND RECOMMENDATIONS ..... 9
6.0 INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION ..... 10

## FIGURES

Figure 1 - Site Location Map
Figure 2 - Queens West Development Parcels
Figure 3 - Site Plan and Engineering Controls

## TABLES

Table 1 - Vapor Mitigation System Blower Runtimes
Table 2 - Vapor Mitigation System Operational Data

## APPENDICES

Appendix A - Site Cover Inspection Log and Photographs
Appendix B - Vapor Mitigation System Inspection Logs
Appendix C - Site-wide Inspection Log
Appendix D - Institutional and Engineering Control Certification Form
Appendix E - NYSDEC Site Management Modification Approval Letters
Appendix F - Disposal Documentation
Appendix G - Well Decommissioning Records

# 1.0 INTRODUCTION

In January of 2020, AvalonBay Communities Inc., (AvalonBay), retained ATC Group Services LLC (ATC) to prepare the Periodic Review Report (PRR) for 2020 (formerly referred to as Site Management Report) and Annual Certification of Institutional and Engineering Controls for the site, which is identified as Queens West Development – Parcel 9. The following introductory and background discussions are according to the PRR prepared by AKRF Engineering, P.C. (AKRF) and dated February 2008.

The Queens West Development is a project of the Queens West Development Corporation (QWDC), a subsidiary of New York State's Empire State Development Corporation (NYSEDC), under the collective sponsorship of the Port Authority of New York and New Jersey, the New York City Economic Development Corporation (NYCEDC), and Empire State Development Corporation. The overall Queens West Development site comprises 74 acres along the East River in Hunters Point, Queens, extending from Anable Basin to the north to Newtown Creek to the south (Figure 1). Stage I of the development involved construction of residential buildings on the portion of the site between 47th Road and 50th Avenue. The development sites in this area were designated as Parcels 8, 9, 10, and 11, as shown on Figure 2.

In August 1998, a Voluntary Cleanup Agreement (VCA) was entered into between New York State Department of Environmental Conservation (NYSDEC) and QWDC. This agreement covered Parcels 8, 9, and 11 and the portion of Center Boulevard between Parcels 8 and 9. In July 2000, the VCA was amended to allow it to be divided into separate agreements for each parcel, which would be executed by the designated developer for the parcel. Accordingly, after AvalonBay was selected as the developer of Parcels 8, 9, and 11, AvalonBay executed separate agreements for each of the three parcels in September 2000. In March 2004, AvalonBay requested that NYSDEC transition Parcels 8 and 9 into the Brownfield Cleanup Program (BCP), with the BCP Agreements for both parcels being signed by the NYSDEC and becoming effective on June 28, 2005.

Subsurface contamination at Parcel 9 was remediated between August 2005 and May 2006 in accordance with the NYSDEC-approved Remedial Work Plan (revised August 2005). The site remediation was documented in a Final Engineering Report (FER) dated December 2006, and on-going site management requirements were specified in a Site Management Plan (SMP), which was included as an attachment to the FER. NYSDEC issued a Certificate of Completion for Parcel 9 on December 29, 2006. The purpose of this PRR and Annual Certification is to document on-going site management activities associated with Engineering and Institutional Controls for the site during the 2020 calendar year, and to certify those controls in accordance with the SMP.

# 2.0 BACKGROUND

## 2.1 SITE DESCRIPTION

Parcel 9 is located in the Hunters Point section of Queens, New York. The parcel is bound by 5th Street on the east, 48th Avenue on the south, Center Boulevard on the west, and 47th Road on the north. It has a total area of approximately 1.79 acres, and is defined as Lots 1, 5, and 19 of Tax Block 19 of Queens County. The site is currently occupied by an L-shaped high-rise apartment building located in the western and southwestern portions of the site, a multi-level parking garage located in the eastern portion of the site, with townhouses located south of the garage, along 48th Avenue. Approximately 2,300 square feet of retail space are located on the ground floor of the residential building, along Center Boulevard. A courtyard and driveway are located in the center of the site, providing access to the parking garage and loading dock from 47th Road. A Site Plan is provided as Figure 3.

## 2.2 REMEDIAL INVESTIGATION FINDINGS

### *2.2.1 Geology, Hydrogeology and Subsurface Characteristics*

The geotechnical studies conducted prior to site redevelopment indicated that the top 10 to 12 feet of soil on the parcel consisted of historic urban fill material. This was underlain in most borings by a layer of alluvial sand up to 17 feet thick. A stratum of soft gray organic silty clay, generally less than 10 feet thick and representing old marsh deposits, was present inter-layered in the sand at many locations. Below the sand and organic deposits was a layer of glacial till up to 30 feet thick. This consisted of compact fine to coarse sand with some gravel, silt, clay, clay pockets, and boulders. The surface of the till was found at an elevation of -10 to -12 feet (Queens Borough Datum) over most of the parcel, dipping sharply to a depth of -30 feet in the southwest corner of the parcel. Bedrock was encountered at elevation -20 to -30 feet over most of the parcel, dipping in the southwest corner, to a minimum elevation of -55 feet.

Groundwater studies performed at the site and in surrounding areas indicated a general groundwater flow direction towards the west or southwest, with some tidal influence at locations close to the river. A localized groundwater depression in 47th Road, approximately 150 feet west of 5th Street, was noted in some studies. It is speculated that this depression was due to a leak in the storm sewer piping that runs under 47th Road.

### *2.2.2 Nature and Extent of Contamination*

*Soil Contamination*

Cumulative results from the previous studies on Parcel 9 indicated the presence of two separate types of soil contamination on the site. Petroleum contamination, including the presence of light non-aqueous phase liquid (LNAPL) was centered in the north-central portion of the site. Coal tar contamination, including the presence of dense non-aqueous phase liquid (DNAPL), was found in the southwestern portion of the site, and along the western boundary of the site adjacent to Center Boulevard.

The petroleum-contaminated soil was characterized by high levels of benzene, toluene, ethylbenzene, and xylenes (BTEX), as well as other relatively light, monocyclic hydrocarbons, including cyclohexane and methylcyclohexane. Naphthalene was present in the petroleum-contaminated soil, but at lower levels than the monocyclic compounds. The heavier polycyclic aromatic hydrocarbons (PAHs) were present at relatively low concentrations (except for samples from the historic fill layer).

An area of deep contamination was identified in the southwestern portion of the site where DNAPL was found. This area corresponded to a low point in the lower confining layer (till or clay) where it is not unexpected that DNAPL would tend to accumulate. A second area of coal tar contamination was identified further north along the western boundary of the site. The coal tar-contaminated soil was characterized by high levels of naphthalene and 2-methylnaphthalene, with BTEX present, but at lower levels than naphthalene.

The surface soils on the site were characterized as historic fill material incorporating ash as well as brick, concrete, and other demolition debris. The fill contained higher and more variable concentrations of metals and heavy PAHs than the underlying native soils. Metals were detected generally at concentrations typical of soil background levels. Above-background concentrations of mercury were detected in a few soil samples. However, these appeared to be randomly distributed in the fill.

*Groundwater Contamination*

Petroleum and coal tar-related volatile organic compounds (VOCs) and semi volatile organic compounds (SVOCs) were present at elevated levels in groundwater samples from wells in the northwest quadrant of Parcel 9, and in the area of coal tar contamination at the southwestern corner and along the western edge of the parcel. The most common compounds detected were BTEX, naphthalene, and 2-methylnaphthalene. In general, the higher levels of naphthalene were associated with the coal tar contamination along the western edge of the site, and the higher levels of benzene were associated with the petroleum contamination in the north-central portion of the site. Metals were generally either not detected or detected at concentrations well below the Class GA groundwater standards. Polychlorinated biphenyls (PCBs) and pesticides were not detected in any of the groundwater samples analyzed.

## 2.3 SITE REMEDIATION

### *2.3.1 Soil Excavation*

Remediation of the petroleum and coal tar contamination identified on Parcel 9 commenced in August 2005. The remediation was conducted in accordance with the approved Remedial Work Plan (RWP), dated May 2005 (Revised August 2005). The selected remedy consisted of excavating soil containing contaminant concentrations exceeding the Site-Specific Soil Action Levels (SSSALs), with soil excavation conducted under a temporary containment structure equipped with an air handling system to control fugitive odors and dust. The remedy also included installation of a permanent subsurface containment wall, constructed of steel sheet piles driven into the low permeability till layer, to facilitate soil removal and isolate the site from off-site contamination. The remediation program also included pumping out and removing several underground storage tanks that were discovered during soil excavation activities.

Excavation and off-site disposal of all contaminated soil from within the containment wall was completed on March 30, 2006. During remediation activities, soil excavation was terminated generally at the till layer based on field screening indicating the end of gross contamination and technical limitations of excavating the till, which consisted of densely packed clay, silt, and gravel, and contained numerous cobbles and boulders. Contaminated soil was removed from the southwestern portion of the excavation to the top of a dense clay layer at approximately 27 to 34 feet below grade, on top of the till layer. DNAPL was observed in an approximately six-inch interval in sandy material just above the clay layer, indicating that the clay was acting as a confining layer preventing downward migration of DNAPL in this portion of the site. These observations were consistent with findings from previous investigations, which identified DNAPL in monitoring wells in the southwestern corner of the parcel.

Between March 30 and May 25, 2006, additional soil remediation was conducted outside of the sheeting

line in an area of historic fill containing elevated naphthalene concentrations and three areas where underground storage tanks were discovered during excavation for foundations in the proposed parking garage area.

### *2.3.2 Engineering Controls*

In addition to soil excavation and disposal, the RWP included the installation of engineering controls to prevent exposure to residual subsurface contamination at the site. The engineering controls, which consist of a site cover, hydraulic barrier, and sub-slab vapor mitigation system, are described in more detail below.

*Site Cover*

At the time that the FER was submitted, the site cover consisted of: concrete building foundations in the area of the high-rise residential building, townhouses, and portions of the garage; and a temporary cover of at least two feet of clean fill meeting NYSDEC TAGM 4046 RSCOs in the future courtyard area and the remaining portion of the garage not paved with concrete. Following completion of the building construction in the second half of 2007, a permanent site cover was installed in all areas not already covered by building foundations, and included: concrete over the entire garage area; paving in portions of the courtyard area; and two feet of top soil in the remainder of the courtyard and all perimeter landscaped areas.

*Hydraulic Barrier*

As described in Section 2.3.1., permanent interlocking steel sheeting was installed around the entire soil remediation area to facilitate soil excavation. The sheeting was installed such that it will also serve as a hydraulic barrier to isolate the site from off-site contamination. This was accomplished by driving the sheeting into the low-permeability till or clay layer, and sealing the seams in the sheeting with hydrocarbon-resistant Adeka gaskets to prevent infiltration of contaminants back onto the site. The hydraulic barrier was installed below grade, and does not require maintenance.

*Vapor Mitigation System*

Site remediation included the installation of a vapor mitigation system under the residential tower and townhouses. The system consists of a vapor barrier, a sub-slab gas collection network, steel pipe risers, and aboveground blowers/instrumentation. The vapor barrier consists of a 60-mil thick, spray-applied, LiquidBoot® gas vapor membrane. The subsurface gas collection pipe network consists of Schedule 40, 4-inch diameter PVC piping with 0.02-inch slots installed in a 12-inch thick layer of gas-permeable aggregate. The slotted piping is installed in four separate zones under the on-site residential buildings, as follows:

- Zone 1 - Northern wing of high-rise building (facing Center Boulevard)
- Zone 2 - Central tower portion of high-rise building
- Zone 3 - Southern wing of high-rise building (facing 48th Avenue)
- Zone 4 - Townhouses

In each zone, a length of solid 4-inch diameter Schedule 40 PVC piping leads from the slotted piping network to an interior riser. Temporary blower assemblies were connected to the risers and activated on December 22, 2006. Following completion of the building mechanical rooms, the temporary blowers were taken out of service and the permanent blowers were installed at their designated locations and activated on December 4, 2007.

### *2.3.3 Institutional Controls*

Institutional controls incorporated into the site remedy include an environmental easement to prohibit certain on-site uses, and implementation of a SMP specifying soil management, operation, maintenance, monitoring, and reporting procedures during future site use. These Institutional Controls are described in more detail below.

*Site Management Plan*

A SMP was prepared to describe procedures and protocols for post-remediation management of the site. This SMP includes four plans: an Institutional and Engineering Control Plan for implementation and management of institutional and engineering controls; a Monitoring Plan for implementation of site monitoring; an Operation and Maintenance Plan for operation of the sub-slab vapor mitigation system; and a Site Management Reporting Plan for submittal of data, information, recommendations and certifications to NYSDEC. The Institutional and Engineering Control Plan portion of the SMP includes detailed procedures for handling residual on-site contamination during future soil disturbance activities.

At the end of the 2012 reporting year, ATC requested that the groundwater sampling be reduced from quarterly to semi-annual and that the quarterly vapor sampling be discontinued along with the use of the granulated activated carbon (GAC) adsorbers (which are located at Zone 4). A letter dated June 4, 2013 received from NYSDEC indicating the request to change the frequency of groundwater monitoring from quarterly to semi-annually was approved. Subsequently, a letter was received from NYSDEC dated December 20, 2013 indicating that the quarterly sampling at the four SSDS zones may be discontinued and the carbon should be removed. The GAC adsorbers located in Zone 4 were subsequently removed from the site on February 19, 2014. Disposal documentation is provided in Appendix F.

In February 2015, ATC requested that the semi-annual groundwater sampling be discontinued and the two on-site monitoring wells (MS-11R and MW-12) and the six monitoring wells outside of the hydraulic barrier (MW-2, MW-8 and MW-14 through MW-17) be decommissioned in accordance with NYSDEC CP-43 Groundwater Monitoring Well Decommissioning Policy. An email sent June 2, 2015 from NYSDEC stated that the semi-annual round of monitoring scheduled to take place in June 2015 did not need to be conducted and that a follow-up letter from NYSDEC would be sent in response the ATC's SMP modification request. Subsequently, NYSDEC approved the discontinuation of groundwater monitoring and the decommissioning of the six on-site and two off-site monitoring wells in letters dated November 24, 2015 and March 22, 2016. These monitoring wells were permanently closed in accordance with NYSDEC CP-43 on April 5 and 6, 2016. The SMP issued in December 2016 was subsequently revised in February 2014 and April 2016. NYSDEC correspondence documentation is provided in Appendix E and well decommissioning records are included in Appendix G

*Environmental Easement*

An environmental easement has been recorded for the site and includes the following site use restrictions:

- Use of the site for "Restricted Residential Use".
- All engineering controls (including the site cover and sub slab vapor depressurization and active venting system) must be operated and maintained as specified in the NYSDEC-approved Site Management Plan. No Engineering and Institutional Controls may be discontinued without a NYSDEC- approved amendment or extinguishment of the Environmental Easement and/or Site Management Plan.
- Annual inspections, certifications of Institutional & Engineering controls, Site usage, and Site

Management Reporting to NYSDEC must be conducted in accordance with the NYSDEC-approved Site Management Plan.

- All future soil disturbance activities on the site that will impact residual contaminated material, including, but not limited to, building construction or expansion, sub-grade utility line construction or repair, must be conducted in accordance with the Soil Management provisions in the NYSDEC-approved Site Management Plan.

- Operation Monitoring and Maintenance (OM&M) of the sub-slab depressurization system must be performed in a manner specified in the NYSDEC-approved Site Management Plan.

- Groundwater and other environmental or public health monitoring required by the NYSDEC-approved Site Management Plan, and reporting of information thus obtained, must be performed in a manner specified in that Plan.

- On-site environmental monitoring devices, including but not limited to, groundwater monitor wells and soil vapor probes, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the NYSDEC-approved Site Management Plan.

- The use of the groundwater underlying the site is prohibited without treatment rendering it safe for intended purpose.

- Vegetable gardens are prohibited.

- The site may not be used for a higher level of use such as unrestricted residential, without proper notification of NYSDEC of the change of use, approval of that use by the NYSDEC, and an amendment of the Site Management Plan approved by NYSDEC.

The environmental easement includes: a description of the use restrictions; a map showing the area of the restrictions; and a copy of the NYSDEC-approved SMP. The property deed and all subsequent instruments of conveyance will contain language indicating that the site is subject to the environmental easement. A copy of the environmental easement is included as an appendix to the SMP.

# 3.0 SITE COVER OPERATION AND MAINTENANCE

## 3.1 SITE COVER INSPECTION

ATC conducted an inspection of the entire site cover on December 2, 2020 to check the asphalt/concrete paving for cracking and/or signs of wear, and check for erosion of the soil cover in unpaved areas. All paving was found to be intact, with no signs of cracking or damage. No erosion was noted in the landscaped areas. Photographs documenting the December 2, 2020 inspection and a copy of the site cover inspection log are provided in Appendix A.

# 4.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE

## 4.1 ROUTINE SYSTEM CHECKS

On-site representatives from AvalonBay conducted routine checks of the vapor mitigation system throughout the year to: ensure that the blowers were operational; record the blower runtimes as indicated on the control panels; and note any unusual conditions, such as leaks or odors. Routine checks were conducted on an approximately daily to weekly basis during the 2020 calendar year. Blower runtime data is summarized in Table 1. Copies of the routine system check log sheets are provided in Appendix B.

The zone 3 meter display was replaced on December 13, 2008, at which time the AKRF technician was able to decipher a final reading of 7415.4 hours from the broken meter. This value will be added to all subsequent readings from the new meter to calculate a total runtime for the Zone 3 blower. In July of 2020, the Zone 3 Well Flow Rate Gauge displayed a zero measurement, likely due to a malfunctioning sensor. However, at this time, the Total Flow Rate Gauge in Zone 3 continued to display readings which were typical for this zone. In addition, the system's motor continued to operate. Since the Total Flow Rate was operational, the Well Flow Rate gauge was not immediately replaced.

Blower downtime for each zone was calculated by subtracting the blower runtimes logged during the routine system checks (converted to days), from the number of calendar days elapsed during the reporting period, as summarized in Table 1. No blower downtime was calculated for Zones 1, 2 3, and 4.

## 4.2 PERIODIC INSPECTIONS

Periodic system inspections were conducted by ATC personnel on a monthly basis. Copies of the inspection log sheets are provided in Appendix B. Activities conducted during the inspections included recording vacuum gauge and flow meter readings and adjusting system components to optimize system efficiency. All readings are summarized in Table 2. Vacuum readings generally ranged from 5.0 to 12.0 inches of water ("H2O) and total flow readings generally ranged from 206 to 351 cubic feet per minute (CFM), which are within the normal operating range of the blower. The differential pressure between pre-filter and post-filter vacuum readings was less than 1" H2O for all blowers. Vapor discharge sampling was discontinued and the GAC adsorbers were removed during the 2013 reporting period.

# 5.0 CONCLUSIONS AND RECOMMENDATIONS

A site wide inspection was conducted on December 2, 2020, as specified in the SMP to ensure that all aspects of the remedy were in-place and effective. A copy of the Site-Wide Inspection log is included in Appendix C. The inspection included a review of the site cover/vapor mitigation system monitoring logs. Based on this review and the data evaluation summarized in this report, the following conclusions and recommendations were developed:

- The permanent site cover is present and in good condition throughout all portions of the site.
- The active sub-slab vapor mitigation system was operated on a nearly continuous basis in all four (4) zones (Zones 1, 2, 3, and 4) throughout the 2020 reporting period.
- All vacuum and flow rate measurements collected from the vapor mitigation system during the 2020 reporting period were within the operational ranges for the system blowers.

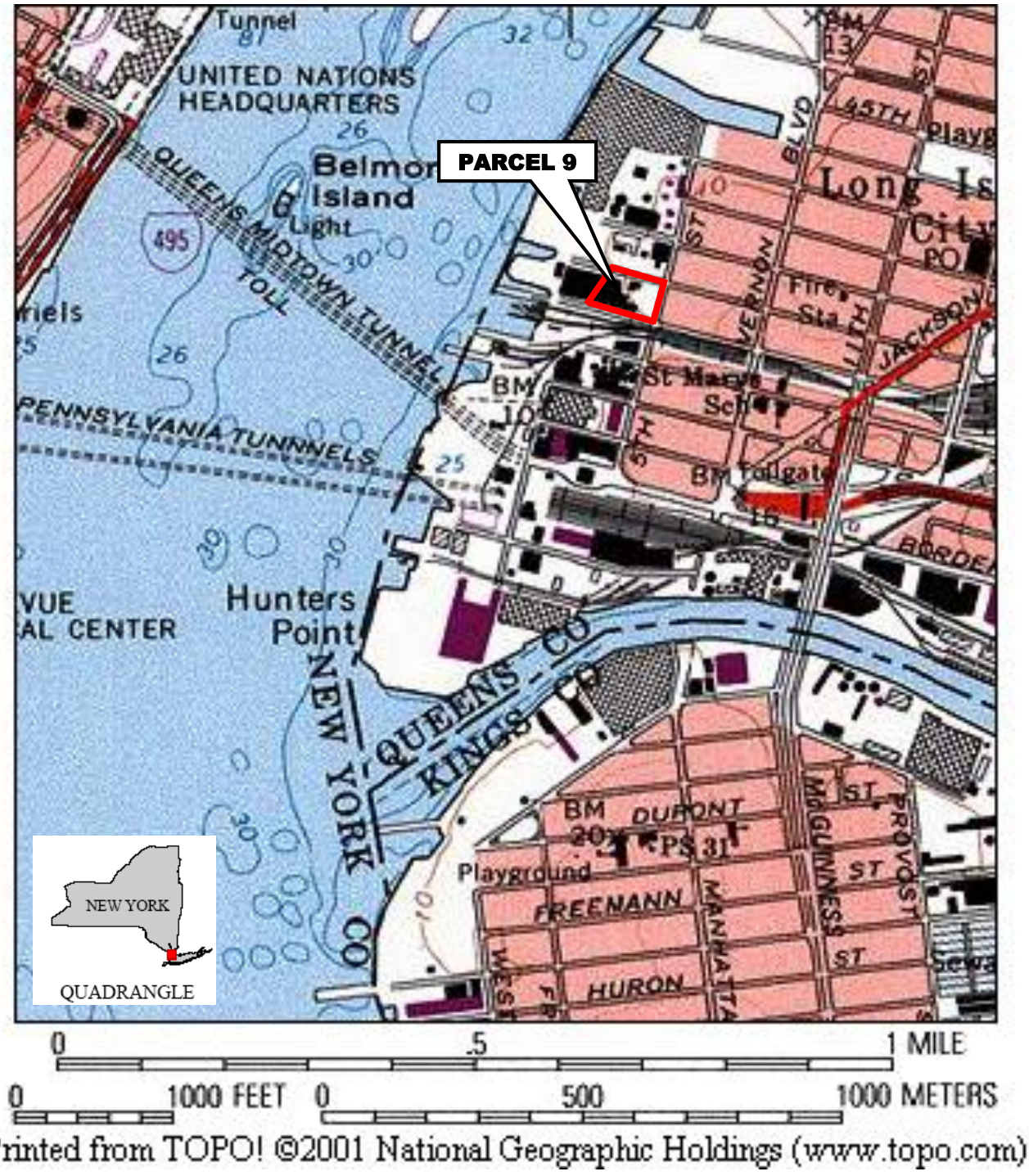
Based on review of the analytical and field data for the 2020 reporting year, ATC has the following recommendations:

- Continue the monitoring and reporting for the 2021 reporting period as identified in the modified SMP issued in April 2016.
- Although not an immediate concern, based on the Zone 3 motor functioning and Total Flow Rate constant, the replacement of the Well Flow Rate sensor in Zone 3 should be considered.

# 6.0 INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION

The IC/EC Certification Form for the site was completed based on results from the site monitoring and inspections described in the report. A copy of the form is provided as Appendix D. The Certification Form indicates that all ICs/ECs at the site remain in place and effective.

# FIGURES



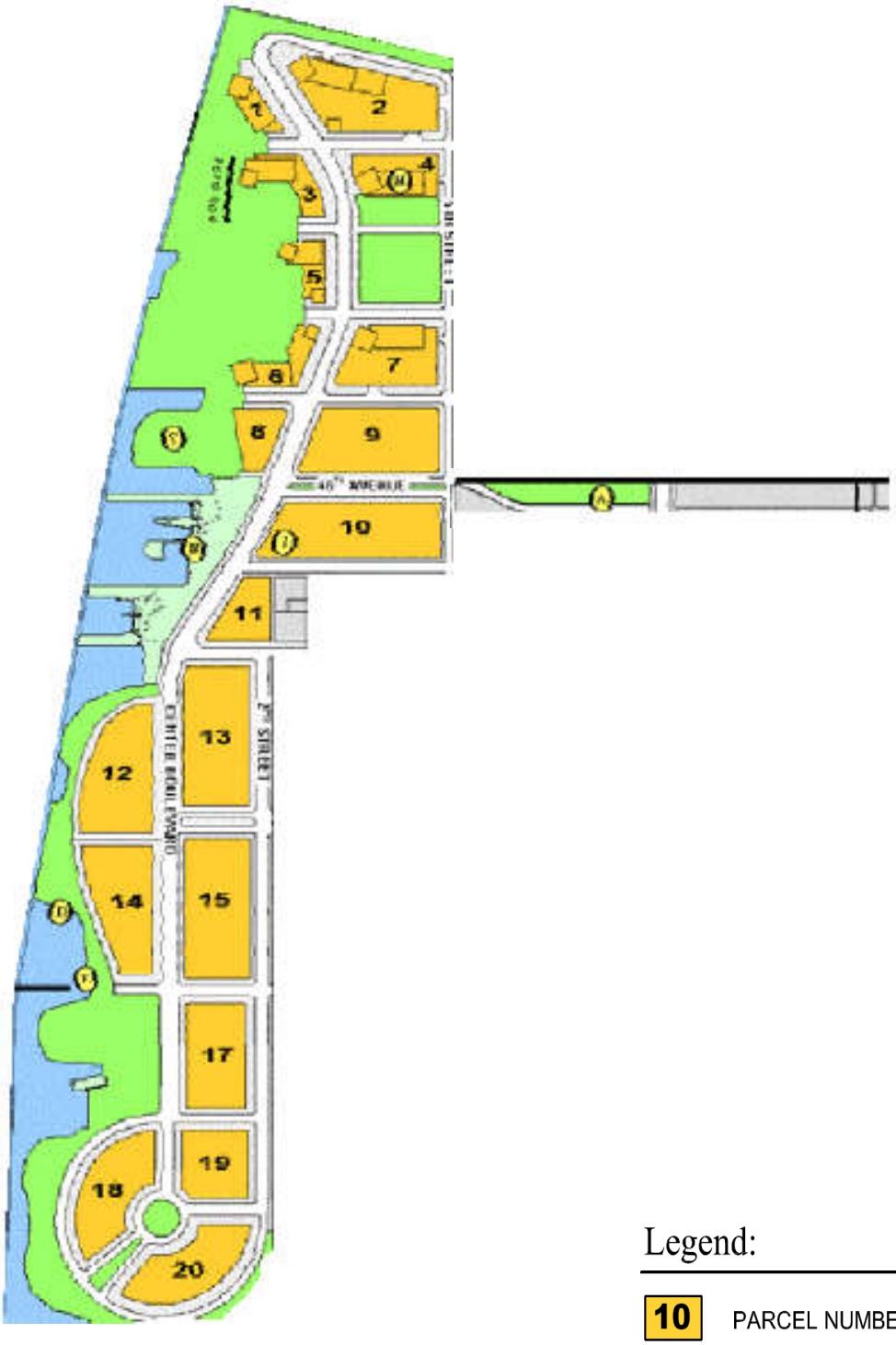

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USGS TOPO, Brooklyn, NY Quad.

**FIGURE 1 – SITE LOCATION MAP**

| | |
|---|---|
| **Client:** | Avalon Bay Communities |
| **Site:** | Queens West Parcel 9 |
| **Project No.:** | Z214DCAB06 |
| **Year:** | 1995 |
| **Scale:** | As shown |

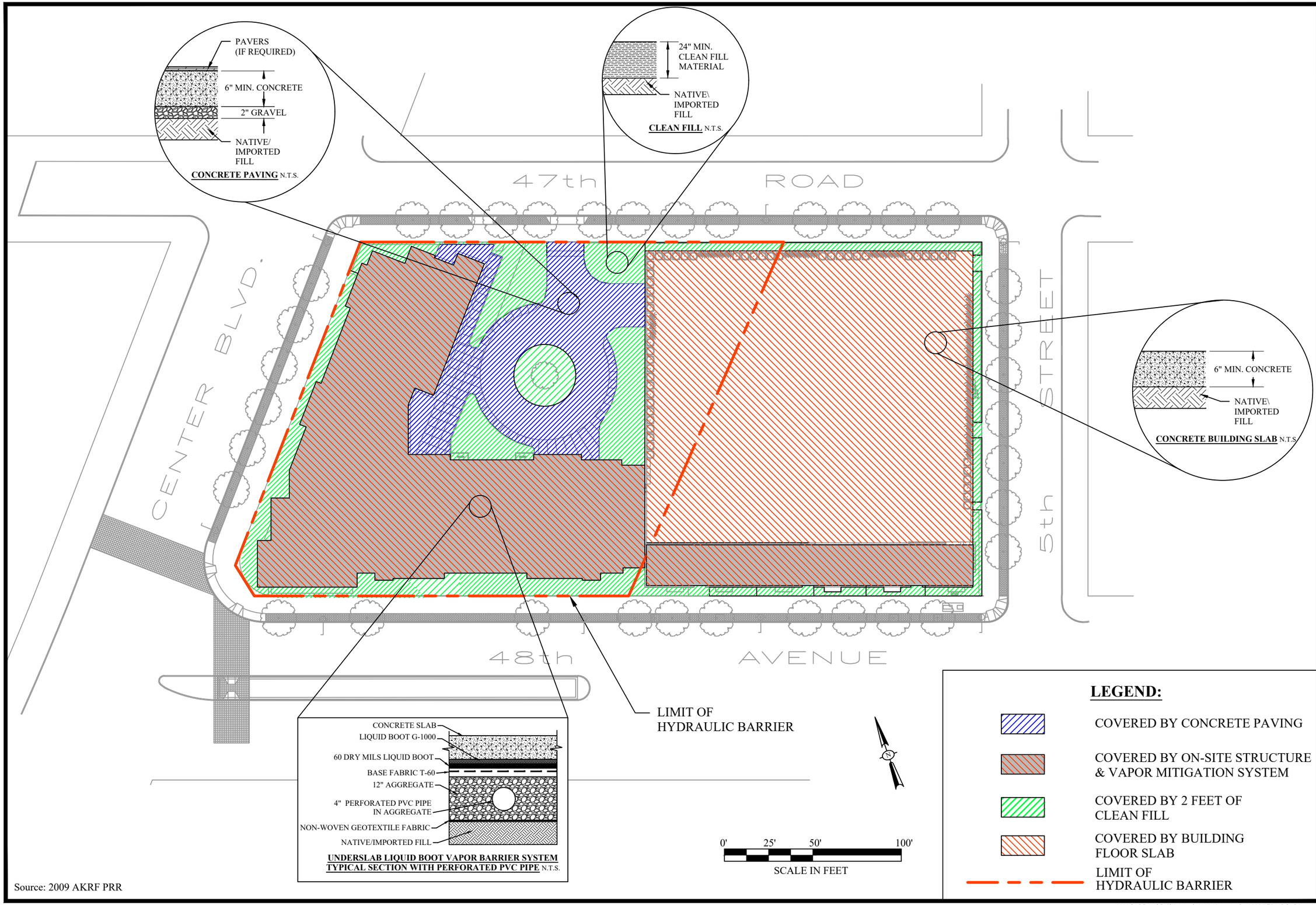



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**FIGURE 2 – QUEENS WEST DEVELOPMENT PARCELS**

**Client:** Avalon Bay Communities
**Site:** Queens West Parcel 9
**Project No.:** Z214DCAB06




Source: 2009 AKRF PRR

ATC — AN ATLAS COMPANY

**QUEENS WEST PARCEL 9**
QUEENS, NEW YORK

**SITE PLAN & ENGINEERING CONTROLS**

DATE
**JANUARY 2021**

SCALE
**As shown**

PROJECT No.
**Z214DCAB06**

FIGURE
**3**

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# TABLES

# TABLE 1
## VAPOR MITIGATION SYSTEM BLOWER RUNTIME DATA
### QUEENS WEST DEVELOPMENT - PARCEL 9

| Date | Zone 1 | | | | Zone 2 | | | | Zone 3 | | | | Zone 4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | On/Off | Runtime (hrs) | Runtime (days)[1] | Est. Downtime (days)[2] | On/Off | Runtime (hrs) | Runtime (days)[1] | Est. Downtime (days)[2] | On/Off | Runtime (hrs) | Runtime (days)[1] | Est. Downtime (days)[2] | On/Off | Runtime (hrs) | Runtime (days)[1] | Est. Downtime (days)[2] |
| 1/16/2020 | On | 103,648 | 4318.7 | 0.0 | On | 106,223 | 4426.0 | 0.0 | On | 104,090 | 4337.1 | 0.0 | On | 105,369 | 4390.4 | 0.0 |
| 2/27/2020 | On | 104,656 | 4360.7 | 0.0 | On | 107,232 | 4468.0 | 0.0 | On | 105,100 | 4379.2 | 0.0 | On | 106,377 | 4432.4 | 0.0 |
| 3/19/2020 | On | 105,156 | 4381.5 | 0.0 | On | 107,732 | 4488.8 | 0.0 | On | 105,604 | 4400.2 | 0.0 | On | 106,878 | 4453.2 | 0.0 |
| 4/16/2020 | On | 105,827 | 4409.5 | 0.0 | On | 108,404 | 4516.8 | 0.0 | On | 106,273 | 4428.0 | 0.0 | On | 107,550 | 4481.2 | 0.0 |
| 5/6/2020 | On | 106,309 | 4429.5 | 0.0 | On | 108,884 | 4536.8 | 0.0 | On | 106,746 | 4447.8 | 0.0 | On | 108,080 | 4503.3 | 0.0 |
| 6/9/2020 | On | 107,128 | 4463.7 | 0.0 | On | 109,704 | 4571.0 | 0.0 | On | 107,573 | 4482.2 | 0.0 | On | 108,849 | 4535.4 | 0.0 |
| 7/9/2020 | On | 107,847 | 4493.6 | 0.0 | On | 110,423 | 4601.0 | 0.0 | On | 108,292 | 4512.2 | 0.0 | On | 109,568 | 4565.3 | 0.0 |
| 8/28/2020 | On | 109,048 | 4543.7 | 0.0 | On | 111,624 | 4651.0 | 0.0 | On | 109,493 | 4562.2 | 0.0 | On | 110,769 | 4615.4 | 0.0 |
| 9/18/2020 | On | 109,555 | 4564.8 | 0.0 | On | 112,130 | 4672.1 | 0.0 | On | 109,999 | 4583.3 | 0.0 | On | 111,276 | 4636.5 | 0.0 |
| 10/30/2020 | On | 110,556 | 4606.5 | 0.0 | On | 113,132 | 4713.8 | 0.0 | On | 111,002 | 4625.1 | 0.0 | On | 112,278 | 4678.3 | 0.0 |
| 11/24/2020 | On | 111,181 | 4632.5 | 0.0 | On | 113,756 | 4739.9 | 0.0 | On | 111,626 | 4651.1 | 0.0 | On | 112,902 | 4704.3 | 0.0 |
| 12/2/2020 | On | 111,339 | 4639.1 | 0.0 | On | 113,926 | 4746.9 | 0.0 | On | 111,791 | 4657.9 | 0.0 | On | 113,072 | 4711.3 | 0.0 |

**Notes:**

[1] Estimated Runtime (days) = Runtime (hours)/24

[2] Estimated Downtime = # Calendar Days - Runtime (days)

*Total Zone 3 runtime calculated by adding reading at new meter to final reading pulled from broken meter (7415.4).

** All Runtime Meter displays are missing the first digit "1" when the meters reached 100,000 due to space limitations on the digital meter

# TABLE 2
## VAPOR MITIGATION SYSTEM VACUUM AND FLOW RATE READINGS
### QUEENS WEST DEVELOPMENT - PARCEL 9

| | Zone 1 | | | Zone 2 | | | Zone 3 | | | | Zone 4 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Vacuum at Filter | | Flow | Vacuum at Filter | | Flow | Vacuum at Filter | | Flow | | Vacuum at Filter | | Flow | |
| Date | Pre ("$H_2O$) | Post ("$H_2O$) | (CFM) | Pre ("$H_2O$) | Post ("$H_2O$) | (CFM) | Pre ("$H_2O$) | Post ("$H_2O$) | Riser (CFM) | Total(CFM) | Pre ("$H_2O$) | Post ("$H_2O$) | Riser (CFM) | Total(CFM) |
| 1/16/2020 | 7.5 | 7.5 | 334 | 9.5 | 9.5 | 351 | 10.5 | 11.0 | 255 | 217 | 5.0 | 5.5 | 583 | 302 |
| 2/27/2020 | 7.0 | 7.5 | 324 | 9.5 | 9.5 | 342 | 10.5 | 11.0 | 216 | 256 | 5.0 | 5.5 | 578 | 304 |
| 3/19/2020 | 7.0 | 7.5 | 329 | 9.5 | 9.5 | 328 | 10.5 | 11.0 | 255 | 214 | 5.0 | 5.5 | 577 | 302 |
| 4/16/2020 | 7.5 | 7.5 | 330 | 9.5 | 9.5 | 337 | 10.5 | 11.0 | 251 | 212 | 5.5 | 5.5 | 577 | 303 |
| 5/6/2020 | 7.0 | 7.5 | 322 | 9.5 | 9.5 | 331 | 10.5 | 11.0 | 251 | 214 | 5.5 | 5.5 | 575 | 305 |
| 6/9/2020 | 7.0 | 7.5 | 327 | 9.5 | 9.5 | 335 | 11.0 | 1.5 | 240 | 206 | 5.5 | 5.5 | 576 | 303 |
| 7/9/2020 | 7.5 | 7.5 | 323 | 9.5 | 9.5 | 340 | 11.5 | 12.0 | 0 | 221 | 5.5 | 5.5 | 568 | 303 |
| 8/28/2020 | 7.0 | 7.0 | 322 | 9.5 | 9.5 | 337 | 11.5 | 12.0 | 0 | 216 | 5.5 | 5.5 | 571 | 305 |
| 9/18/2020 | 7.5 | 7.5 | 322 | 9.5 | 9.5 | 340 | 11.5 | 11.5 | 0 | 220 | 5.5 | 5.5 | 576 | 304 |
| 10/30/2020 | 7.5 | 7.5 | 324 | 9.5 | 9.5 | 339 | 11.0 | 11.5 | 0 | 224 | 5.5 | 5.5 | 578 | 303 |
| 11/24/2020 | 7.0 | 7.5 | 325 | 9.5 | 9.5 | 344 | 11.0 | 11.0 | 0 | 237 | 5.5 | 5.5 | 581 | 303 |
| 12/2/2020 | 7.0 | 7.5 | 324 | 9.5 | 9.5 | 348 | 11.0 | 11.0 | 0 | 236 | 5.5 | 5.5 | 581 | 304 |

**Notes:**
Pre - Reading taken before air filter.
Post - Reading taken after air filter.
Riser - Flow reading taken before dilution valve.
Total - flow reading taken after dilution valve.
* Zone 3 - Although the system and motor were operational, the well flow meter sensor was non-functional and a reading could not be taken

# APPENDICES

# Appendix A - Site Cover Inspection Log and Photographs

**SITE CAP INSPECTION FORM**
**QUEENS WEST PARCEL 11**
**50th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**Inspector:** Denise Cosenza

**Date:** 12-2-2020

**1. Courtyard/landscaped areas:**

Adequate top soil cover present?

YES

Signs of erosion?

NO

Recommended corrective action:

NONE

**2. Outdoor paving/sidewalks:**

Note any signs of cracking or other damage:

None

Note any areas where greater than 25% of surface is cracked/damaged:

None

Recommended corrective action:

None

**3. Lower level garage slab:**

Note any signs of cracking or other damage:

- ATC observed minimal hair line cracks in the lower garage
- Cracks were not significant

Note any areas where greater than 25% of surface is cracked/damaged:

None

Recommended corrective action:

None

**Comments (attach photos/sketches to illustrate any damage noted):**

See attached photographs

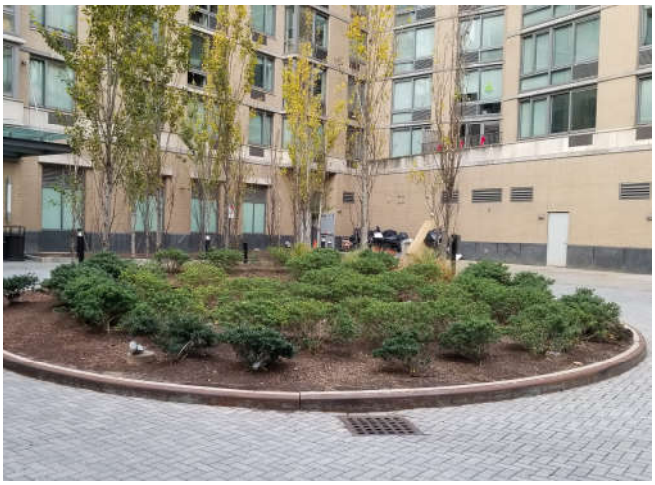


Photo 1: View of typical landscaping and paving in courtyard.



Photo 2: View of typical landscaping in courtyard

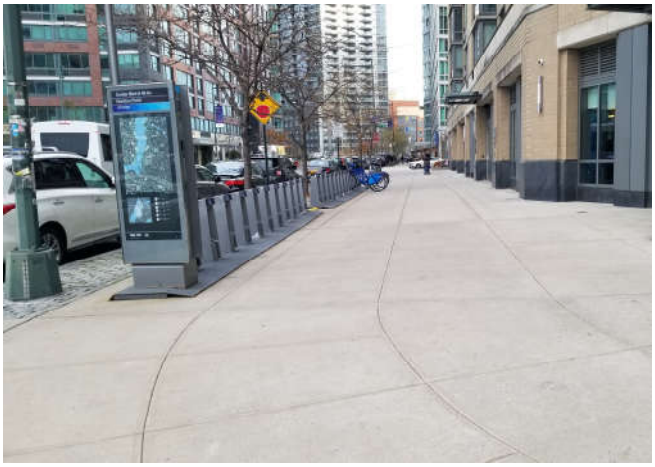


Photo 3: View of paving along Center Blvd. looking north from Center Blvd & 48th Ave. intersection.



Photo 4: View of typical landscaping and paving along 5th Street looking south from 47th Rd. & 5th St. intersection.



Photo 5: View of typical landscaping and paving along 47th Rd. looking east from 47th Rd. & Center Blvd. intersection.



Photo 6: View of typical landscaping and paving along 48th Ave. looking towards east @ entrance.




Photo 7: View of Zone 3 Equipment.



Photo 8: View of typical condition of concrete slab in parking garage.



Photo 9: View of Zone 4 Equipment.



Photo 10: View of Zone 2 Equipment.



Photo 11: View of Zone 1 Equipment.

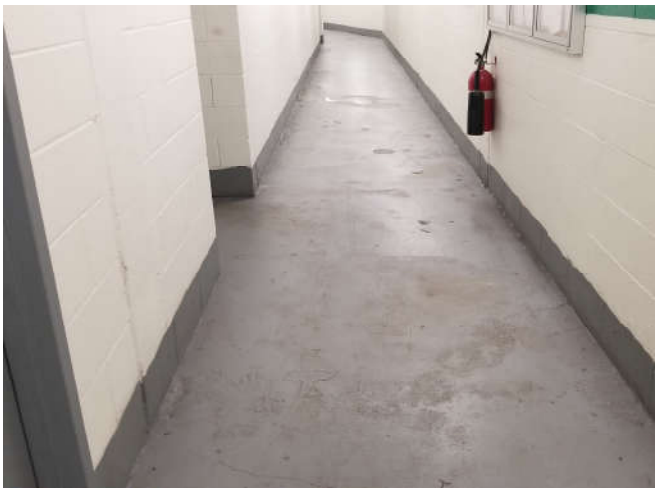


Photo 12: General view of interior concrete slab.

# Appendix B - Vapor Mitigation System Inspection Logs

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: Denise Cosera | Date: 1/16/20 |
| Time IN: 730 | Time OUT: 830 |

GENERAL

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

FLOW RATES

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 103,647.6 | 334 |
| Zone 2 | 106,223.2 | 351 |
| Zone 3 | 104,089.6 | TOTAL 214 / WELL 255 |
| Zone 4 | 105,369.2 | 302 / 583 |

Comments:

*Notes:*
*1. Blower flow rates should be ~250 cfm*

VACUUM READINGS (at particulate filter) (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.5 | 7.5 | 0 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 10.5 | 11.0 | 0.5 | NO | | | |
| Zone 4 | 5.0 | 5.5 | 0.5 | NO | | | |

Comments:

*Notes:*
*1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.*

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: Denise Cosenza | Date: 2/27/2020 |
| Time IN: 1100 | Time OUT: 1200 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 104,656.0 | 324 |
| Zone 2 | 107,231.5 | 342 |
| Zone 3 | 105,100.1 | TOP 256 / MET 216 |
| Zone 4 | 106,377.1 | 304 / 578 |

**Comments:**

***Notes:***

***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS (at particulate filter)**

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | (after filter change) Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 10.5 | 11.0 | 0.5 | NO | | | |
| Zone 4 | 5.0 | 5.5 | 0.5 | NO | | | |

**Comments:**

***Notes:***

***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: denise cosenza | Date: 3/19/2020 |
| Time IN: 700 | Time OUT: 800 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 105156.0 | 329 |
| Zone 2 | 107731.6 | 328 |
| Zone 3 | 105,604.4 | WELL 255 / TOTAL 214 |
| Zone 4 | 106,877.9 | 577 / 302 |

Comments:

*Notes:*
*1. Blower flow rates should be ~250 cfm*

**VACUUM READINGS (at particulate filter)**

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | (after filter change) Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 10.5 | 11 | 0.5 | NO | | | |
| Zone 4 | 5.0 | 5.5 | 0.5 | NO | | | |

Comments:

*Notes:*
*1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.*

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: D. Cosenza | Date: 4/16/2020 |
| Time IN: 800 | Time OUT: 930 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 105,827.1 | 330 |
| Zone 2 | 108,404.0 | 337 |
| Zone 3 | 106272.8 | TOTAL 212 / WELL 251 |
| Zone 4 | 107,549.9 | 303 / 577 |

**Comments:**

***Notes:***
***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS (at particulate filter)** (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.5 | 7.5 | 0 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 10.5 | 11 | 0.5 | NO | | | |
| Zone 4 | 5.5 | 5.5 | 0 | NO | | | |

**Comments:**

***Notes:***
***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: Derek Cosma | Date: 5/6/2020 |
| Time IN: 2:30 | Time OUT: 3:30 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 106,309 | 322 |
| Zone 2 | 108,884.0 | 331 |
| Zone 3 | 106,746.3 | TOTAL 214 / WELL 251 |
| Zone 4 | 108,079.7 | 305 / 575 |

**Comments:**

***Notes:***

***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS (at particulate filter)** (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 10.5 | 11.0 | 0.5 | NO | | | |
| Zone 4 | 5.5 | 5.5 | 0 | NO | | | |

**Comments:**

***Notes:***

***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: J. COSENZA | Date: 6.9.2020 |
| Time IN: 11:20 | Time OUT: 12:00 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) | |
|---|---|---|---|
| Zone 1 | 107,127.8 | 327 | |
| Zone 2 | 109,703.5 | 335 | |
| Zone 3 | 107,572.8 | TOTAL 206 | WELL 240 |
| Zone 4 | 108,849.3 | 303 | 576 |

**Comments:**

***Notes:***
***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS** (at particulate filter) (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | No | | | |
| Zone 2 | 9.5 | 9.5 | 0 | No | | | |
| Zone 3 | 11.0 | 11.5 | 0.5 | No | | | |
| Zone 4 | 5.5 | 5.5 | 0 | No | | | |

**Comments:**

***Notes:***
***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | | | |
|---|---|---|---|
| Inspector Name: | Denise Correa | Date: | 7-9-2020 |
| Time IN: | 1100 | Time OUT: | 1200 |

GENERAL

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

FLOW RATES

| Location | Run Time (hours) | Flow Rate (cfm) | |
|---|---|---|---|
| Zone 1 | 107847.4 | 323 | |
| Zone 2 | 110423.1 | 340 | |
| Zone 3 | 108292.4 | WELL 0 / TOTAL 221 | |
| Zone 4 | 109568.0 | 568 | 303 |

Comments:

*Notes:*
*1. Blower flow rates should be ~250 cfm*

VACUUM READINGS (at particulate filter) (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.5 | 7.5 | 0 | | | | |
| Zone 2 | 9.5 | 9.5 | 0 | | | | |
| Zone 3 | 11.5 | 12.0 | 0.5 | | | | |
| Zone 4 | 5.5 | 5.5 | 0 | | | | |

Comments:
Well flow gauge Zone 3 - 0 reading sensor malfunction

*Notes:*
*1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.*

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| **Inspector Name:** Denise Cosenza | **Date:** August 28, 2020 |
| **Time IN:** 300 | **Time OUT:** 400 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 109,047.7 | 322 |
| Zone 2 | 1116,23.5 | 337 |
| Zone 3 | 109,493.1 | 316 TOTAL / WELL 0 |
| Zone 4 | 110769.0 | 305 / 571 |

**Comments:**

***Notes:***
***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS (at particulate filter)** (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.0 | 0 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 11.5 | 12 | 0.5 | NO | | | |
| Zone 4 | 5.5 | 5.5 | 0 | NO | | | |

**Comments:**

Zone 3 - WELL GAUGE MALFUNCTIONING SENSOR

***Notes:***
***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| **Inspector Name:** DiGioseza | **Date:** SEPTEMBER 18, 2020 |
| **Time IN:** 2:30 | **Time OUT:** 3:55 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 109,554.9 | 322 |
| Zone 2 | 112,130.2 | 340 |
| Zone 3 | 109,545 | WELL 0 / TOTAL 320 |
| Zone 4 | 111,276.2 | 576 / 304 |

**Comments:**

***Notes:***
***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS (at particulate filter)**

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | (after filter change) Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.5 | 7.5 | 0 | No | | | |
| Zone 2 | 9.5 | 9.5 | 0 | No | | | |
| Zone 3 | 11.5 | 11.5 | 0 | No | | | |
| Zone 4 | 5.5 | 5.5 | 0 | No | | | |

**Comments:**
WELL Flowgauge IN Zone 3 reading Zero — Sensor malfunction

***Notes:***
***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | |
|---|---|
| Inspector Name: Denise Cosenza | Date: 10.30.2020 |
| Time IN: 800 | Time OUT: 900 |

GENERAL

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

FLOW RATES

| Location | Run Time (hours) | Flow Rate (cfm) |
|---|---|---|
| Zone 1 | 110,556.4 | 324 |
| Zone 2 | 113,132.2 | 339 |
| Zone 3 | 111,001.5 | WELL / TOTAL 22.4 |
| Zone 4 | 112,278.0 | 578 / 303 |

Comments:

*Notes:*
*1. Blower flow rates should be ~250 cfm*

VACUUM READINGS (at particulate filter) (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | No | | | |
| Zone 2 | 9.5 | 9.5 | 0 | No | | | |
| Zone 3 | 11.0 | 11.5 | 0.5 | No | | | |
| Zone 4 | 5.5 | 5.5 | 0 | No | | | |

Comments: WELL flow gauge sensor not working - No reading Zone 3

*Notes:*
*1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.*

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | | | |
|---|---|---|---|
| Inspector Name: | Denise Casenza | Date: | 11-24-20 |
| Time IN: | 8:00 | Time OUT: | 9:00 |

GENERAL

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

FLOW RATES

| Location | Run Time (hours) | Flow Rate (cfm) | |
|---|---|---|---|
| Zone 1 | 111,180.7 | 325 | |
| Zone 2 | 113,756.4 | 344 | |
| Zone 3 | 111,625.7 | TOTAL 237 | WELL 0 |
| Zone 4 | 112,902.1 | 303 | 581 |

Comments:

*Notes:*
*1. Blower flow rates should be ~250 cfm*

VACUUM READINGS (at particulate filter) (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 11 | 11 | 0 | NO | | | |
| Zone 4 | 5.5 | 5.5 | 0 | NO | | | |

Comments:
Zone 3 - WELL GAUGE READING ZERO - SENSOR MALFUNCTION

*Notes:*
*1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.*

PERIODIC INSPECTION FORM
PARCEL 9 VAPOR MITIGATION SYSTEM
48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

| | | | |
|---|---|---|---|
| **Inspector Name:** | denise cosenza | **Date:** | december 2, 2020 |
| **Time IN:** | 930 | **Time OUT:** | 1030 |

**GENERAL**

Are there any leaks in system? yes or no (circle one)

If yes, plans for repair:

Are daily system checks being completed? yes or no (circle one)

If no, corrective actions taken:

**FLOW RATES**

| Location | Run Time (hours) | Flow Rate (cfm) | |
|---|---|---|---|
| Zone 1 | 111,339.2 | 324 | |
| Zone 2 | 113,925.8 | 348 | |
| Zone 3 | 111,790.5 | TOTAL 236 | WELL 0 |
| Zone 4 | 113,071.7 | 304 | 581 |

**Comments:**

***Notes:***
***1. Blower flow rates should be ~250 cfm***

**VACUUM READINGS (at particulate filter)** (after filter change)

| | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ | Filter Changed? | Inlet "$H_2O$ | Oulet "$H_2O$ | Differential "$H_2O$ |
|---|---|---|---|---|---|---|---|
| Zone 1 | 7.0 | 7.5 | 0.5 | NO | | | |
| Zone 2 | 9.5 | 9.5 | 0 | NO | | | |
| Zone 3 | 11.0 | 11.0 | 0 | NO | | | |
| Zone 4 | 5.5 | 5.5 | 0 | NO | | | |

**Comments:**
WELL GAUGE READS ZERO IN Zone 3 — SENSOR MALFUNCTION

***Notes:***
***1. If differential (inlet-outlet pressure) > 3 "$H_2O$ above normal conditions, change out filter.***

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: (1) 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| BRIAN N. | 1/2/20 | ☑ ON ☐ OFF | 03309.8 | 328 | 7 - 7.5 |
| Howard M | 1-6-2 | ☑ ON ☐ OFF | 03406.7 | 327 | 7 - 7.5 |
| Howard M. | 1-7-20 | ☑ ON ☐ OFF | 03430.0 | 327 | 7 - 7.5 |
| PHILIP. C | 1-8-2020 | ☑ ON ☐ OFF | 03457.0 | 327 | 7 - 7.5 |
| Howard M | 1-9-20 | ☑ ON ☐ OFF | 03481.6 | 330 | 7 - 7.5 |
| Howard M | 1-10-20 | ☑ ON ☐ OFF | 03505.9 | 326 | 7 - 7.5 |
| Howard M | 1-13-20 | ☑ ON ☐ OFF | 03571.6 | 328 | 7 - 7.5 |
| Howard M | 1-14-20 | ☑ ON ☐ OFF | 03598.1 | 329 | 6 - 6.5 |
| Howard M | 1-15-20 | ☑ ON ☐ OFF | 03621.7 | 330 | 7 - 7.5 |
| Denise C. | 1-16-20 | ☑ ON ☐ OFF | 03647.6 | 334 | 7.5 - 7.5 |
| MIKE D | 1-17-20 | ☑ ON ☐ OFF | 03670.8 | 332 | 7 - 7.5 |
| Howard M. | 1-19-20 | ☑ ON ☐ OFF | 03718.1 | 330 | 7 - 7.5 |
| PHILIP. C | 1-21-20 | ☑ ON ☐ OFF | 03765.1 | 327 | 7 - 7.5 |
| PHILIP. C | 1-22-20 | ☑ ON ☐ OFF | 03789.1 | 328 | 7 - 7.5 |
| Howard M | 1-23-20 | ☑ ON ☐ OFF | 03813.2 | 330 | 7 - 7.5 |
| Howard M | 1-24-20 | ☑ ON ☐ OFF | 03858.1 | 327 | 7 - 7.5 |
| | | ☐ ON ☐ OFF | | |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: (1) 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| Howard M | 1-26-20 | ☑ ON ☐ OFF | 03886.2 | 342 7-7.5 |
| Howard M | 1-27-20 | ☑ ON ☐ OFF | 03910.2 | 330 7-7.5 |
| Howard M | 1-28-20 | ☑ ON ☐ OFF | 03934.5 | 328 7-7.5 |
| PHILIP. C | 1-29-20 | ☑ ON ☐ OFF | 03957.3 | 325 7-7.5 |
| PHILIP. C | 1-30-20 | ☑ ON ☐ OFF | 03981.3 | 326 7-7.5 |
| Howard M | 2-2-20 | ☑ ON ☐ OFF | 04050.2 | 325 7-7.5 |
| Howard M | 2-3-20 | ☑ ON ☐ OFF | 04078.6 | 326 7-7.5 |
| Howard M | 2-4-20 | ☑ ON ☐ OFF | 04126.1 | 324 7-7.5 |
| Howard M | 2-5-20 | ☑ ON ☐ OFF | 04131.2 | 523 7-7.5 |
| Howard M | 2-6-20 | ☑ ON ☐ OFF | 04157.3 | 330 7-7.5 |
| Howard M | 2-9-20 | ☑ ON ☐ OFF | 04220.9 | 328 7-7.5 |
| Howard M | 2-10-20 | ☑ ON ☐ OFF | 04245.8 | 327 7-7.5 |
| Howard M | 2-11-20 | ☑ ON ☐ OFF | 04289.5 | 324 7-7.5 |
| Howard M | 2-12-20 | ☑ ON ☐ OFF | 04299.9 | 330 7-7.5 |
| Howard M | 2-13-20 | ☑ ON ☐ OFF | 04319.6 | 325 7-7.5 |
| Howard M | 2-16-20 | ☑ ON ☐ OFF | 04438.6 | 324 7-7.5 |
| Howard M | 2-18-20 | ☑ ON ☐ OFF | 04443.3 | 327 7-7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: (1) 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
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3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| Howard M | 2-19-20 | ☑ ON ☐ OFF | 04461.0 | 328 7-7.5 |
| Howard M | 2-20-20 | ☑ ON ☐ OFF | 04486.2 | 327 7-7.5 |
| Howard M | 2-23-20 | ☑ ON ☐ OFF | 04557.3 | 325 7-7.5 |
| Howard M | 2-24-20 | ☑ ON ☐ OFF | 04582.2 | 326 7-7.5 |
| Howard M | 2-25-20 | ☑ ON ☐ OFF | 04606.5 | 328 7-7.5 |
| Howard M | 2-26-20 | ☑ ON ☐ OFF | 04630.4 | 327 7-7.5 |
| Denise | 2-27-20 | ☑ ON ☐ OFF | 04656.0 | 324 7-7.5 |
| Howard M | 3-1-20 | ☑ ON ☐ OFF | 04723.7 | 326 7-7.5 |
| Howard M | 3-2-20 | ☑ ON ☐ OFF | 04749.6 | 325 7-7.5 |
| Howard M | 3-3-20 | ☑ ON ☐ OFF | 04774.1 | 326 7-7.5 |
| Howard M | 3-4-20 | ☑ ON ☐ OFF | 04797.5 | 325 7-7.5 |
| Howard M | 3-5-20 | ☑ ON ☐ OFF | 04822.1 | 327 7-7.5 |
| Howard M | 3-8-20 | ☑ ON ☐ OFF | 04891.3 | 325 7-7.5 |
| Howard M | 3-9-20 | ☑ ON ☐ OFF | 04917.2 | 326 7-7.5 |
| Howard M | 3-10-20 | ☑ ON ☐ OFF | 04938.7 | 324 7-7.5 |
| Howard M | 3-11-20 | ☑ ON ☐ OFF | 04964.9 | 325 7-7.5 |
| Howard M | 3-12-20 | ☑ ON ☐ OFF | 04989.8 | 324 7-7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: (1) 2 3 4 (Circle One)

Readings/Observations to be recorded by AvalonBay Site Representative.

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
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4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| Howard M | 3-15-20 | ☑ ON ☐ OFF | 05066.5 | 329 7-7.5 |
| Howard M | 3-16-20 | ☑ ON ☐ OFF | 05091.1 | 328 7-7.5 |
| Howard M | 3-17-20 | ☑ ON ☐ OFF | 05109.1 | 330 7-7.5 |
| Denise C | 3-19-20 | ☑ ON ☐ OFF | 05156.0 | 329 7-7.5 |
| Howard M | 3-22-20 | ☑ ON ☐ OFF | 05226.9 | 330 7-7.5 |
| Howard M | 3-23-20 | ☑ ON ☐ OFF | 05252.8 | 328 7-7.5 |
| Howard M | 3-24-20 | ☑ ON ☐ OFF | 05277.2 | 329 7-7.5 |
| Howard M | 3-25-20 | ☑ ON ☐ OFF | 05283.4 | 330 7-7.5 |
| Howard M | 3-29-20 | ☑ ON ☐ OFF | 05399.9 | 329 7-7.5 |
| Howard M | 3-30-20 | ☑ ON ☐ OFF | 05420.5 | 330 7-7.5 |
| Howard M | 3-31-20 | ☑ ON ☐ OFF | 05445.8 | 328 7-7.5 |
| Howard M | 4-2-20 | ☑ ON ☐ OFF | 05493.2 | 329 7-7.5 |
| Howard M | 4-3-20 | ☑ ON ☐ OFF | 05515.6 | 327 7-7.5 |
| Howard M | 4-5-20 | ☑ ON ☐ OFF | 05562.7 | 329 7-7.5 |
| Howard M | 4-6-20 | ☑ ON ☐ OFF | 05589.3 | 329 7-7.5 |
| Howard M | 4-7-20 | ☑ ON ☐ OFF | 05612.3 | 324 7-7.5 |
| Howard M | 4-8-20 | ☑ ON ☐ OFF | 05637.1 | 329 7-7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: (1) 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 5-12-20 | ☑ ON ☐ OFF | 06453.0 | 329 | 7 | 7.5 |
| Howard M | 5-13-20 | ☑ ON ☐ OFF | 06476.3 | 330 | 7 | 7.5 |
| Howard M | 5-18-20 | ☑ ON ☐ OFF | 06571.6 | 327 | 7 | 7.5 |
| Howard M | 5-18-20 | ☑ ON ☐ OFF | 06597.4 | 324 | 7 | 7.5 |
| Howard M | 5-19-20 | ☑ ON ☐ OFF | 06622.2 | 330 | 7 | 7.5 |
| Howard M | 5-20-20 | ☑ ON ☐ OFF | 06647.7 | 326 | 7 | 7.5 |
| Howard M | 5-21-20 | ☑ ON ☐ OFF | 06673.1 | 328 | 7 | 7.5 |
| Howard M | 5-24-20 | ☑ ON ☐ OFF | 06722.5 | 329 | 7 | 7.5 |
| Howard M | 5-26-20 | ☑ ON ☐ OFF | 06786.9 | 327 | 7 | 7.5 |
| Howard M | 5-27-20 | ☑ ON ☐ OFF | 06812.0 | 326 | 7 | 7.5 |
| Howard M | 5-31-20 | ☑ ON ☐ OFF | 06907.5 | 327 | 7 | 7.5 |
| Howard M | 6-1-20 | ☑ ON ☐ OFF | 06932.4 | 327 | 7 | 7.5 |
| Howard M | 6-2-20 | ☑ ON ☐ OFF | 06957.2 | 326 | 7 | 7.5 |
| Denise C | 6-9-20 | ☑ ON ☐ OFF | 07,127.8 | 327 | 7 | 7.5 |
| Howard M | 6-10-20 | ☑ ON ☐ OFF | 07148.7 | 326 | 7 | 7.5 |
| | | ☐ ON ☐ OFF | | | | |
| | | ☐ ON ☐ OFF | | | | |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
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4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| Howard M | 6-11-20 | ☑ ON ☐ OFF | 07173.5 | 328 7.-7.5 |
| Howard M | 6-14-20 | ☑ ON ☐ OFF | 07250.0 | 326 7.-7.5 |
| Howard M | 6-15-20 | ☑ ON ☐ OFF | 07270.8 | 327 7 - 7.5 |
| Howard M | 6-16-20 | ☑ ON ☐ OFF | 07293.2 | 325 7 - 7.5 |
| Howard M | 6-17-20 | ☑ ON ☐ OFF | 07322.5 | 324 7 - 7.5 |
| Howard M | 6-18-20 | ☑ ON ☐ OFF | 07341.2 | 326 7. 7.5 |
| Howard M | 6-21-20 | ☑ ON ☐ OFF | 07412.6 | 327 7 - 7.5 |
| Howard M | 6-22-20 | ☑ ON ☐ OFF | 07437.0 | 328 7 - 7.5 |
| Howard M | 6-23-20 | ☑ ON ☐ OFF | 07462.3 | 325 7 7.5 |
| Howard M | 6-24-20 | ☑ ON ☐ OFF | 07484.9 | 324 7. 7.5 |
| Howard M | 6-25-20 | ☑ ON ☐ OFF | 07509.2 | 323 7 - 7.5 |
| Howard M | 6-28-20 | ☑ ON ☐ OFF | 07572.8 | 324 7 - 7.5 |
| Howard M | 6-29-20 | ☑ ON ☐ OFF | 07598.6 | 328 7 - 7.5 |
| Howard M | 6-30-20 | ☑ ON ☐ OFF | 07623.2 | 326 7 - 7.5 |
| Howard M | 7-1-20 | ☑ ON ☐ OFF | 07653.9 | 329 7 - 7.5 |
| Howard M | 7-2-20 | ☑ ON ☐ OFF | 07676.3 | 324 7 - 7.5 |
| Howard M | 7-6-20 | ☑ ON ☐ OFF | 07772.3 | 322 7 - 7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: (1) 2 3 4 (Circle One)

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5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 7-7-20 | ☑ ON ☐ OFF | 07795.0 | 323 | 7 | 7.5 |
| Howard M | 7-8-20 | ☑ ON ☐ OFF | 07820.8 | 325 | 7 | 7.5 |
| Howard M | 7-9-20 | ☑ ON ☐ OFF | 07844.2 | 329 | 7 | 7.5 |
| Howard M | 7-12-20 | ☑ ON ☐ OFF | 07914.0 | 324 | 7 | 7.5 |
| Howard M | 7-13-20 | ☑ ON ☐ OFF | 07939.8 | 323 | 7 | 7.5 |
| Howard M | 7-14-20 | ☑ ON ☐ OFF | 07965.1 | 324 | 7 | 7.5 |
| Howard M | 7-15-20 | ☑ ON ☐ OFF | 07990.2 | 323 | 7 | 7.5 |
| Howard M | 7-16-20 | ☑ ON ☐ OFF | 08014.3 | 324 | 7 | 7.5 |
| Howard M | 7-19-20 | ☑ ON ☐ OFF | 08086.5 | 322 | 7 | 7.5 |
| Howard M | 7-20-20 | ☑ ON ☐ OFF | 08110.7 | 325 | 7 | 7.5 |
| Howard M | 7-21-20 | ☑ ON ☐ OFF | 08125.6 | 326 | 7 | 7.5 |
| Howard M | 7-22-20 | ☑ ON ☐ OFF | 08158.3 | 322 | 7 | 7.5 |
| Howard M | 7-23-20 | ☑ ON ☐ OFF | 08180.9 | 326 | 7 | 7.5 |
| Howard M | 7-26-20 | ☑ ON ☐ OFF | 08851.0 | 324 | 7 | 7.5 |
| Howard M | 7-27-20 | ☑ ON ☐ OFF | 08277.3 | 323 | 7 | 7.5 |
| Howard M | 7-29-20 | ☑ ON ☐ OFF | 08301.1 | 322 | 7 | 7.5 |
| Howard M | 7-30-20 | ☑ ON ☐ OFF | 08325.6 | 326 | 7 | 7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: (1) 2 3 4 (Circle One)

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5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 8-3-20 | ☑ ON ☐ OFF | 08445.3 | 322 | 7 | 7.5 |
| Howard M | 8-4-20 | ☑ ON ☐ OFF | 08469.0 | 324 | 7 | 7.5 |
| Howard M | 8-5-20 | ☑ ON ☐ OFF | 08493.1 | 323 | 7 | 7.5 |
| Howard M | 8-6-20 | ☑ ON ☐ OFF | 08517.7 | 325 | 7 | 7.5 |
| Howard M | 8-9-20 | ☑ ON ☐ OFF | 08590.4 | 323 | 7 | 7.5 |
| Howard M | 8-10-20 | ☑ ON ☐ OFF | 08614.0 | 324 | 7 | 7.5 |
| Howard M | 8-11-20 | ☑ ON ☐ OFF | 08638.2 | 325 | 7 | 7.5 |
| Howard M | 8-12-20 | ☑ ON ☐ OFF | 08662.1 | 323 | 7 | 7.5 |
| Howard M | 8-13-20 | ☑ ON ☐ OFF | 08687.0 | 324 | 7 | 7.5 |
| Howard M | 8-17-20 | ☑ ON ☐ OFF | 08780.4 | 322 | 7 | 7.5 |
| Howard M | 8-18-20 | ☑ ON ☐ OFF | 08804.3 | 323 | 7 | 7.5 |
| Howard M | 8-19-20 | ☑ ON ☐ OFF | 08829.2 | 322 | 7 | 7.5 |
| Howard M | 8-20-20 | ☑ ON ☐ OFF | 08853.7 | 324 | 7 | 7.5 |
| Howard M | 8-23-20 | ☑ ON ☐ OFF | 08925.1 | 323 | 7 | 7.5 |
| Howard M | 8-24-20 | ☑ ON ☐ OFF | 08949.0 | 322 | 7 | 7.5 |
| DCoseza | 8 28 20 | ☑ ON ☐ OFF | 09047.7 | 322 | 7 | 7.0 |
| Howard M | 8-30-20 | ☑ ON ☐ OFF | 09090.2 | 324 | 7 | 7.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: (1) 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
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4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
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| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 8-31-20 | ☑ ON ☐ OFF | 09118.0 | 323 | 7 - | 7.5 |
| Howard M | 9-2-20 | ☑ ON ☐ OFF | 09167.2 | 324 | 7 | 7.5 |
| Howard M | 9-3-20 | ☑ ON ☐ OFF | 09191.0 | 322 | 7 | 7.5 |
| Howard M | 9-6-20 | ☑ ON ☐ OFF | 09253.1 | 324 | 7 | 7.5 |
| Howard M | 9-8-20 | ☑ ON ☐ OFF | 09309.2 | 323 | 7 | 7.5 |
| Howard M | 9-9-20 | ☑ ON ☐ OFF | 09333.0 | 324 | 7 | 7.5 |
| Howard M | 9-10-20 | ☑ ON ☐ OFF | 09357.5 | 322 | 7 | 7.5 |
| Howard M | 9-14-20 | ☑ ON ☐ OFF | 09381.2 | 323 | 7 | 7.5 |
| Howard M | 9-15-20 | ☑ ON ☐ OFF | 09505.3 | 324 | 7 | 7.5 |
| Howard M | 9-16-20 | ☑ ON ☐ OFF | 09529.4 | 322 | 7 | 7.5 |
| Deuse C | 9-18-20 | ☑ ON ☐ OFF | 09554.9 | 322 | 7.5 | 7.5 |
| Howard M | 9-21-20 | ☑ ON ☐ OFF | 09622.2 | 324 | 7 | 7.5 |
| Howard M | 9-22-20 | ☑ ON ☐ OFF | 09646.8 | 323 | 7 | 7.5 |
| Howard M | 9-23-20 | ☑ ON ☐ OFF | 09669.6 | 322 | 7 | 7.5 |
| Howard M | 9-24-20 | ☑ ON ☐ OFF | 09693.4 | 323 | 7 | 7.5 |
| Howard M | 9-28-20 | ☑ ON ☐ OFF | 09789.2 | 323 | 7 | 7.5 |
| Howard M | 9-29-20 | ☑ ON ☐ OFF | 09815.2 | 325 | 7 | 7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
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4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
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| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | |
|---|---|---|---|---|---|
| Denise C | 10.30.20 | ☐ ON ☐ OFF | 10556.4 | 324 | 7.0 - 7.5 |
| Howard M | 11.1.20 | ☑ ON ☐ OFF | 10570.2 | 326 | 7 7.5 |
| Howard M | 11.2.20 | ☑ ON ☐ OFF | 10594.3 | 320 | 7 7.5 |
| Howard M | 11.3.20 | ☑ ON ☐ OFF | 10620.2 | 324 | 7 7.5 |
| Howard M | 11.4.20 | ☑ ON ☐ OFF | 10644.9 | 322 | 7 7.5 |
| Howard M | 11.9.20 | ☑ ON ☐ OFF | 10785.5 | 326 | 7 7.5 |
| Howard M | 11.10.20 | ☑ ON ☐ OFF | 10809.1 | 324 | 7 7.5 |
| Howard M | 11.11.20 | ☑ ON ☐ OFF | 10833.6 | 322 | 7 7.5 |
| Howard M | 11.12.20 | ☑ ON ☐ OFF | 10857.0 | 326 | 7 7.5 |
| Howard M | 11.16.20 | ☑ ON ☐ OFF | 10966.6 | 324 | 7 7.5 |
| Denise C | 11.24.20 | ☑ ON ☐ OFF | 11180.7 | 325 | 7.0 - 7.5 |
| Howard M | 11.25.20 | ☑ ON ☐ OFF | 11182.1 | 326 | 7.0 - 7.5 |
| Howard M | 11.29.20 | ☑ ON ☐ OFF | 11278.5 | 322 | 7.0 7.5 |
| Howard M | 11.30.20 | ☑ ON ☐ OFF | 11301.2 | 324 | 7.0 7.5 |
| Howard M | 12.1.20 | ☑ ON ☐ OFF | 11326.0 | 325 | 7.0 7.5 |
| Denise C | 12.2.20 | ☑ ON ☐ OFF | 11350.1 | 326 | 7.0 - 7.5 |
| Howard M | 12.3.2 | ☑ ON ☐ OFF | 11339.2 | 324 | 7.0 - 7.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
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| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 12-7-20 | ☑ ON ☐ OFF | 11350.9 | 330 | 7 | 7.5 |
| Howard M | 12-9-20 | ☑ ON ☐ OFF | 11368.2 | 326 | 7 | 7.5 |
| Howard M | 12-10-20 | ☑ ON ☐ OFF | 11373.4 | 325 | 7 | 7.5 |
| Howard M | 12.11.20 | ☑ ON ☐ OFF | 11397.0 | 324 | 7 | 7.5 |
| Howard M | 12-13-20 | ☑ ON ☐ OFF | 11446.7 | 326 | 7 | 7.5 |
| Howard M | 12-14-20 | ☑ ON ☐ OFF | 11470.3 | 324 | 7 | 7.5 |
| Howard M | 12-15-20 | ☑ ON ☐ OFF | 11494.5 | 325 | 7 | 7.5 |
| Howard M | 12.16.20 | ☑ ON ☐ OFF | 11508.2 | 324 | 7 | 7.5 |
| Howard M | 12.20.20 | ☑ ON ☐ OFF | 11613.3 | 326 | 7 | 7.5 |
| Howard M | 12.21.20 | ☑ ON ☐ OFF | 11637.6 | 325 | 7 | 7.5 |
| Howard M | 12-22-20 | ☑ ON ☐ OFF | 11661.2 | 324 | 7 | 7.5 |
| Howard M | 12-23-20 | ☑ ON ☐ OFF | 11685.1 | 326 | 7 | 7.5 |
| Howard M | 12-27-20 | ☑ ON ☐ OFF | 11709.9 | 325 | 7 | 7.5 |
| Howard M | 12-28-20 | ☑ ON ☐ OFF | 11733.3 | 324 | 7 | 7.5 |
| Howard M | 12-29-20 | ☑ ON ☐ OFF | 11758.0 | 324 | 7 | 7.5 |
| Howard M | 12-30-20 | ☑ ON ☐ OFF | 11783.5 | 325 | 7 | 7.5 |
| Cesar Lazcano | 01/04/2021 | ☑ ON ☐ OFF | 11973.3 | 326 | 7 | 7.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 (2) 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| BRIAN N. | 1/2/20 | ☑ ON ☐ OFF | 05885.3 | 340 9.5 — 9.5 |
| Howard M. | 1-6-20 | ☑ ON ☐ OFF | 05980.1 | 340 9.5 - 9.5 |
| Howard M. | 1/7/20 | ☑ ON ☐ OFF | 06005.5 | 340 9.5 - 9.5 |
| PHILIP. C | 1/8/2020 | ☑ ON ☐ OFF | 06027.8 | 358 9.5 - 9.5 |
| HOWARD M | 1-9-2020 | ☑ ON ☐ OFF | 06051.2 | 340 9.5 - 9.5 |
| Howard M | 1-10-2020 | ☑ ON ☐ OFF | 06076.1 | 351 9.5 - 9.5 |
| Howard M | 1-13-20 | ☑ ON ☐ OFF | 06100.7 | 356 9.5 - 9.5 |
| Howard M | 1-14-20 | ☑ ON ☐ OFF | 06173.5 | 348 9.5 - 9.5 |
| Howard M | 1-15-20 | ☑ ON ☐ OFF | 06197.5 | 349 9.5 - 9.5 |
| DENISE C | 1-16-20 | ☑ ON ☐ OFF | 06223.2 | 351 9.5 - 9.5 |
| MIKE D | 1-17-20 | ☑ ON ☐ OFF | 06246.4 | 343 9.5 - 9.5 |
| Howard M | 1-19-20 | ☑ ON ☐ OFF | 06293.8 | 347 9.5 - 9.5 |
| PHILIP C | 1-21-20 | ☑ ON ☐ OFF | 06341.0 | 336 9.5 - 9.5 |
| PHILIP. C | 1-22-20 | ☑ ON ☐ OFF | 06365.1 | 342 9.5 - 9.5 |
| PHILIP. C | 1-23-20 | ☑ ON ☐ OFF | 06390.5 | 337 9-5 - 9.5 |
| Howard M | 1-24-20 | ☑ ON ☐ OFF | 06415.1 | 335 9-5 - 9.5 |
| Howard M | 1-26-20 | ☑ ON ☐ OFF | 06459.2 | 348 9-5 - 9.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | |
|---|---|---|---|---|---|
| Howard M | 1-27-20 | ☑ ON ☐ OFF | 06488.9 | 349 | 9- 9.5 |
| Howard M | 1-28-20 | ☑ ON ☐ OFF | 06510.7 | 351 | 9- 9.5 |
| PHILIP. C | 1-29-20 | ☑ ON ☐ OFF | 06532.1 | 357 | 9.5- 9.5 |
| PHILIP. C | 1-30-20 | ☑ ON ☐ OFF | 06557.6 | 344 | 9.5- 9.5 |
| Howard M | 2-2-20 | ☑ ON ☐ OFF | 06629.3 | 343 | 9.5- 9.5 |
| Howard M | 2-3-20 | ☑ ON ☐ OFF | 06654.6 | 357 | 9.5- 9.5 |
| PHILIP. C | 2-4-20 | ☑ ON ☐ OFF | 06676-1 | 338 | 9.5- 9.5 |
| | 2 | ☑ ON ☐ OFF | 06[illegible] | | |
| Howard M | 2-5-20 | ☑ ON ☐ OFF | 06702.2 | 336 | 9.5- 9.5 |
| Howard M | 2-6-20 | ☑ ON ☐ OFF | 06727.1 | 341 | 9.5- 9.5 |
| Howard M | 2-9-20 | ☑ ON ☐ OFF | 06798.5 | 344 | 9.5- 9.5 |
| Howard M | 2-10-20 | ☑ ON ☐ OFF | 06821.7 | 339 | 9.5- 9.5 |
| Emerald | 2-11 20 | ☑ ON ☐ OFF | 06847.01 | 327 | 9.5- 9.5 |
| Howard M | 2-12-20 | ☑ ON ☐ OFF | 06869.1 | 336 | 9.5- 9.5 |
| Howard M | 2-13-20 | ☑ ON ☐ OFF | 06893.4 | 334 | 9.5- 9.5 |
| Howard M | 2-16-20 | ☑ ON ☐ OFF | 06989.5 | 343 | 9.5- 9.5 |
| Howard M | 2-18-20 | ☑ ON ☐ OFF | 07014.2 | 347 | 9.5- 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 (2) 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| Howard M | 2-19-20 | ☑ ON ☐ OFF | 07037.4 | 354 9.5 - 9.5 |
| Howard M | 2-20-20 | ☑ ON ☐ OFF | 07062.5 | 364 9.5 - 9.5 |
| Howard M | 2-23-20 | ☑ ON ☐ OFF | 07133.0 | 351 9.5 - 9.5 |
| Howard M | 2-24-20 | ☑ ON ☐ OFF | 07158.1 | 356 9.5 - 9.5 |
| Howard M | 2-25-2 | ☑ ON ☐ OFF | 07183.3 | 343 9.5 - 9.5 |
| Howard M | 2-26-20 | ☑ ON ☐ OFF | 07205.9 | 349 9.5 - 9.5 |
| Howard M | 2-27-20 | ☑ ON ☐ OFF | 07229.4 | 347 9.5 - 9.5 |
| Howard M | 3-1-20 | ☑ ON ☐ OFF | 07249.5 | 351 9.5 - 9.5 |
| Howard M | 3-2-20 | ☑ ON ☐ OFF | 07324.6 | 362 9.5 - 9.5 |
| Howard M | 3-3-20 | ☑ ON ☐ OFF | 07349.9 | 346 9.5 - 9.5 |
| Howard M | 3-4-20 | ☑ ON ☐ OFF | 07367.3 | 349 9 - 9.5 |
| Howard M | 3-5-2 | ☑ ON ☐ OFF | 07398.0 | 343 9.5 - 9.5 |
| Howard M | 3-8-20 | ☑ ON ☐ OFF | 07467.5 | 350 9.5 - 9.5 |
| Howard M | 3-9-20 | ☑ ON ☐ OFF | 07492.9 | 354 9.5 - 9.5 |
| Howard M | 3-10-20 | ☑ ON ☐ OFF | 07515.7 | 348 9.5 - 9.5 |
| Howard M | 3-11-20 | ☑ ON ☐ OFF | 07540.6 | 338 9.5 - 9.5 |
| Howard M | 3-12-20 | ☑ ON ☐ OFF | 07567.2 | 343 9.5 - 9.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM | Observations |
|---|---|---|---|---|---|
| Howard M | 3-13-20 | ☑ ON ☐ OFF | 07593.6 | 344 | 9.5 - 9.5 |
| Howard M | 3-15-20 | ☑ ON ☐ OFF | 07639.2 | 343 | 9.5 - 9.5 |
| Howard M | 3-16-20 | ☑ ON ☐ OFF | 07666.6 | 331 | 9.5 - 9.5 |
| Howard M | 3-17-20 | ☑ ON ☐ OFF | 07684.8 | 334 | 9.5 - 9.5 |
| Denise C | 3-19-20 | ☑ ON ☐ OFF | 07731.6 | 328 | 9.5 - 9.5 |
| Howard M | 3-22-20 | ☑ ON ☐ OFF | 07801.0 | 343 | 9.5 - 9.5 |
| Howard M | 3-23-20 | ☑ ON ☐ OFF | 07826.2 | 344 | 9.5 - 9.5 |
| Howard M | 3-24-20 | ☑ ON ☐ OFF | 07852.6 | 331 | 9.5 - 9.5 |
| Howard M | 3-25-20 | ☑ ON ☐ OFF | 07877.1 | 343 | 9.5 - 9.5 |
| Howard M | 3-29-20 | ☑ ON ☐ OFF | 07968.5 | 331 | 9.5 - 9.5 |
| Howard M | 3-30-20 | ☑ ON ☐ OFF | 07997.5 | 338 | 9.5 - 9.5 |
| Howard M | 3-31-20 | ☑ ON ☐ OFF | 08020.6 | 339 | 9.5 - 9.5 |
| Howard M | 4-2-20 | ☑ ON ☐ OFF | 08068.7 | 335 | 9.5 - 9.5 |
| Howard M | 4-3-20 | ☑ ON ☐ OFF | 08071.9 | 331 | 9.5 - 9.5 |
| Howard M | 4-5-20 | ☑ ON ☐ OFF | 08139.0 | 334 | 9.5 - 9.5 |
| Howard M | 4-6-20 | ☑ ON ☐ OFF | 08164.9 | 340 | 9.5 - 9.5 |
| Howard M | 4-7-20 | ☑ ON ☐ OFF | 08188.3 | 346 | 9.5 - 9.5 |
| Howard M | 4-8-20 | ✓ ON | 08212.9 | 342 | 9.5 - 9.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 (2) 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM | Observations | PRE | POST |
|---|---|---|---|---|---|---|---|
| Howard M | 4-12-20 | ☑ ON ☐ OFF | 08311.5 | 343 | | 9.5 | 9.5 |
| D.Cosenza | 4/16-20 | ☑ ON ☐ OFF | 08404.0 | 337 | | 9.5 | 9.5 |
| Howard M | 4-17-20 | ☑ ON ☐ OFF | 08430.1 | 337 | | 9.5 | 9.5 |
| Howard M | 4-21-20 | ☑ ON ☐ OFF | 08523.7 | 343 | | 9.5 | 9.5 |
| Howard M | 4-22-20 | ☑ ON ☐ OFF | 08549.6 | 345 | | 9.5 | 9.5 |
| Howard M | 4-23-20 | ☑ ON ☐ OFF | 08572.0 | 346 | | 9.5 | 9.5 |
| Howard M | 4-24-20 | ☑ ON ☐ OFF | 08597.2 | 536 | | 9.5 | 9.5 |
| Howard M | 4-26-20 | ☑ ON ☐ OFF | 08639.0 | 337 | | 9.5 | 9.5 |
| Howard M | 4-27-20 | ☑ ON ☐ OFF | 08667.9 | 340 | | 9.5 | 9.5 |
| Howard M | 4-28-20 | ☑ ON ☐ OFF | 08692.6 | 340 | | 9.5 | 9.5 |
| Howard M | 4-29-20 | ☑ ON ☐ OFF | 08715.9 | 335 | | 9.5 | 9.5 |
| Howard M | 4-30-20 | ☑ ON ☐ OFF | 08740.8 | 336 | | 9.5 | 9.5 |
| Howard M | 5-3-20 | ☑ ON ☐ OFF | 08765.2 | 338 | | 9.5 | 9.5 |
| Howard M | 5.4.20 | ☑ ON ☐ OFF | 08835.9 | 341 | | 9.5 | 9.5 |
| Howard M | 5-5-20 | ☑ ON ☐ OFF | 08861.1 | 340 | | 9.5 | 9.5 |
| D.Cosenza | 5-6-20 | ☑ ON ☐ OFF | 08884.0 | 331 | | 9.5 | 9.5 |
| Howard M | 5-11-20 | ☑ ON ☐ OFF | 09004.9 | 335 | | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 (2) 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM | Observations | Filter Pre | Filter Post |
|---|---|---|---|---|---|---|---|
| Howard M | 5-12-20 | ☑ ON ☐ OFF | 09028.7 | 342 | | 9.5 | 9.5 |
| Howard M | 5-13-20 | ☑ ON ☐ OFF | 09051.8 | 337 | | 9.5 | 9.5 |
| Howard M | 5-14-20 | ☑ ON ☐ OFF | 09144.5 | 347 | | 9.5 | 9.5 |
| Howard M | 5-18-20 | ☑ ON ☐ OFF | 09169.8 | 344 | | 9.5 | 9.5 |
| Howard M | 5-19-20 | ☑ ON ☐ OFF | 09194.2 | 339 | | 9.5 | 9.5 |
| Howard M | 5-20-20 | ☑ ON ☐ OFF | 09220.1 | 333 | | 9.5 | 9.5 |
| Howard M | 5-21-20 | ☑ ON ☐ OFF | 09250.7 | 342 | | 9.5 | 9.5 |
| Howard M | 5-24-20 | ☑ ON ☐ OFF | 09313.5 | 330 | | 9.5 | 9.5 |
| Howard M | 5-26-20 | ☑ ON ☐ OFF | 09363.8 | 346 | | 9.5 | 9.5 |
| Howard M | 5-27-20 | ☑ ON ☐ OFF | 09388.6 | 344 | | 9.5 | 9.5 |
| Howard M | 5-31-20 | ☑ ON ☐ OFF | 09482.3 | 348 | | 9.5 | 9.5 |
| Howard M | 6-1-20 | ☑ ON ☐ OFF | 09508.0 | 340 | | 9.5 | 9.5 |
| Howard M | 6-2-20 | ☑ ON ☐ OFF | 09533.0 | 349 | | 9.5 | 9.5 |
| Howard M | 6-3-20 | ☑ ON ☐ OFF | 09558.7 | 347 | | 9.5 | 9.5 |
| Howard M | 6-7-20 | ☑ ON ☐ OFF | 09654.0 | 333 | | 9.5 | 9.5 |
| Howard M | 6-8-20 | ☑ ON ☐ OFF | 09677.4 | 330 | | 9.5 | 9.5 |
| Howard M | 6-9-20 | ☑ ON ☐ OFF | 09701.2 | 343 | | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 (2) 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 6.10.20 | ☑ ON ☐ OFF | 09723.8 | 326 | 9.5 | 9.5 |
| Howard M | 6.14.20 | ☑ ON ☐ OFF | 09821.3 | 339 | 9.5 | 9.5 |
| Howard M | 6.15.20 | ☑ ON ☐ OFF | 09846.6 | 342 | 9.5 | 9.5 |
| Howard M | 6.16.20 | ☑ ON ☐ OFF | 09871.2 | 336 | 9.5 | 9.5 |
| Howard M | 6-17-20 | ☑ ON ☐ OFF | 09894.9 | 343 | 9.5 | 9.5 |
| Howard M | 6-18-20 | ☑ ON ☐ OFF | 09917.0 | 338 | 9.5 | 9.5 |
| Howard M | 6-21-20 | ☑ ON ☐ OFF | 09987.5 | 340 | 9.5 | 9.5 |
| Howard M | 6-22-20 | ☑ ON ☐ OFF | 10012.8 | 345 | 9.5 | 9.5 |
| Howard M | 6-23-20 | ☑ ON ☐ OFF | 10036.2 | 338 | 9.5 | 9.5 |
| Howard M | 6-24-20 | ☑ ON ☐ OFF | 10061.9 | 335 | 9.5 | 9.5 |
| Howard M | 6-25-20 | ☑ ON ☐ OFF | 10085.7 | 338 | 9.5 | 9.5 |
| Howard M | 6-28-20 | ☑ ON ☐ OFF | 10137.0 | 334 | 9.5 | 9.5 |
| Howard M | 6-29-20 | ☑ ON ☐ OFF | 10162.5 | 335 | 9.5 | 9.5 |
| Howard M | 6-30-20 | ☑ ON ☐ OFF | 10198.3 | 329 | 9.5 | 9.5 |
| Howard M | 7-1-20 | ☑ ON ☐ OFF | 10228.8 | 346 | 9.5 | 9.5 |
| Howard M | 7-5-20 | ☑ ON ☐ OFF | 10322.1 | 327 | 9.5 | 9.5 |
| Howard M | 7-6-20 | ☑ ON ☐ OFF | 10348.8 | 334 | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Wall | Observations | |
|---|---|---|---|---|---|---|
| Howard M | 7-7-20 | ☑ ON ☐ OFF | 10373.2 | 344 | 9.5 | 9.5 |
| Howard M | 7-8-20 | ☑ ON ☐ OFF | 10395.3 | 340 | 9.5 | 9.5 |
| Howard M | 7-9-20 | ☑ ON ☐ OFF | 10419.8 | 346 | 9.5 | 9.5 |
| Howard M | 7-12-20 | ☑ ON ☐ OFF | 10490.1 | 343 | 9.5 | 9.5 |
| Howard M | 7-13-20 | ☑ ON ☐ OFF | 10515.6 | 348 | 9.5 | 9.5 |
| Howard M | 7-14-20 | ☑ ON ☐ OFF | 10540.5 | 354 | 9.5 | 9.5 |
| Howard M | 7-15-20 | ☑ ON ☐ OFF | 10564.5 | 340 | 9.5 | 9.5 |
| Howard M | 7-16-20 | ☑ ON ☐ OFF | 10588.2 | 343 | 9.5 | 9.5 |
| Howard M | 7-19-20 | ☑ ON ☐ OFF | 10662.3 | 346 | 9.5 | 9.5 |
| Howard M | 7-20-20 | ☐ ON ☐ OFF | 10686.6 | 352 | 9.5 | 9.5 |
| Howard M | 7-21-20 | ☑ ON ☐ OFF | 10710.9 | 333 | 9.5 | 9.5 |
| Howard M | 7-22-20 | ☑ ON ☐ OFF | 10735.0 | 336 | 9.5 | 9.5 |
| Howard M | 7-23-20 | ☑ ON ☐ OFF | 10756.6 | 344 | 9.5 | 9.5 |
| Howard M | 7-27-20 | ☑ ON ☐ OFF | 10780.2 | 342 | 9.5 | 9.5 |
| Howard M | 7-28-20 | ☑ ON ☐ OFF | 10804.6 | 346 | 9.5 | 9.5 |
| Howard M | 7-29-20 | ☑ ON ☐ OFF | 10828.5 | 352 | 9.5 | 9.5 |
| Howard M | 7-30-20 | ☑ ON ☐ OFF | 10853.5 | 344 | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 (2) 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 8-3-20 | ☑ ON ☐ OFF | 11020.7 | 346 | 9.5 | 9.5 |
| Howard M | 8-4-20 | ☑ ON ☐ OFF | 11044.1 | 356 | 9.5 | 9.5 |
| Howard M | 8-5-20 | ☑ ON ☐ OFF | 11069.2 | 344 | 9.5 | 9.5 |
| Howard M | 8-6-20 | ☑ ON ☐ OFF | 11093.0 | 339 | 9.5 | 9.5 |
| Howard M | 8-9-20 | ☑ ON ☐ OFF | 11165.5 | 343 | 9.5 | 9.5 |
| Howard M | 8-10-20 | ☑ ON ☐ OFF | 11189.4 | 340 | 9.5 | 9.5 |
| Howard M | 8-11-20 | ☑ ON ☐ OFF | 11213.9 | 348 | 9.5 | 9.5 |
| Howard M | 8-12-20 | ☑ ON ☐ OFF | 11237.3 | 337 | 9.5 | 9.5 |
| Howard M | 8-17-20 | ☑ ON ☐ OFF | 11355.5 | 338 | 9.5 | 9.5 |
| Howard M | 8-18-20 | ☑ ON ☐ OFF | 11381.6 | 342 | 9.5 | 9.5 |
| Howard M | 8-19-20 | ☑ ON ☐ OFF | 11411.1 | 334 | 9.5 | 9.5 |
| Howard M | 8-20-20 | ☑ ON ☐ OFF | 11432.1 | 333 | 9.5 | 9.5 |
| Howard M | 8-23-20 | ☑ ON ☐ OFF | 11500.9 | 330 | 9.5 | 9.5 |
| Howard M | 8-24-20 | ☑ ON ☐ OFF | 11525.6 | 331 | 9.5 | 9.5 |
| DeSenza | 8-28-20 | ☑ ON ☐ OFF | 11623.5 | 337 | 9.5 | 9.5 |
| Howard M | 8-29-20 | ☑ ON ☐ OFF | 11647.7 | 335 | 9.5 | 9.5 |
| Howard M | 8-30-20 | ☑ ON ☐ OFF | 11671.1 | 331 | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 (2) 3 4 (Circle One)

Readings/Observations to be recorded by AvalonBay Site Representative.

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 8-31-20 | ☑ ON ☐ OFF | 11695.4 | 348 | 9.5 | 9.5 |
| Howard M | 9-2-20 | ☑ ON ☐ OFF | 11743.3 | 340 | 9.5 | 9.5 |
| Howard M | 9-3-20 | ☑ ON ☐ OFF | 11767.1 | 343 | 9.5 | 9.5 |
| Howard M | 9-6-20 | ☑ ON ☐ OFF | 11836.5 | 341 | 9.5 | 9.5 |
| Howard M | 9.8.20 | ☑ ON ☐ OFF | 11884.9 | 343 | 9.5 | 9.5 |
| Howard M | 9.9-20 | ☑ ON ☐ OFF | 11908.2 | 337 | 9.5 | 9.5 |
| Howard M | 9-10-20 | ☑ ON ☐ OFF | 11932.7 | 339 | 9.5 | 9.5 |
| Howard M | 9-14-20 | ☑ ON ☐ OFF | 12030.9 | 361 | 9.5 | 9.5 |
| Howard M | 9.15.20 | ☑ ON ☐ OFF | 12054.3 | 337 | 9.5 | 9.5 |
| Howard M | 9.16.20 | ☑ ON ☐ OFF | 12078.4 | 353 | 9.5 | 9.5 |
| Donna C | 9.18.20 | ☑ ON ☐ OFF | 12130.2 | 340 | 9.5 | 9.5 |
| Howard M | 9.21.20 | ☑ ON ☐ OFF | 12198.5 | 330 | 9.5 | 9.5 |
| Howard M | 9.22.20 | ☑ ON ☐ OFF | 12222.4 | 329 | 9.5 | 9.5 |
| Howard M | 9.23.20 | ☑ ON ☐ OFF | 12245.0 | 340 | 9.5 | 9.5 |
| Howard M | 9-24.20 | ☑ ON ☐ OFF | 12269.4 | 344 | 9.5 | 9.5 |
| Howard M | 9.28.20 | ☑ ON ☐ OFF | 12364.7 | 344 | 9.5 | 9.5 |
| Howard M | 9-29-20 | ☑ ON ☐ OFF | 12388.9 | 340 | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations (CFM) | Pre filters | Post filters |
|---|---|---|---|---|---|---|
| Howard M | 9.30.20 | ☑ ON ☐ OFF | 12420.5 | 350 | 9.5 | 9.5 |
| Howard M | 10-1-20 | ☑ ON ☐ OFF | 12444.3 | 332 | 9.5 | 9.5 |
| Howard M | 10-5-20 | ☑ ON ☐ OFF | 12530.0 | 347 | 9.5 | 9.5 |
| Howard M | 10-6-20 | ☑ ON ☐ OFF | 12556.3 | 340 | 9.5 | 9.5 |
| Howard M | 10-7-20 | ☑ ON ☐ OFF | 12580.7 | 335 | 9.5 | 9.5 |
| Howard M | 10 12 20 | ☑ ON ☐ OFF | 12699.8 | 340 | 9.5 | 9.5 |
| Howard M | 10 13 20 | ☑ ON ☐ OFF | 12724.0 | 352 | 9.5 | 9.5 |
| Howard M | 10 14 20 | ☑ ON ☐ OFF | 12749.3 | 338 | 9.5 | 9.5 |
| Howard M | 10-15-20 | ☑ ON ☐ OFF | 12774.2 | 341 | 9.5 | 9.5 |
| Howard M | 10-19-20 | ☑ ON ☐ OFF | 12866.5 | 337 | 9.5 | 9.5 |
| Howard M | 10-20-20 | ☑ ON ☐ OFF | 12891.9 | 346 | 9.5 | 9.5 |
| Howard M | 10-21-20 | ☑ ON ☐ OFF | 12915.3 | 340 | 9.5 | 9.5 |
| Howard M | 10-22-20 | ☑ ON ☐ OFF | 12939.6 | 337 | 9.5 | 9.5 |
| Howard M | 10-26-20 | ☑ ON ☐ OFF | 13043.0 | 344 | 9.5 | 9.5 |
| Howard M | 10-27-20 | ☑ ON ☐ OFF | 13067.2 | 341 | 9.5 | 9.5 |
| Howard M | 10-28-20 | ☑ ON ☐ OFF | 13091.4 | 338 | 9.5 | 9.5 |
| Howard M | 10-29-20 | ☑ ON ☐ OFF | 13115.6 | 344 | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 (2) 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM | Filter Observations |
|---|---|---|---|---|---|
| Denise C | 10-30-20 | ☑ ON ☐ OFF | 13132.2 | 339 | 9.5 - 9.5 |
| Howard M | 11-1-20 | ☑ ON ☐ OFF | 13156.3 | 342 | 9.5 - 9.5 |
| Howard M | 11-2-20 | ☑ ON ☐ OFF | 13180.0 | 348 | 9.5 - 9.5 |
| Howard M | 11-3-20 | ☑ ON ☐ OFF | 13205.7 | 342 | 9.5 - 9.5 |
| Howard M | 11-4-20 | ☑ ON ☐ OFF | 13249.2 | 350 | 9.5 - 9.5 |
| Howard M | 11-9-20 | ☑ ON ☐ OFF | 13373.9 | 344 | 9.5 - 9.5 |
| Howard M | 11-10-20 | ☑ ON ☐ OFF | 13397.4 | 349 | 9.5 - 9.5 |
| Howard M | 11-11-20 | ☑ ON ☐ OFF | 13421.6 | 344 | 9.5 - 9.5 |
| Howard M | 11-12-20 | ☑ ON ☐ OFF | 13445.8 | 343 | 9.5 - 9.5 |
| Howard M | 11-16-20 | ☑ ON ☐ OFF | 13542.4 | 353 | 9.5 - 9.5 |
| Denise C | 11-24-20 | ☑ ON ☐ OFF | 13756.4 | 344 | 9.5 - 9.5 |
| Howard M | 11-25-20 | ☑ ON ☐ OFF | 13758.2 | 343 | 9.5 9.5 |
| Howard M | 11-29-20 | ☑ ON ☐ OFF | 13855.9 | 346 | 9.5 9.5 |
| Howard M | 11-30-20 | ☑ ON ☐ OFF | 13879.2 | 345 | 9.5 9.5 |
| Howard M | 12-1-20 | ☑ ON ☐ OFF | 13901.7 | 347 | 9.5 9.5 |
| Denise C | 12-2-20 | ☑ ON ☐ OFF | 13925.8 | 348 | 9.5 9.5 |
| Howard M | 12-3-20 | ☑ ON ☐ OFF | 13950.1 | 346 | 9.5 9.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 ~~2~~ 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations |
|---|---|---|---|---|
| Howard M | 12-7-20 | ☑ ON ☐ OFF | 04516.8 | 224 11.0 - 11 |
| Howard M | 12-9-20 | ☑ ON ☐ OFF | 04558.1 | 231 11.0 - 11 |
| Howard M | 12-10-20 | ☑ ON ☐ OFF | 04572.7 | 237 11.0 - 11 |
| Howard M | 12-11-20 | ☑ ON ☐ OFF | 04596.6 | 239 10.5 - 11 |
| Howard M | 12-13-20 | ☑ ON ☐ OFF | 04644.0 | 239 10.5 - 11 |
| Howard M | 12-14-20 | ☑ ON ☐ OFF | 04668.2 | 234 10.5 - 11 |
| Howard M | 12-15-20 | ☑ ON ☐ OFF | 04692.5 | 244 10.5 - 11 |
| Howard M | 12-16-20 | ☑ ON ☐ OFF | 04732.2 | 243 10.5 - 11 |
| Howard M | 12-20-20 | ☑ ON ☐ OFF | 04811.4 | 239 10.5 - 11 |
| Howard M | 12-21-20 | ☑ ON ☐ OFF | 04836.0 | 243 10.5 - 11 |
| Howard M | 12-22-20 | ☐ ON ☐ OFF | 04860.2 | 239 10.5 - 11 |
| Howard M | 12-23-20 | ☐ ON ☐ OFF | 04884.3 | 235 10.5 - 11 |
| Howard M | 12-24-20 | ☐ ON ☐ OFF | 04908.6 | 234 10.5 - 11 |
| Howard M | 12-27-20 | ☐ ON ☐ OFF | 04982.2 | 240 10.5 - 11 |
| Howard M | 12-28-20 | ☐ ON ☐ OFF | 05006.9 | 243 10.5 - 11 |
| Howard M | 12-29-20 | ☐ ON ☐ OFF | 05030.0 | 240 10.5 - 11 |
| Cayla Logan | 01/04/21 | ☑ ON ☐ OFF | 05172.1 | 243 10.5 - 11 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | WELL - TOTAL | Observations |
|---|---|---|---|---|---|
| BRIAN N. | 1/2/20 | ☑ ON ☐ OFF | 96335.2 | 262 - 227 | 11.5 — 11.8 |
| Howard M. | 1-6-20 | ☑ ON ☐ OFF | 96435.7 | 262 - 227 | 11 - 11 |
| Howard M. | 1-7-20 | ☑ ON ☐ OFF | 96459.0 | 262 - 227 | 11 - 11 |
| PHILIP. C | 1-8-2020 | ☑ ON ☐ OFF | 96481.0 | 262 - 228 | 11 - 11.5 |
| PHILIP. C | 1-9-2020 | ☑ ON ☐ OFF | 96501.0 | 262 - 229 | 11.5 - 11.5 |
| Howard M | 1-10-20 | ☑ ON ☐ OFF | 96526.2 | 262 - 227 | 11 - 11.5 |
| Howard M | 1-13-20 | ☑ ON ☐ OFF | 96597.1 | 262 - 227 | 11 — 11.5 |
| Howard M | 1-14-20 | ☑ ON ☐ OFF | 96627.4 | 262 - 227 | 11 - 11.5 |
| Howard M | 1-15-20 | ☑ ON ☐ OFF | 96651.4 | 262 - 228 | 11.5 - 11.5 |
| Denise C | 1-16-20 | ☑ ON ☐ OFF | 96674.2 | 255 - 217 | 10.5 - 11.0 |
| MIKE D | 1-17-20 | ☑ ON ☐ OFF | 96700.4 | 258 - 219 | 10.5 - 11 |
| Howard M | 1-19-20 | ☑ ON ☐ OFF | 96747.7 | 256 - 217 | 10.5 - 11 |
| PHILIP. C | 1-21-20 | ☑ ON ☐ OFF | 96795.4 | 260 - 220 | 10.5 - 11 |
| PHILIP. C | 1-22-20 | ☑ ON ☐ OFF | 96785.1 | 261 — 220 | 10.5 - 11 |
| PHILIP. C | 1-23-20 | ☑ ON ☐ OFF | 96849.1 | 259 — 221 | 10.5 - 11 |
| ~~Howard M~~ | ~~1-24-20~~ | ☑ ON ☐ OFF | | | |
| | | ☐ ON ☐ OFF | | | |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Well - To Tal Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 1-26-20 | ☑ ON ☐ OFF | 96915.7 | 260 | 216 | 10 - 10.5 |
| Howard M | 1-27-20 | ☑ ON ☐ OFF | 96939.2 | 256 | 218 | 10 - 10.5 |
| Howard M | 1-28-20 | ☑ ON ☐ OFF | 96963.8 | 257 | 219 | 10.5 - 10.5 |
| PHILIP. C | 1-29-20 | ☑ ON ☐ OFF | 96981.2 | 257 | 218 | 10.5 - 10.5 |
| PHILIP. C | 1-30-20 | ☑ ON ☐ OFF | 97011.1 | 258 | 218 | 10.5 - 10.5 |
| Howard M | 2-3-20 | ☑ ON ☐ OFF | 97108.6 | 258 | 219 | 10.5 - 10.5 |
| PHILIP. C | 2-4-20 | ☑ ON ☐ OFF | 97125.1 | 256 | 217 | 10.5 - 10.5 |
| Howard M | 2-5-20 | ☑ ON ☐ OFF | 97155.7 | 258 | 220 | 10.5 - 10.5 |
| Howard M | 2-6-20 | ☑ ON ☐ OFF | 97180.0 | 255 | 217 | 10.5 - 10.5 |
| Howard M | 2-9-20 | ☑ ON ☐ OFF | 97250.6 | 258 | 218 | 10.5 - 10.5 |
| Howard M | 2-10-20 | ☑ ON ☐ OFF | 97275.2 | 256 | 219 | 10.5 - 10.5 |
| Emslo | 2-11-20 | ☑ ON ☐ OFF | 97299.4 | 257 | 217 | 10.5 - 10.5 |
| Howard M | 2-12-20 | ☑ ON ☐ OFF | 97322.5 | 253 | 217 | 10.5 - 10.5 |
| Howard M | 2-13-20 | ☑ ON ☐ OFF | 97347.4 | 254 | 215 | 10.5 - 10.5 |
| Howard M | 2-16-20 | ☑ ON ☐ OFF | 97420.7 | 257 | 217 | 10.5 - 10.5 |
| Howard M | 2-18-20 | ☑ ON ☐ OFF | 97468.2 | 258 | 219 | 10.5 - 10.5 |
| Howard M | 2-19-20 | ☑ ON ☐ OFF | 97490.3 | 256 | 218 | 10 - 10.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

Well - Total

| Inspector Name | Date | Blower On/Off | Runtime (hours) | 2 | Observations |
|---|---|---|---|---|---|
| Howard M | 2-20-20 | ☑ ON ☐ OFF | 97514.7 | 259 222 | 10.5 - 11 |
| Howard M | 2-23-20 | ☑ ON ☐ OFF | 97588.3 | 257 219 | 10.5 - 11 |
| Howard M | 2-24-20 | ☑ ON ☐ OFF | 97612.0 | 258 221 | 10.5 - 11 |
| Howard M | 2-25-20 | ☑ ON ☐ OFF | 97637.9 | 259 219 | 10.5 - 11 |
| Howard M | 2-26-20 | ☑ ON ☐ OFF | 97659.1 | 258 214 | 10.5 - 11 |
| Howard M | 2-27-20 | ☑ ON ☐ OFF | 97683.8 | 254 216 | 10.5 - 11 |
| Howard M | 2-28-20 | ☑ ON ☐ OFF | 97754.3 | 257 219 | 10.5 - 11 |
| Howard M | 3-2-20 | ☑ ON ☐ OFF | 97780.0 | 256 220 | 10.5 - 11 |
| Howard M | 3-3-20 | ☑ ON ☐ OFF | 97803.7 | 259 221 | 10.5 - 11 |
| Howard M | 3-4-20 | ☑ ON ☐ OFF | 97825.5 | 257 218 | 10.5 - 11 |
| Howard M | 3-5-20 | ☑ ON ☐ OFF | 97851.9 | 259 - 219 | 10.5 - 11 |
| Howard M | 3-8-20 | ☑ ON ☐ OFF | 97923.5 | 256 221 | 10.5 - 11 |
| Howard M | 3-9-20 | ☑ ON ☐ OFF | 97948.0 | 259 219 | 10.5 - 11 |
| Howard M | 3-10-20 | ☑ ON ☐ OFF | 97966.2 | 256 217 | 10.5 - 11 |
| Howard M | 3-11-20 | ☑ ON ☐ OFF | 97994.0 | 256 219 | 10.5 - 11 |
| Howard M | 3-12-20 | ☑ ON ☐ OFF | 98020.1 | 254 218 | 10.5 - 11 |
| Howard M | 3-13-20 | ☑ ON ☐ OFF | 98045.9 | 257 214 | 10.5 - 11 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Well | Total | Observations |
|---|---|---|---|---|---|---|
| Howard M | 3-15-20 | ☑ ON ☐ OFF | 98096.9 | 259 | 220 | 10 - 10.5 |
| Howard M | 3-16-20 | ☑ ON ☐ OFF | 98120.3 | 257 | 218 | 10 - 10.5 |
| Howard M | 3-17-20 | ☑ ON ☐ OFF | 98138.2 | 257 | 219 | 10 - 10.5 |
| Denise C | 3-19-20 | ☑ ON ☐ OFF | 98189.0 | 255 | 214 | 10.5 - 11.0 |
| Howard M | 3-22-20 | ☑ ON ☐ OFF | 98255.5 | 256 | 215 | 10.5 - 11.0 |
| Howard M | 3-23-20 | ☑ ON ☐ OFF | 98281.7 | 257 | 212 | 10.5 - 11.0 |
| Howard M | 3-24-20 | ☑ ON ☐ OFF | 98306.3 | 256 | 214 | 10.5 - 11.0 |
| Howard M | 3-25-20 | ☑ ON ☐ OFF | 98330.0 | 259 | 218 | 10.5 - 11.0 |
| Howard M | 3-29-20 | ☑ ON ☐ OFF | 98425.6 | 258 | 217 | 10.5 - 11.0 |
| Howard M | 3-30-20 | ☑ ON ☐ OFF | 98451.9 | 236 | 219 | 10.5 - 11.0 |
| Howard M | 3-31-20 | ☑ ON ☐ OFF | 98474.3 | 257 | 214 | 10 - 10.5 |
| Howard M | 4-2-20 | ☑ ON ☐ OFF | 98522.7 | 259 | 217 | 10 - 10.5 |
| Howard M | 4-3-20 | ☑ ON ☐ OFF | 98547.8 | 257 | 218 | 10 - 10.5 |
| Howard M | 4-5-20 | ☑ ON ☐ OFF | 98592.9 | 255 | 215 | 10 - 10.5 |
| Howard M | 4-6-20 | ☑ ON ☐ OFF | 98618.3 | 256 | 217 | 10 - 10.5 |
| Howard M | 4-7-20 | ☑ ON ☐ OFF | 98642.1 | 257 | 215 | 10 - 10.5 |
| Howard M | 4-8-20 | ☑ ON ☐ OFF | 98668.0 | 256 | 215 | 10 - 10.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM Well | CFM TOTAL | Observations Pre | Observations Post |
|---|---|---|---|---|---|---|---|
| D. Cosenza | 4-16-2020 | ☑ ON ☐ OFF | 98,857.4 | 251 | 212 | 10.5 | 11.0 |
| Howard M | 4-17-20 | ☑ ON ☐ OFF | 98883.2 | 252 | 214 | 10.5 | 11 |
| Howard M | 4-21-20 | ☑ ON ☐ OFF | 98977.6 | 254 | 215 | 10.5 | 11 |
| Howard M | 4-22-20 | ☑ ON ☐ OFF | 99003.7 | 253 | 214 | 10.5 | 11 |
| Howard M | 4-23-20 | ☑ ON ☐ OFF | 99025.7 | 253 | 216 | 10.5 | 11 |
| Howard M | 4-24-20 | ☑ ON ☐ OFF | 99050.6 | 249 | 209 | 10.5 | 11 |
| Howard M | 4-26-20 | ☑ ON ☐ OFF | 99094.1 | 249 | 211 | 10.5 | 11 |
| Howard M | 4-27-20 | ☑ ON ☐ OFF | 99122.5 | 251 | 212 | 10.5 | 11 |
| Howard M | 4-28-20 | ☑ ON ☐ OFF | 99144.3 | 253 | 214 | 10.5 | 11 |
| Howard M | 4-29-20 | ☑ ON ☐ OFF | 99169.0 | 251 | 213 | 10.5 | 11 |
| Howard M | 4-30-20 | ☑ ON ☐ OFF | 99195.1 | 250 | 212 | 10.5 | 11 |
| Howard M | 5-3-20 | ☑ ON ☐ OFF | 99252.2 | 251 | 213 | 10.5 | 11 |
| Howard M | 5-4-20 | ☑ ON ☐ OFF | 99278.7 | 249 | 213 | 10.5 | 11 |
| Howard M | 5-5-20 | ☑ ON ☐ OFF | 99314.8 | 250 | 211 | 10.5 | 11 |
| D. Cosenza | 5-6-20 | ☑ ON ☐ OFF | 99330.9 | 251 | 214 | 10.5 | 11 |
| Howard M | 5-7-20 | ☑ ON ☐ OFF | 99355.7 | 249 | 213 | 10.5 | 11 |
| Howard M | 5-11-20 | ☑ ON ☐ OFF | | 252 | 221 | 10.5 | 11 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Well | Total | Observations | PCE (Filter) | Post |
|---|---|---|---|---|---|---|---|---|
| Howard M | 5-12-20 | ☑ ON ☐ OFF | 99482.7 | 253 | 211 | | 10.5 | 11 |
| Howard M | 5-13-20 | ☑ ON ☐ OFF | 99505.7 | 248 | 214 | | 10.5 | 11 |
| Howard M | 5-17-20 | ☑ ON ☐ OFF | 99597.1 | 267 | 213 | | 10.5 | 11 |
| Howard M | 5-18-20 | ☑ ON ☐ OFF | 99622.3 | 249 | 212 | | 10.5 | 11 |
| Howard M | 5-19-20 | ☑ ON ☐ OFF | 99648.8 | 251 | 210 | | 10.5 | 11 |
| Howard M | 5-20-20 | ☑ ON ☐ OFF | 99673.9 | 249 | 211 | | 10.5 | 11 |
| Howard M | 5-21-20 | ☑ ON ☐ OFF | 99699.2 | 247 | 213 | | 10.5 | 11 |
| Howard M | 5-24-20 | ☑ ON ☐ OFF | 99778.5 | 255 | 212 | | 10.5 | 11 |
| Howard M | 5-26-20 | ☑ ON ☐ OFF | 99817.8 | 253 | 211 | | 10.5 | 11 |
| Howard M | 5-27-20 | ☑ ON ☐ OFF | 99842.7 | 245 | 208 | | 10.5 | 11 |
| Howard M | 5-31-20 | ☑ ON ☐ OFF | 99946.0 | 248 | 209 | | 10.5 | 11 |
| Howard M | 6-1-20 | ☑ ON ☐ OFF | 99961.7 | 251 | 210 | | 10.5 | 11 |
| Howard M | 6-2-20 | ☑ ON ☐ OFF | 99986.7 | 242 | 207 | | 10.5 | 11 |
| Howard M | 6-3-20 | ☑ ON ☐ OFF | 00082.3 | 240 | 205 | | 10.5 | 11 |
| Howard M | 6-7-20 | ☑ ON ☐ OFF | 00107.0 | 241 | 208 | | 10.5 | 11 |
| Howard M | 6-8-20 | ☑ ON ☐ OFF | 00125.6 | 243 | 206 | | 10.5 | 11 |
| Howard M | 6-9-20 | ☑ ON ☐ OFF | 00151.1 | 240 | 203 | | 10.5 | 11 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 (3) 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | | |
|---|---|---|---|---|---|---|---|
| | | | | Total ~~[illegible]~~ | WELL ~~[illegible]~~ | Filters Pre | Filters Post |
| Howard M | 6.10.20 | ☑ ON ☐ OFF | 00177.0 | 238 | 204 | 11 | 11.5 |
| Howard M | 6.14.20 | ☑ ON ☐ OFF | 00276.2 | 241 | 202 | 11 | 11.5 |
| Howard M | 6.15.20 | ☑ ON ☐ OFF | 00300.4 | 239 | 205 | 11 | 11.5 |
| Howard M | 6-16-20 | ☑ ON ☐ OFF | 00322.7 | 239 | 206 | 11 | 11.5 |
| Howard M | 6-17-20 | ☑ ON ☐ OFF | 00346.2 | 238 | 209 | 11 | 11.5 |
| Howard M | 6-18-20 | ☑ ON ☐ OFF | 00370.3 | 239 | 205 | 11 | 11.5 |
| Howard M | 6-21-20 | ☑ ON ☐ OFF | 00435.9 | 235 | 204 | 11 | 11.5 |
| Howard M | 6-22-20 | ☑ ON ☐ OFF | 00461.7 | 234 | 202 | 11 | 11.5 |
| Howard M | 6-23-26 | ☑ ON ☐ OFF | 00486.2 | 237 | 203 | 11 | 11.5 |
| Howard M | 6-24-20 | ☑ ON ☐ OFF | 00516.9 | 234 | 199 | 11 | 11.5 |
| Howard M | 6-25-20 | ☑ ON ☐ OFF | 00541.1 | 225 | 203 | 11 | 11.5 |
| Howard M | 6-28-20 | ☑ ON ☐ OFF | 00595.2 | 227 | 205 | 10 | 10.5 |
| Howard M | 6-29-20 | ☑ ON ☐ OFF | 00619.9 | 226 | 198 | 10 | 10.5 |
| Howard M | 6-30-20 | ☑ ON ☐ OFF | 00643.1 | 226 | 262 | 11 | 11.5 |
| Howard M | 7-1-20 | ☑ ON ☐ OFF | 00682.7 | 225 | 0 | 10 | 10.5 |
| Howard M | 7-2-20 | ☑ ON ☐ OFF | 00707.2 | 219 | 0 | 11 | 12 |
| Howard M | 7-6-20 | ☑ ON ☐ OFF | 00779.8 | 231 | 0 | 11 | 11.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | ~~Total~~ Well Total | Observations | |
|---|---|---|---|---|---|---|
| Howard M | 7-7-20 | ☑ ON ☐ OFF | 00823.1 | 0 | 219 | 11 11.5 |
| Howard M | 7-8-20 | ☑ ON ☐ OFF | 00849.6 | 0 | 221 | 11 11.5 |
| Howard M | 7-9-20 | ☑ ON ☐ OFF | 00873.8 | 0 | 234 | 11 11.5 |
| Howard M | 7-12-20 | ☑ ON ☐ OFF | 00945.3 | 0 | 221 | 11.5 11.5 |
| Howard M | 7-13-20 | ☑ ON ☐ OFF | 00969.9 | 0 | 221 | 11.5 11.5 |
| Howard M | 7-14-20 | ☑ ON ☐ OFF | 00994.7 | 0 | 221 | 11.5 11.5 |
| Howard M | 7-15-20 | ☑ ON ☐ OFF | 01020.2 | 0 | 220 | 11.5 11.5 |
| Howard M | 7-16-20 | ☑ ON ☐ OFF | 01045.3 | 0 | 234 | 11.5 11.5 |
| Howard M | 7-19-20 | ☑ ON ☐ OFF | 01115.0 | 0 | 226 | 11.5 11.5 |
| Howard M | 7-20-20 | ☑ ON ☐ OFF | 01139.6 | 0 | 220 | 11.5 11.5 |
| Howard M | 7-21-20 | ☑ ON ☐ OFF | 01163.5 | 0 | 221 | 11.5 11.5 |
| Howard M | 7-22-20 | ☑ ON ☐ OFF | 01189.0 | 0 | 220 | 11.5 11.5 |
| Howard M | 7-23-20 | ☑ ON ☐ OFF | 01210.4 | 0 | 224 | 11.5 11.5 |
| Howard M | 7-27-20 | ☑ ON ☐ OFF | 01234.1 | 0 | 220 | 11.5 11.5 |
| Howard M | 7-28-20 | ☑ ON ☐ OFF | 01258.3 | 0 | 219 | 11.5 11.5 |
| Howard M | 7-29-20 | ☑ ON ☐ OFF | 01282.6 | 0 | 222 | 11.5 11.5 |
| Howard M | 7-30-20 | ☑ ON ☐ OFF | 01306.5 | 0 | 219 | 11.5 11.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | | |
|---|---|---|---|---|---|---|---|
| | | | | | Well | Total | |
| Howard M | 8-3-20 | ☑ ON ☐ OFF | 01475.3 | 0 | 230 | 11.5 | 11.5 |
| Howard M | 8-4-20 | ☑ ON ☐ OFF | 01489.9 | 0 | 226 | 11.5 | 11.5 |
| Howard M | 8-5-20 | ☑ ON ☐ OFF | 01523.2 | 0 | 234 | 11.5 | 11.5 |
| Howard M | 8-6-20 | ☑ ON ☐ OFF | 01547.0 | 0 | 224 | 11.5 | 11.5 |
| Howard M | 8-9-20 | ☑ ON ☐ OFF | 01619.2 | 0 | 218 | 11.5 | 11.5 |
| Howard M | 8-10-20 | ☑ ON ☐ OFF | 01643.7 | 0 | 217 | 11.5 | 11.5 |
| Howard M | 8-11-20 | ☑ ON ☐ OFF | 01667.3 | 0 | 216 | 11.5 | 11.5 |
| Howard M | 8-12-20 | ☑ ON ☐ OFF | 01691.1 | 0 | 218 | 11.5 | 11.5 |
| Howard M | 8-13-20 | ☑ ON ☐ OFF | 01713.5 | 0 | 220 | 11.5 | 11.5 |
| Howard M | 8-17-20 | ☑ ON ☐ OFF | 01809.3 | 0 | 216 | 11.5 | 11.5 |
| Howard M | 8-18-20 | ☑ ON ☐ OFF | 01833.7 | 0 | 217 | 11.5 | 11.5 |
| Howard M | 8-19-20 | ☑ ON ☐ OFF | 01846.0 | 0 | 218 | 11.5 | 11.5 |
| Howard M | 8-20-20 | ☑ ON ☐ OFF | 01885.0 | 0 | 220 | 11.5 | 11.5 |
| Howard M | 8-23-20 | ☑ ON ☐ OFF | 01955.8 | 0 | 219 | 11.5 | 11.5 |
| Howard M | 8-24-20 | ☑ ON ☐ OFF | 01979.5 | 0 | 218 | 11.5 | 11.5 |
| D'Ossenza | 8-28-20 | ☑ ON ☐ OFF | 02077.7 | 0 | 216 | 11.5 | 12.0 |
| Howard M | 8-29-20 | ☑ ON ☐ OFF | 02102.5 | 0 | 219 | 11.5 | 11.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | Well | Total | |
|---|---|---|---|---|---|---|---|
| Howard M | 8-31-20 | ☑ ON ☐ OFF | 02152.3 | 0 | 230 | 11.5 | 11.5 |
| Howard M | 9-2-20 | ☑ ON ☐ OFF | 02196.1 | 0 | 226 | 11.5 | 11.5 |
| Howard M | 9-3-20 | ☑ ON ☐ OFF | 02220.7 | 0 | 219 | 11.5 | 11.5 |
| Howard M | 9-6-20 | ☑ ON ☐ OFF | 02290.9 | 0 | 217 | 11.5 | 11.5 |
| Howard M | 9-8-20 | ☑ ON ☐ OFF | 02338.7 | 0 | 218 | 11.5 | 11.5 |
| Howard M | 9-9-20 | ☑ ON ☐ OFF | 02362.3 | 16 | 219 | 11.5 | 11.5 |
| Howard M | 9-10-20 | ☑ ON ☐ OFF | 02386.7 | 0 | 217 | 11.5 | 11.5 |
| Howard M | 9-14-20 | ☑ ON ☐ OFF | 02474.0 | 0 | 220 | 11.5 | 11.5 |
| Howard M | 9-15-20 | ☑ ON ☐ OFF | 02508.6 | 0 | 222 | 11.5 | 11.5 |
| Howard M | 9-16-20 | ☑ ON ☐ OFF | 02532.7 | 0 | 221 | 11.5 | 11.5 |
| Denise C. | 9-18-20 | ☑ ON ☐ OFF | 02584.0 | 0 | 220 | 11.5 | 11.5 |
| Howard M | 9-21-20 | ☑ ON ☐ OFF | 02651.1 | 0 | 227 | 11.5 | 11.5 |
| Howard M | 9-22-20 | ☑ ON ☐ OFF | 02676.9 | 0 | 226 | 11.5 | 11.5 |
| Howard M | 9-23-20 | ☑ ON ☐ OFF | 02699.9 | 0 | 224 | 11 | 11.5 |
| Howard M | 9-24-20 | ☑ ON ☐ OFF | 02723.0 | 0 | 228 | 11 | 11.5 |
| Howard M | 9-28-20 | ☑ ON ☐ OFF | 02818.8 | 0 | 225 | 11 | 11.5 |
| Howard M | 9-29-20 | ☑ ON ☐ OFF | 02842.7 | 0 | 221 | 11 | 11.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 9-30-20 | ☑ ON ☐ OFF | 02872.2 | 217 | 11 | 11.5 |
| Howard M | 10-1-20 | ☑ ON ☐ OFF | 02896.7 | 220 | 11 | 11.5 |
| Howard M | 10-5-20 | ☑ ON ☑ OFF | 02976.8 | 219 | 11 | 11.5 |
| Howard M | 10-6-20 | ☑ ON ☐ OFF | 03010.5 | 220 | 11 | 11.5 |
| Howard M | 10-7-20 | ☑ ON ☐ OFF | 03034.0 | 226 | 11 | 11.5 |
| Howard M | 10-12-20 | ☑ ON ☐ OFF | 03155.1 | 220 | 11 | 11.5 |
| Howard M | 10-13-20 | ☑ ON ☐ OFF | 03179.5 | 222 | 11 | 11.5 |
| Howard M | 10-14-20 | ☑ ON ☐ OFF | 03203.6 | 219 | 11 | 11.5 |
| Howard M | 10-15-20 | ☑ ON ☐ OFF | 03227.3 | 217 | 11 | 11.5 |
| Howard M | 10-19-20 | ☑ ON ☐ OFF | 03320.0 | 220 | 11 | 11.5 |
| Howard M | 10-20-20 | ☑ ON ☐ OFF | 03345.1 | 226 | 11 | 11.5 |
| Howard M | 10-21-20 | ☑ ON ☐ OFF | 03369.9 | 219 | 11 | 11.5 |
| Howard M | 10-22-20 | ☑ ON ☐ OFF | 03393.2 | 220 | 11 | 11.5 |
| Howard M | 10-26-20 | ☑ ON ☐ OFF | 03497.0 | 217 | 11 | 11.5 |
| Howard M | 10-27-20 | ☑ ON ☐ OFF | 03521.2 | 220 | 11 | 11.5 |
| Howard M | 10-28-20 | ☑ ON ☐ OFF | 03545.3 | 226 | 11 | 11.5 |
| Howard M | 10-29-20 | ☑ ON ☐ OFF | 03569.0 | 220 | 11 | 11.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 2 (3) 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Well TOTAL Observations | | |
|---|---|---|---|---|---|---|
| Denise C | 10-30-20 | ☑ ON ☐ OFF | 03586.1 | 224 | 11.0 | 11.5 |
| Howard M | 11-1-20 | ☑ ON ☐ OFF | 03810.4 | 231 | 11.0 | 11 |
| Howard M | 11-2-20 | ☑ ON ☐ OFF | 03634.7 | 232 | 11.0 | 11 |
| Howard M | 11-3-20 | ☑ ON ☐ OFF | 03658.9 | 231 | 11.0 | 11 |
| Howard M | 11-4-20 | ☑ ON ☐ OFF | 03682.2 | 234 | 11.0 | 11 |
| Howard M | 11-9-20 | ☑ ON ☐ OFF | 03827.8 | 232 | 11.0 | 11 |
| Howard M | 11-10-20 | ☑ ON ☐ OFF | 03851.1 | 232 | 11.0 | 11 |
| Howard M | 11-11-20 | ☑ ON ☐ OFF | 03876.2 | 234 | 11.0 | 11.5 |
| Howard M | 11-12-20 | ☑ ON ☐ OFF | 03900.7 | 231 | 11.0 | 11.5 |
| Howard M | 11-16-20 | ☑ ON ☐ OFF | 03996.6 | 233 | 11.0 | 11.5 |
| Denise C | 11-24-20 | ☑ ON ☐ OFF | 04210.3 | 237 | 11.0 | 11.0 |
| Howard M | 11-25-20 | ☑ ON ☐ OFF | 04212.0 | 237 | 11.0 | 11.0 |
| Howard M | 11-29-20 | ☑ ON ☐ OFF | 04305.2 | 236 | 11.0 | 11.0 |
| Howard M | 11-30-20 | ☑ ON ☐ OFF | 04330.4 | 235 | 11.0 | 11.0 |
| Howard M | 12-1-20 | ☑ ON ☐ OFF | 04355.7 | 237 | 11.0 | 11.0 |
| Denise C | 12-2-20 | ☑ ON ☐ OFF | 04375.1 | 236 | 11.0 | 11.0 |
| Howard M | 12-3-20 | ☑ ON ☐ OFF | 04397.2 | 237 | 11.0 | 11.0 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 (3) 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | |
|---|---|---|---|---|---|---|
| Howard M | 12-7-20 | ☑ ON ☐ OFF | 14071.1 | 346 | 9.5 | 9.5 |
| Howard M | 12-9-20 | ☑ ON ☐ OFF | 14096.0 | 335 | 9.5 | 9.5 |
| Howard M | 12-10-20 | ☑ ON ☑ OFF | 14118.4 | 352 | 9.5 | 9.5 |
| Howard M | 12-11-20 | ☑ ON ☐ OFF | 14143.5 | 356 | 9.5 | 9.5 |
| Howard M | 12-13-20 | ☑ ON ☐ OFF | 14191.2 | 346 | 9.5 | 9.5 |
| Howard M | 12-14-20 | ☑ ON ☐ OFF | 14204.3 | 352 | 9.5 | 9.5 |
| Howard M | 12-15-20 | ☑ ON ☐ OFF | 14223.0 | 346 | 9.5 | 9.5 |
| Howard M | 12-16-20 | ☑ ON ☐ OFF | 14253.1 | 350 | 9.5 | 9.5 |
| Howard M | 12-20-20 | ☑ ON ☐ OFF | 14358.5 | 344 | 9.5 | 9.5 |
| Howard M | 12-21-20 | ☑ ON ☐ OFF | 14382.0 | 342 | 9.5 | 9.5 |
| Howard M | 12-22-20 | ☑ ON ☐ OFF | 14406.4 | 354 | 9.5 | 9.5 |
| Howard M | 12-23-20 | ☑ ON ☐ OFF | 14430.9 | 356 | 9.5 | 9.5 |
| Howard M | 12-24-20 | ☑ ON ☐ OFF | 14454.6 | 344 | 9.5 | 9.5 |
| Howard M | 12-27-20 | ☑ ON ☐ OFF | 14528.1 | 341 | 9.5 | 9.5 |
| Howard M | 12-28-20 | ☐ ON ☐ OFF | 14552.3 | 343 | 9.5 | 9.5 |
| Howard M | 12-29-20 | ☐ ON ☐ OFF | 14576.4 | 350 | 9.5 | 9.5 |
| Carla Lizzo | 01/14/21 | ☐ ON ☐ OFF | 14718.1 | 343 | 9.5 | 9.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | TOTAL-WELL | Observations |
|---|---|---|---|---|---|
| BRIAN N. | 1/2/20 | ☑ ON ☐ OFF | 05031.1 | 302 – 573 | 5 – 5.5 |
| Howard M. | 1/6-20 | ☑ ON ☐ OFF | 05127.2 | 302 - 573 | 5 - 5.5 |
| Howard M. | 1-7-20 | ☑ ON ☐ OFF | 05151.5 | 303 - 574 | 5 - 5.5 |
| Howard M. | 1-8-20 | ☑ ON ☐ OFF | 05174.3 | 303 - 577 | 5 - 5.5 |
| Howard M | 1-9-20 | ☑ ON ☐ OFF | 05197.9 | 302 - 581 | 5 - 5.5 |
| Howard M | 1-10-20 | ☑ ON ☐ OFF | 05224.0 | 303 - 577 | 5 - 5.5 |
| Howard M | 1-13-20 | ☑ ON ☐ OFF | 05293.4 | 302 - 576 | 5 - 5.5 |
| Howard M | 1-14-20 | ☑ ON ☐ OFF | 05319.6 | 303 - 575 | 5 - 5.5 |
| Denise C | 1-16-20 | ☑ ON ☐ OFF | 05 369.2 | 302 – 583 | 5 – 5.5 |
| MIKE D | 1-17-20 | ☑ ON ☐ OFF | 05392.0 | 304 - 577 | 5 - 5.5 |
| Howard M | 1-19-20 | ☑ ON ☐ OFF | 05439.1 | 303 - 580 | 5 - 5.5 |
| Howard M | 1-21-20 | ☑ ON ☐ OFF | 05460.3 | 303 - 580 | 5 - 5.5 |
| Howard M. | 1-22-20 | ☑ ON ☐ OFF | 05511.4 | 302 - 584 | 5 - 5.5 |
| Howard M. | 1-23-20 | ☑ ON ☐ OFF | 05535.7 | 303 - 580 | 5 - 5.5 |
| Howard M. | 1-24-20 | ☑ ON ☐ OFF | 05559.1 | 305 571 | 5 - 5.5 |
| Howard M | 1-26-20 | ☑ ON ☐ OFF | 05614.3 | 304 581 | 5 - 5.5 |
| Howard M | 1-27-20 | ☑ ON ☐ OFF | 05637.2 | 303 577 | 5 - 5.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM Well | CFM Total | Observations | Filters pre - post |
|---|---|---|---|---|---|---|---|
| Howard M | 1-28-20 | ☑ ON ☐ OFF | 05655.7 | 572 | 304 | | 6 - 6 |
| Howard M | 1-29-20 | ☑ ON ☐ OFF | 06679.3 | 577 | 304 | | 6 - 6 |
| Howard M | 1-30-20 | ☑ ON ☐ OFF | 05703.0 | 583 | 304 | | 6 - 6 |
| Howard M | 2-2-20 | ☑ ON ☐ OFF | 05769.8 | 581 | 303 | | 6 - 6.5 |
| Howard M | 2-3-20 | ☑ ON ☐ OFF | 05800.7 | 577 | 302 | | 6 - 6.5 |
| Howard M | 2-4-20 | ☑ ON ☐ OFF | 05823.2 | 574 | 304 | | 6 - 6.5 |
| Howard M | 2-5-20 | ☑ ON ☐ OFF | 05847.3 | 577 | 303 | | 6 - 6.5 |
| Howard M | 2-6-2 | ☑ ON ☐ OFF | 05876.0 | 574 | 303 | | 6 - 6.5 |
| Howard M | 2-9-20 | ☑ ON ☐ OFF | 05941.5 | 579 | 302 | | 6 - 6.5 |
| Howard M | 2-10-20 | ☑ ON ☐ OFF | 05967.7 | 584 | 304 | | 6 - 6.5 |
| Howard M | 2-11-20 | ☑ ON ☐ OFF | 05991.4 | 581 | 303 | | 6 - 6.5 |
| Howard M | 2-12-20 | ☑ ON ☐ OFF | 06016.2 | 577 | 304 | | 6 - 6.5 |
| Howard M | 2-13-20 | ☑ ON ☐ OFF | 06040.2 | 573 | 305 | | 6 - 6.5 |
| Howard M | 2-16-20 | ☑ ON ☐ OFF | 06124.7 | 599 | 303 | | 6 - 6.5 |
| Howard M | 2-18-20 | ☑ ON ☐ OFF | 06160.0 | 584 | 302 | | 6 - 6.5 |
| Howard M | 2-19-20 | ☑ ON ☐ OFF | 06183.5 | 575 | 303 | | 6 - 6.5 |
| Howard M | 2-20-20 | ☑ ON ☐ OFF | 06207.1 | 585 | 302 | | 6 - 6.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

Well: Total – Cfm

Filter: Pre – Post

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | |
|---|---|---|---|---|---|
| Howard M | 2-23-20 | ☑ ON ☐ OFF | 06279.9 | 303-580 | 5 – 5.5 |
| Howard M | 2-24-20 | ☑ ON ☐ OFF | 06303.7 | 302-575 | 5 – 5.5 |
| Howard M | 2-25-20 | ☑ ON ☐ OFF | 06328.5 | 303-580 | 5 – 5.5 |
| Howard M | 2-26-20 | ☑ ON ☐ OFF | 06351.7 | 302-574 | 5 – 5.5 |
| Howard M | 2-27 | ☑ ON ☐ OFF | 06375.2 | 304-578 | 5 – 5.5 |
| Howard M | 3-1-20 | ☑ ON ☐ OFF | 06445.0 | 303-575 | 5 – 5.5 |
| Howard M | 3-2-20 | ☑ ON ☐ OFF | 06470.9 | 302-571 | 5 – 5.5 |
| Howard M | 3-3-20 | ☑ ON ☐ OFF | 06495.7 | 305-573 | 5 – 5.5 |
| Howard M | 3-4-20 | ☑ ON ☐ OFF | 06518 | 303-578 | 5 – 5.5 |
| Howard M | 3-5-20 | ☑ ON ☐ OFF | 06543.6 | 302-577 | 5 – 5.5 |
| Howard M | 3-8-20 | ☑ ON ☐ OFF | 06614.2 | 303-575 | 5 – 5.5 |
| Howard M | 3-9-20 | ☑ ON ☐ OFF | 06639.5 | 303577 | 5 – 5.5 |
| Howard M | 3-10-20 | ☑ ON ☐ OFF | 06661.5 | 304-575 | 5 – 5.5 |
| Howard M | 3-11-20 | ☑ ON ☐ OFF | 06686.5 | 303-573 | 5 – 5.5 |
| Howard M | 3-12-20 | ☑ ON ☐ OFF | 06711.0 | 305-574 | 5 – 5.5 |
| Howard M | 3-13-20 | ☑ ON ☐ OFF | 06736.7 | 304-575 | 5 – 5.5 |
| Howard M | 3-15-20 | ☑ ON ☐ OFF | 06789.4 | 305-573 | 5 – 5.5 |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CFM Total / Well CFM | Observations |
|---|---|---|---|---|---|
| Howard M | 3-16-20 | ☐ ON ☐ OFF | 06812.5 | 302-577 | 5-5.5 |
| Howard M | 3-17-20 | ☑ ON ☐ OFF | 06830.7 | 302-570 | 5-5.5 |
| Denise C | 3-19.20 | ☑ ON ☐ OFF | 06877.9 | 302-577 | 5-5.5 |
| Howard M | 3-22-20 | ☑ ON ☐ OFF | 06943.8 | 303-582 | 5-5.5 |
| Howard M | 3-23-20 | ☑ ON ☐ OFF | 06972.1 | 302-576 | 5-5.5 |
| Howard M | 3-24-20 | ☑ ON ☐ OFF | 06998.5 | 304-580 | 5-5.5 |
| Howard M | 3-25-20 | ☑ ON ☐ OFF | 07021.5 | 302 578 | 5-5.5 |
| Howard M | 3-29-20 | ☑ ON ☐ OFF | 07118.6 | 303-581 | 5-5.5 |
| Howard M | 3-30-20 | ☑ ON ☐ OFF | 07143.1 | 302-575 | 5-5.5 |
| Howard M | 4-2-20 | ☑ ON ☐ OFF | 07214.3 | 303-578 | 5-5.5 |
| Howard M | 4-3-20 | ☑ ON ☐ OFF | 07239.6 | 302 571 | 5-5.5 |
| Howard M | 4-5-20 | ☑ ON ☐ OFF | 07285.5 | 303 574 | 5-5.5 |
| Howard M | 4-6-20 | ☑ ON ☐ OFF | 07310.3 | 304 572 | 5-5.5 |
| Howard M | 4-7-20 | ☑ ON ☐ OFF | 07334.1 | 302-575 | 5-5.5 |
| Howard M | 4-8-20 | ☑ ON ☐ OFF | 07358.7 | 302-581 | 5-5.5 |
| | | ☐ ON ☐ OFF | | | |
| | | ☐ ON ☐ OFF | | | |

## ROUTINE SYSTEM CHECK
### PARCEL 9 VAPOR MITIGATION SYSTEM
### 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK
### ZONE: 1 2 3 (4) (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | CAM Well | CAM TOTAL | Observations PRE | Observations POST |
|---|---|---|---|---|---|---|---|
| DCosenza | 4.16.2020 | ☑ ON ☐ OFF | 07549.9 | 577 | 303 | 5.5 | 5.5 |
| Howard M | 4-17-2020 | ☑ ON ☐ OFF | 07575.0 | 579 | 304 | 5.5 | 5.5 |
| Howard M | 4-21-20 | ☑ ON ☐ OFF | 07670.3 | 580 | 303 | 5.5 | 5.5 |
| Howard M | 4-22-20 | ☑ ON ☐ OFF | 07695.2 | 577 | 303 | 5.5 | 5.5 |
| Howard M | 4-23-20 | ☑ ON ☐ OFF | 07720.1 | 581 | 303 | 5.5 | 5.5 |
| Howard M | 4-26-20 | ☑ ON ☐ OFF | 07788.6 | 577 | 304 | 5.5 | 5.5 |
| Howard M | 4-27-20 | ☑ ON ☐ OFF | 07813.5 | 580 | 303 | 5.5 | 5.5 |
| Howard M | 4-28-20 | ☑ ON ☐ OFF | 07838.2 | 576 | 305 | 5.5 | 5.5 |
| Howard M | 4-29-20 | ☑ ON ☐ OFF | 07861.5 | 580 | 304 | 5.5 | 5.5 |
| Howard M | 4-30-20 | ☑ ON ☐ OFF | 07886.3 | 581 | 303 | 5.5 | 5.5 |
| Howard M | 5-3-20 | ☑ ON ☐ OFF | 07954.0 | 570 | 305 | 5.5 | 5.5 |
| Howard M | 5-4-20 | ☑ ON ☐ OFF | 07980.1 | 576 | 304 | 5.5 | 5.5 |
| Howard M | 5-5-20 | ☑ ON ☐ OFF | 08005.2 | 572 | 305 | 5.5 | 5.5 |
| DCosenza | 5-6-20 | ☑ ON ☐ OFF | 08029.7 | 575 | 305 | 5.5 | 5.5 |
| Howard M | 5-7-20 | ☑ ON ☐ OFF | 08054.8 | 570 | 303 | 5.5 | 5.5 |
| Howard M | 5-10-20 | ☑ ON ☐ OFF | 08125.3 | 581 | 304 | 5.5 | 5.5 |
| Howard M | 5-11-20 | ☑ ON ☐ OFF | 08150.4 | 576 | 303 | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 4 (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | CFM Well | CFM Total |
|---|---|---|---|---|---|---|
| Howard M | 5-12-20 | ☑ ON ☐ OFF | 08173.7 | 307 - 580 | 5.5 | 5.5 |
| Howard M | 5-13-20 | ☑ ON ☐ OFF | 08198.9 | 303 - 576 | 5.5 | 5.5 |
| Howard M | 5-17-20 | ☑ ON ☐ OFF | 08284.2 | 302 571 | 5.5 | 5.5 |
| Howard M | 5-18-20 | ☑ ON ☐ OFF | 08317.3 | 304 - 573 | 5.5 | 5.5 |
| Howard M | 5-19-20 | ☑ ON ☐ OFF | 08340.9 | 302 573 | 5.5 | 5.5 |
| Howard M | 5-20-20 | ☑ ON ☐ OFF | 08365.1 | 302 583 | 5.5 | 5.5 |
| Howard M | 5-21-20 | ☑ ON ☐ OFF | 08391.0 | 303 576 | 5.5 | 5.5 |
| Howard M | 5-24-20 | ☑ ON ☐ OFF | 08477.6 | 303 567 | 5.5 | 5.5 |
| Howard M | 5-26-20 | ☑ ON ☐ OFF | 08509.8 | 302 574 | 5.5 | 5.5 |
| Howard M | 5-27-20 | ☑ ON ☐ OFF | 08534.7 | 303 571 | 5.5 | 5.5 |
| Howard M | 5-31-20 | ☑ ON ☐ OFF | 08628.5 | 304 576 | 5.5 | 5.5 |
| Howard M | 6-1-20 | ☑ ON ☐ OFF | 08653.7 | 304 573 | 5.5 | 5.5 |
| Howard M | 6-2-20 | ☑ ON ☐ OFF | 08676.3 | 303 571 | 5.5 | 5.5 |
| Howard M | 6-3-20 | ☑ ON ☐ OFF | 08702.4 | 302 585 | 5.5 | 5.5 |
| Howard M | 6-7-20 | ☑ ON ☐ OFF | 08799.0 | 304 579 | 5.5 | 5.5 |
| Howard M | 6-8-20 | ☑ ON ☐ OFF | 08822.3 | 305 574 | 5.5 | 5.5 |
| Howard M | 6-9-20 | ☑ ON ☐ OFF | 08847.0 | 304 582 | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

**PARCEL 9 VAPOR MITIGATION SYSTEM**

**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**ZONE: 1 2 3 (4) (Circle One)**

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | | |
|---|---|---|---|---|---|---|---|
| | | | | Well | Total | Filter PCE | Filter Post |
| Howard M | 6-10-20 | ☑ ON ☐ OFF | 08869.2 | 577 | 303 | 5.5 | 5.5 |
| Howard M | 6-14-20 | ☑ ON ☐ OFF | 08962.9 | 572 | 306 | 5.5 | 5.5 |
| Howard M | 6-15-20 | ☑ ON ☐ OFF | 08992.5 | 576 | 304 | 5.5 | 5.5 |
| Howard M | 6-16-20 | ☑ ON ☐ OFF | 09014.5 | 570 | 305 | 5.5 | 5.5 |
| Howard M | 6-17-20 | ☑ ON ☐ OFF | 09037.9 | 574 | 304 | 5.5 | 5.5 |
| Howard M | 6-18 20 | ☑ ON ☐ OFF | 09062.7 | 576 | 306 | 5.5 | 5.5 |
| Howard M | 6-21-20 | ☑ ON ☐ OFF | 09132.6 | 584 | 305 | 5.5 | 5.5 |
| Howard M | 6-22-20 | ☑ ON ☐ OFF | 09158.8 | 582 | 304 | 5.5 | 5.5 |
| Howard M | 6-23-20 | ☑ ON ☐ OFF | 09183.5 | 574 | 303 | 5.5 | 5.5 |
| Howard M | 6-24-20 | ☑ ON ☐ OFF | 09208.1 | 575 | 304 | 5.5 | 5.5 |
| Howard M | 6-25-20 | ☑ ON ☐ OFF | 09233.6 | 573 | 305 | 5.5 | 5.5 |
| Howard M | 6-28-20 | ☑ ON ☐ OFF | 09300.0 | 575 | 305 | 5.5 | 5.5 |
| Howard M | 6-29-20 | ☑ ON ☐ OFF | 09324.6 | 584 | 303 | 5.5 | 5.5 |
| Howard M | 6-30-20 | ☑ ON ☐ OFF | 09350.8 | 570 | 306 | 5.5 | 5.5 |
| Howard M | 7-1-20 | ☑ ON ☐ OFF | 09374.0 | 581 | 304 | 5.5 | 5.5 |
| Howard M | 7-2-20 | ☑ ON ☐ OFF | 09399.1 | 575 | 303 | 5.5 | 5.5 |
| Howard M | 7-3-20 | ☑ ON ☐ OFF | 09423.6 | 580 | 305 | 5.5 | 5.5 |

Corner
50th

# ROUTINE SYSTEM CHECK

## PARCEL 9 VAPOR MITIGATION SYSTEM

## 48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 (4) (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | | |
|---|---|---|---|---|---|---|---|
| | | | | Well | Total | | |
| Howard M | 7-7-20 | ☑ ON ☐ OFF | 09514.3 | 581 | 303 | 5.5 - | 5.5 |
| Howard M | 7-8-20 | ☑ ON ☐ OFF | 09539.2 | 572 | 305 | 5.5 - | 5.5 |
| Howard M | 7-9-20 | ☑ ON ☐ OFF | 09565.8 | 573 | 304 | 5.5 - | 5.5 |
| Howard M | 7-12-20 | ☑ ON ☐ OFF | 09638.0 | 575 | 305 | 5.5 | 5.5 |
| Howard M | 7-13-20 | ☑ ON ☐ OFF | 09662.2 | 571 | 304 | 5.5 | 5.5 |
| Howard M | 7-14-20 | ☑ ON ☐ OFF | 09686.1 | 578 | 304 | 5.8 | 5.5 |
| Howard M | 7-15-20 | ☑ ON ☐ OFF | 09710.3 | 575 | 303 | 5.5 | 5.5 |
| Howard M | 7-16-20 | ☑ ON ☐ OFF | 09735.1 | 582 | 304 | 5.8 | 5.5 |
| Howard M | 7-19-20 | ☑ ON ☐ OFF | 09806.7 | 573 | 305 | 5.5 | 5.5 |
| Howard M | 7-20-20 | ☑ ON ☐ OFF | 09830.2 | 576 | 303 | 5.5 | 5.5 |
| Howard M | 7-21-20 | ☑ ON ☐ OFF | 09856.3 | 570 | 304 | 5.5 | 5.5 |
| Howard M | 7-22-20 | ☑ ON ☐ OFF | 09880.9 | 569 | 305 | 5.5 | 5.5 |
| Howard M | 7-23-20 | ☑ ON ☐ OFF | 09902.4 | 570 | 303 | 5.5 | 5.5 |
| Howard M | 7-26-20 | ☑ ON ☐ OFF | 09974.2 | 572 | 304 | 5.5 | 5.5 |
| Howard M | 7-27-20 | ☑ ON ☐ OFF | 09999.1 | 567 | 304 | 5.5 | 5.5 |
| Howard M | 7-29-20 | ☑ ON ☐ OFF | 10023.0 | 566 | 305 | 5.5 | 5.5 |
| Howard M | 7-30-20 | ☑ ON ☐ OFF | 10048.3 | 568 | 305 | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | | |
|---|---|---|---|---|---|---|---|
| | | | | Well | Total | | |
| Howard M | 8-3-20 | ☑ ON ☐ OFF | 10173.2 | 575 | 304 | 5.5 | 5.5 |
| Howard M | 8-4-20 | ☑ ON ☐ OFF | 10191.1 | 573 | 303 | 5.5 | 5.5 |
| Howard M | 8-5-20 | ☑ ON ☐ OFF | 10215.5 | 578 | 305 | 5.5 | 5.5 |
| Howard M | 8-6-20 | ☑ ON ☐ OFF | 10239.0 | 569 | 303 | 5.5 | 5.5 |
| Howard M | 8-9-20 | ☑ ON ☐ OFF | 10310.1 | 572 | 305 | 5.5 | 5.5 |
| Howard M | 8-10-20 | ☑ ON ☐ OFF | 10335.2 | 569 | 304 | 5.5 | 5.5 |
| Howard M | 8-11-20 | ☑ ON ☐ OFF | 10359.4 | 570 | 304 | 5.5 | 5.5 |
| Howard M | 8-12-20 | ☑ ON ☐ OFF | 10383.6 | 568 | 305 | 5.5 | 5.5 |
| Howard M | 8-17-20 | ☑ ON ☐ OFF | 10503.6 | 569 | 303 | 5.5 | 5.5 |
| Howard M | 8-18-20 | ☑ ON ☐ OFF | 10527.4 | 567 | 302 | 5.5 | 5.5 |
| Howard M | 8-19-20 | ☑ ON ☐ OFF | 10556.0 | 570 | 304 | 5.5 | 5.5 |
| Howard M | 8-20-20 | ☑ ON ☐ OFF | 10573.5 | 574 | 305 | 5.5 | 5.5 |
| Howard M | 8-23-20 | ☑ ON ☐ OFF | 10647.3 | 563 | 302 | 5.5 | 5.5 |
| Howard M | 8-24-20 | ☑ ON ☐ OFF | 10671.0 | 576 | 304 | 5.5 | 5.5 |
| DENISE C | 8-28-20 | ☑ ON ☐ OFF | 10769.0 | 571 | 305 | 5.5 | 5.5 |
| Howard M | 8-29-20 | ☑ ON ☐ OFF | 10793.1 | 570 | 304 | 5.5 | 5.5 |
| Howard M | 8-30-20 | ☑ ON ☐ OFF | 10831.4 | 574 | 305 | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 4 (Circle One)

Readings/Observations to be recorded by AvalonBay Site Representative.

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | WELL | TOAL | Observations | |
|---|---|---|---|---|---|---|---|
| Howard M | 8-31-20 | ☑ ON ☐ OFF | 10855.9 | 568 | 304 | 5.5 | 5.5 |
| Howard M | 9-2-20 | ☑ ON ☐ OFF | 10888.1 | 570 | 305 | 5.5 | 5.5 |
| Howard M | 9.3-20 | ☑ ON ☐ OFF | 10912.7 | 563 | 303 | 5.5 | 5.5 |
| Howard M | 9-6-20 | ☑ ON ☐ OFF | 10988.3 | 568 | 305 | 5.5 | 5.5 |
| Howard M | 9-8-20 | ☑ ON ☐ OFF | 11030.7 | 567 | 303 | 5.5 | 5.5 |
| Howard M | 9-9-20 | ☑ ON ☐ OFF | 11054.5 | 564 | 305 | 5.5 | 5.5 |
| Howard M | 9-10-20 | ☑ ON ☐ OFF | 11078.7 | 570 | 304 | 5.5 | 5.5 |
| Howard M | 9 14 20 | ☑ ON ☐ OFF | 11177.2 | 567 | 305 | 5.5 | 5.5 |
| Howard M | 9 15 20 | ☑ ON ☐ OFF | 11200.0 | 565 | 303 | 5.5 | 5.5 |
| Howard M | 9 16 20 | ☑ ON ☐ OFF | 11224.3 | 569 | 304 | 5.5 | 5.5 |
| Louise C | 9R 20 | ☑ ON ☐ OFF | 11276.2 | 576 | 304 | 5.5 | 5.5 |
| Howard M | 9.21-20 | ☑ ON ☐ OFF | 11344.7 | 573 | 305 | 5.5 | 5.5 |
| Howard M | 9-22-20 | ☑ ON ☐ OFF | 11368.1 | 572 | 305 | 5.5 | 5.5 |
| Howard M | 9-23-20 | ☑ ON ☐ OFF | 11390.2 | 569 | 303 | 5.5 | 5.5 |
| Howard M | 9-24-20 | ☑ ON ☐ OFF | 11415.3 | 570 | 302 | 5.5 | 5.5 |
| Howard M | 9-28-20 | ☑ ON ☐ OFF | 11510.5 | 576 | 304 | 5.5 | 5.5 |
| Howard M | 9-29-20 | ☑ ON ☐ OFF | 11535.2 | 575 | 302 | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 (4) (Circle One)

Readings/Observations to be recorded by AvalonBay Site Representative.

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations | | | |
|---|---|---|---|---|---|---|---|
| | | | | | Wall | Total | |
| Howard M | 9-30-20 | ☑ ON ☐ OFF | 11559.2 | 569 | 304 | 5.5 | 5.5 |
| Howard M | 10-1-20 | ☑ ON ☐ OFF | 11589.0 | 571 | 305 | 5.5 | 5.5 |
| Howard M | 10-5-20 | ☑ ON ☐ OFF | 11677.4 | 575 | 303 | 5.5 | 5.5 |
| Howard M | 10-6-20 | ☑ ON ☐ OFF | 11701.0 | 578 | 305 | 5.5 | 5.5 |
| Howard M | 10-7-20 | ☑ ON ☐ OFF | 11726.7 | 570 | 304 | 5.5 | 5.5 |
| Howard M | 10-12-20 | ☑ ON ☐ OFF | 11847.6 | 589 | 304 | 5.5 | 5.5 |
| Howard M | 10-13-20 | ☑ ON ☐ OFF | 11872.4 | 571 | 303 | 5.5 | 5.5 |
| Howard M | 10-14-20 | ☑ ON ☐ OFF | 11896.2 | 577 | 305 | 5.5 | 5.5 |
| Howard M | 10-15-20 | ☑ ON ☐ OFF | 11920.0 | 574 | 304 | 5.5 | 5.5 |
| Howard M | 10-19-20 | ☑ ON ☐ OFF | 12008.9 | 578 | 305 | 5.5 | 5.5 |
| Howard M | 10-20-20 | ☑ ON ☐ OFF | 12037.5 | 574 | 304 | 5.5 | 5.5 |
| Howard M | 10-21-20 | ☑ ON ☐ OFF | 12061.6 | 570 | 303 | 5.5 | 5.5 |
| Howard M | 10-22-20 | ☑ ON ☐ OFF | 12085.2 | 571 | 305 | 5.5 | 5.5 |
| Howard M | 10-26-20 | ☑ ON ☐ OFF | 12188.3 | 572 | 304 | 5.5 | 5.5 |
| Howard M | 10-27-20 | ☑ ON ☐ OFF | 12212.0 | 580 | 303 | 5.5 | 5.5 |
| Howard M | 10-28-20 | ☑ ON ☐ OFF | 12236.3 | 575 | 305 | 5.5 | 5.5 |
| Howard M | 10-29-20 | ☑ ON ☐ OFF | 12261.5 | 571 | 303 | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 (4) (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Well | TOTAL | Observations | Pre | Post |
|---|---|---|---|---|---|---|---|---|
| Denise C | 10.30.20 | ☑ ON ☐ OFF | 12,278.0 | 578 | 303 | | 5.5 | 5.5 |
| Howard M | 11.1.20 | ☑ ON ☐ OFF | 12302.3 | 576 | 303 | | 5.5 | 5.5 |
| Howard M | 11.2.20 | ☑ ON ☐ OFF | 12326.5 | 575 | 302 | | 5.5 | 5.5 |
| Howard M | 11-3-20 | ☑ ON ☐ OFF | 12351.0 | 578 | 301 | | 5.5 | 5.5 |
| Howard M | 11-4-20 | ☑ ON ☐ OFF | 12375.4 | 576 | 304 | | 5.5 | 5.5 |
| Howard M | 11.9.20 | ☑ ON ☐ OFF | 12515.6 | 578 | 303 | | 5.5 | 5.5 |
| Howard M | 11-10-20 | ☑ ON ☐ OFF | 12539.2 | 575 | 304 | | 5.5 | 5.5 |
| Howard M | 11-11-20 | ☑ ON ☐ OFF | 12563.6 | 572 | 302 | | 5.5 | 5.5 |
| Howard M | 11-12-20 | ☑ ON ☐ OFF | 12587.4 | 576 | 303 | | 5.5 | 5.5 |
| Howard M | 11-16-20 | ☑ ON ☐ OFF | 12688.5 | 578 | 305 | | 5.5 | 5.5 |
| Denise C | 11-24-20 | ☑ ON ☐ OFF | 12902.1 | 581 | 303 | | 5.5 | 5.5 |
| Howard M | 11 25 20 | ☑ ON ☐ OFF | 12903.6 | 579 | 304 | | 5.5 | 5.5 |
| Howard M | 11-29-20 | ☑ ON ☐ OFF | 13001.0 | 578 | 302 | | 5.5 | 5.5 |
| Howard M | 11-30-20 | ☑ ON ☐ OFF | 13023.5 | 579 | 304 | | 5.5 | 5.5 |
| Howard M | 12-1-20 | ☑ ON ☐ OFF | 13049.2 | 576 | 302 | | 5.5 | 5.5 |
| Denise C. | 12-2-20 | ☑ ON ☐ OFF | 13071.7 | 581 | 304 | | 5.5 | 5.5 |
| Howard M | 12-3-20 | ☑ ON ☐ OFF | 13095.2 | 578 | 302 | | 5.5 | 5.5 |

## ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK

ZONE: 1 2 3 (4) (Circle One)

**Readings/Observations to be recorded by AvalonBay Site Representative.**

1. Record Inspector Name and Date.
2. Observe and record if blower is on or off. **If blower is off, immediately notify an emergency contact listed on attached page.**
3. Observe and record the elapsed runtime.
4. Record any other comments e.g., unusual odors, spills, leaks, etc. **If such conditions exsist, immediately notify an emergency contact listed on attached page.**
5. Retain this page on-site for collection by ATC Associates.
6. Conduct inspections daily during first month of operation and weekly thereafter.

| Inspector Name | Date | Blower On/Off | Runtime (hours) | Observations (Well 1 / Total) | | |
|---|---|---|---|---|---|---|
| Howard M | 12-7-20 | ☑ ON ☐ OFF | 13216.5 | 575 | 303 | 5.5 - 5.5 |
| Howard M | 12-9-20 | ☑ ON ☐ OFF | 13240.1 | 578 | 302 | 5.5 - 5.5 |
| Howard M | 12-10-20 | ☑ ON ☐ OFF | 13264.2 | 580 | 305 | 5.5 - 5.5 |
| Howard M | 12-11-20 | ☑ ON ☐ OFF | 13288.9 | 576 | 303 | 5.5 - 5.5 |
| Howard M | 12-13-20 | ☑ ON ☐ OFF | 13336.7 | 579 | 304 | 5.5 - 5.5 |
| Howard M | 12-14-20 | ☑ ON ☐ OFF | 13360.2 | 575 | 303 | 5.5 5.5 |
| Howard M | 12-15-20 | ☑ ON ☐ OFF | 13384.0 | 580 | 305 | 5.5 5.5 |
| Howard M | 12-16-20 | ☑ ON ☐ OFF | 13408.6 | 574 | 304 | 5.5 5.5 |
| Howard M | 12-20-20 | ☑ ON ☐ OFF | 13529.2 | 576 | 303 | 5.5 5.5 |
| Howard M | 12-21-20 | ☑ ON ☐ OFF | 13527.6 | 581 | 303 | 5.5 5.5 |
| Howard M | 12-22-20 | ☑ ON ☐ OFF | 13559.9 | 576 | 304 | 5.5 5.5 |
| Howard M | 12-23-20 | ☑ ON ☐ OFF | 13584.2 | 575 | 304 | 5.5 5.5 |
| Howard M | 12-24-20 | ☑ ON ☐ OFF | 13668.3 | 580 | 302 | 5.5 5.5 |
| Howard M | 12-27-20 | ☑ ON ☐ OFF | 13682.4 | 575 | 303 | 5.5 5.5 |
| Howard M | 12-28-20 | ☑ ON ☐ OFF | 13706.5 | 576 | 305 | 5.5 5.5 |
| Howard M | 12-29-20 | ☑ ON ☐ OFF | 13730.0 | 578 | 302 | 5.5 5.5 |
| eas/ds/lga | 01/04/21 | ☑ ON ☐ OFF | 13761.3 | 580 | 303 | 5.5 5.5 |

# Appendix C - Site-wide Inspection Log

**SITE WIDE INSPECTION FORM**
**QUEENS WEST PARCEL 9**
**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**Inspector:** Denise Cosenza

**Date:** December 2, 2020

**1. Site Use Restrictions**

No on-site vegetable gardens?

None

No groundwater withdrawal for potable/non-potable use?

None

Restricted residential maintained (single owner, or common ownership)?

yes

**2. Site Cap**

Note the date that the annual site cap inspection was performed:

December 2, 2020

Repairs made as noted during inspection?

None Noted - Not Applicable (N/A)

**3. Soil Management**

Note the date(s) of any soil disturbance activities conducted during the past year:

N/A

Proper soil management procedures implemented (cite appropriate close out reports)?

N/A

**4. Groundwater Monitoring**

Monitoring being conducted on a quarterly basis (note the dates of sampling conducted)?

N/A

All on-site monitoring wells in working condition (note any repairs/replacement)?

N/A

**5. Vapor Discharge Monitoring**

Monitoring being conducted on a quarterly basis (note the dates of sampling conducted)?

N/A

All vapor monitoring points in working condition (note any repairs/replacement)?

N/A

**SITE WIDE INSPECTION FORM**
**QUEENS WEST PARCEL 9**
**48th AVE. AND CENTER BLVD., LONG ISLAND CITY, NEW YORK**

**6. Permits**

Do vapor emissions meet NYSDEC regulatory standards?

N/A

**7. Vapor mitigation system O&M**

Are routine system check logs being completed by on-site representative?

YES

Are Periodic Inspections being conducted as scheduled (note the dates of all inspections)?

YES, 1/16/20, 2/27/20, 3/19/20, 4/16/20, 5/6/20, 6/9/20, 7/9/20
8/28/20, 9/18/20, 10/30/20, 11/24/20, 12/2/20,

**8. Recordkeeping**

Check that the following records/reports are being maintained/completed (note report/log dates as appropriate):

1) Annual site cap inspection log

YES - 12-2-2020

2) Close-out report(s) for soil disburbance activities (including manifests for soil disposal)

N/A

3) Annual groundwater monitoring reports (including laboratory analytical data reports/groundwater contours)

N/A

4) Annual vapor discharge monitoring reports

N/A

5) Routine System Check Log for vapor mitigation system

YES

6) Periodic Inspection Log for vapor mitigation system

YES

7) Annual vapor mitigation system O&M reports

YES

**9. Comments**

(Note any deficiencies and recommendations for corrective actions.)

NONE

# Appendix D - Institutional and Engineering Control Certification Form

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**
**Division of Environmental Remediation**
**625 Broadway, 11th Floor, Albany, NY 12233-7020**
**P: (518)402-9543 | F: (518)402-9547**
**www.dec.ny.gov**

1/13/2021

Baris Sevinc
Avalon Riverview III, LLC, c/o AvalonBay Communities, Inc.
1633 broadway, Suite 22B
New York, NY 10019
baris_sevinc@avalonbay.com

**Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal**
**Site Name:** Queens West (Hunter's Point) Parcel 9
**Site No.:** C241049
**Site Address:** 4-75 48th Avenue
Long Island City, NY 11101

Dear Baris Sevinc:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **January 30, 2021**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Qualified Environmental Professional (QEP). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.



All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Sondra Martinkat, the Project Manager, at 718-482-4891 or sondra.martinkat@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

NYCDOT Attn: Division Of Legal Affairs - swynn@esd.ny.gov

ec: w/ enclosures

Sondra Martinkat, Project Manager

Jane O'Connell, Hazardous Waste Remediation Supervisor, Region 2

ATC Group Services LLC - Denise Cosenza - denise.cosenza@atcassociates.com

**Enclosure 1**

**Certification Instructions**

**I. Verification of Site Details** (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

**II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)**(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

**III. IC/EC Certification by Signature (**Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the 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. C241049**

**Site Name Queens West (Hunter's Point) Parcel 9**

Site Address: 4-75 48th Avenue Zip Code: 11101
City/Town: Long Island City
County: Queens
Site Acreage: 1.800

Reporting Period: December 31, 2019 to December 31, 2020

| | YES | NO |
|---|---|---|
| 1. Is the information above correct? | ☒ | ☐ |
| 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? | ☐ | ☒ |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | ☐ | ☒ |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | ☐ | ☒ |
| **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? | ☐ | ☒ |

**Box 2**

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

**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? | ☐ | ☒ |
| **If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.** | | |
| 9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years) | ☒ | ☐ |
| **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. C241049** **Box 3**

**Description of Institutional Controls**

| Parcel | Owner | Institutional Control |
|---|---|---|
| | NYCDOT attn: Division of Legal Affairs | Ground Water Use Restriction<br>Landuse Restriction<br>Site Management Plan |

The site is limited to commercial use.
The groundwater underlying the Property may not be used without treatment rendering it safe for drinking water, as appropriate, unless the user first obtains permission to do so from the Department.

| | | |
|---|---|---|
| **19-1** | Queens West Development Corporation | Site Management Plan<br>Ground Water Use Restriction<br>Landuse Restriction |

The Controlled Property may be used for restricted residential use as long as the following long-term engineering and institutional controls are employed:

a) All engineering controls (including the site cover and sub-slab vapor depressurization system and active venting system) must be operated and maintained as specified in the NYSDEC-approved Site Management Plan (SMP). No Engineering or Institutional Controls may be discontinued without a NYSDEC-approved amendment or extinguishment of the Environmental Easement;
b) Annual inspections of the Site, certifications of Institutional and Engineering Controls and Site usage of the controlled property, and Site Management Reporting to the Department must be conducted in accordance with the NYSDEC-approved SMP;
c) all future soil disturbance activities on the Site that will impact residual contaminated material, including, but not limited to, building construction or expansion, subgrade utility line construction or repair, must be conducted in accordance with the Soil Management provisions in the NYSDEC-approved SMP;
d) Operation Monitoring and Maintenance (OM&M) of the sub-slab depressurization system must be performed in a manner specified in the NYSDEC-approved SMP;
e) Groundwater and other environmental or public health monitoring required by the NYSDEC-approved SMP must be performed in a manner specified in that Plan;
f) Onsite environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor probes, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the NYSDEC-approved SMP;
g) The use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for intended purpose; and
h) Vegetable gardens are prohibited.

The Controlled Property may not be used for a higher level of use such as unrestricted residential without proper notification of NYSDEC of the change of, approval of that use by the NYSDEC, and an amendment of the SMP approved by NYSDEC.

| | | |
|---|---|---|
| **19-19** | Queens West Development Corporation | Ground Water Use Restriction<br>Site Management Plan<br>Landuse Restriction |

The Controlled Property may be used for restricted residential use as long as the following long-term engineering and institutional controls are employed:

a) All engineering controls (including the site cover and sub-slab vapor depressurization system and active venting system) must be operated and maintained as specified in the NYSDEC-approved Site Management Plan (SMP). No Engineering or Institutional Controls may be discontinued without a NYSDEC-approved amendment or extinguishment of the Environmental Easement;
b) Annual inspections of the Site, certifications of Institutional and Engineering Controls and Site usage of the controlled property, and Site Management Reporting to the Department must be conducted in accordance with the NYSDEC-approved SMP;
c) all future soil disturbance activities on the Site that will impact residual contaminated material, including, but not limited to, building construction or expansion, subgrade utility line construction or repair, must be conducted in accordance with the Soil Management provisions in the NYSDEC-approved SMP;

d) Operation Monitoring and Maintenance (OM&M) of the sub-slab depressurization system must be performed in a manner specified in the NYSDEC-approved SMP;
e) Groundwater and other environmental or public health monitoring required by the NYSDEC-approved SMP must be performed in a manner specified in that Plan;
f) Onsite environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor probes, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the NYSDEC-approved SMP;
g) The use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for intended purpose; and
h) Vegetable gardens are prohibited.

The Controlled Property may not be used for a higher level of use such as unrestricted residential without proper notification of NYSDEC of the change of, approval of that use by the NYSDEC, and an amendment of the SMP approved by NYSDEC.

**19-5** Queens West Development Corporation

Site Management Plan
Landuse Restriction
Ground Water Use Restriction

The Controlled Property may be used for restricted residential use as long as the following long-term engineering and institutional controls are employed:

a) All engineering controls (including the site cover and sub-slab vapor depressurization system and active venting system) must be operated and maintained as specified in the NYSDEC-approved Site Management Plan (SMP). No Engineering or Institutional Controls may be discontinued without a NYSDEC-approved amendment or extinguishment of the Environmental Easement;
b) Annual inspections of the Site, certifications of Institutional and Engineering Controls and Site usage of the controlled property, and Site Management Reporting to the Department must be conducted in accordance with the NYSDEC-approved SMP;
c) all future soil disturbance activities on the Site that will impact residual contaminated material, including, but not limited to, building construction or expansion, subgrade utility line construction or repair, must be conducted in accordance with the Soil Management provisions in the NYSDEC-approved SMP;
d) Operation Monitoring and Maintenance (OM&M) of the sub-slab depressurization system must be performed in a manner specified in the NYSDEC-approved SMP;
e) Groundwater and other environmental or public health monitoring required by the NYSDEC-approved SMP must be performed in a manner specified in that Plan;
f) Onsite environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor probes, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the NYSDEC-approved SMP;
g) The use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for intended purpose; and
h) Vegetable gardens are prohibited.

The Controlled Property may not be used for a higher level of use such as unrestricted residential without proper notification of NYSDEC of the change of, approval of that use by the NYSDEC, and an amendment of the SMP approved by NYSDEC.

**Box 4**

**Description of Engineering Controls**

| Parcel | Engineering Control |
|---|---|
| **19-1** | Cover System<br>The composite cover system consisting of the asphalt and concrete of the roadway and sidewalk or a minimum of 1 foot of clean fill on any unpaved areas.<br>Subsurface Barriers<br>Vapor Mitigation<br>Cover System |

| Parcel | Engineering Control |
|---|---|
| **19-19** | Vapor Mitigation<br>Cover System<br>Subsurface Barriers |
| **19-5** | Vapor Mitigation<br>Cover System<br>Subsurface Barriers |

**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. C241049**

**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 J. Brad Romano (print name) at 1633 Broadway Suite 22B (print business address),

am certifying as Owner (Owner or Remedial Party)

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

J. [signature]
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

1/14/21
Date

## EC CERTIFICATIONS

**Box 7**

### Qualified Environmental Professional 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 **Gilbert Gedeon** at ATC Group Services, 104 E. 25th Street, New York, NY 10010,
print name — print business address

am certifying as a Qualified Environmental Professional for the **Queens West Development**
(Owner or Remedial Party)




| Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date |
|---|---|---|
| | | 1/29/21 |

# Appendix E - NYSDEC Site Management Modification Approval Letters

**New York State Department of Environmental Conservation**
**Division of Environmental Remediation**
47-40 21st Street, Long Island City, NY 11101
**Phone:** (718) 482-6454 • **Fax:** 718-482-6358
**Website:** www.dec.ny.gov

Joe Martens
Commissioner

June 4, 2013

Martin Piazzola
Avalon Bay Communities, Inc.
275 7th Avenue, 25th Floor
New York, NY 10001

Re: Site Management Plan (SMP) Modification Request
Queens West (Hunter's Point) Parcel 9, Long Island City
Queens County, Site No.: C241049

Dear Mr. Piazzola:

The New York State Department of Environmental Conservation has reviewed your letter dated March 26, 2013, requesting changes in the SMP requirements for monitoring soil vapor and groundwater. The requested changes for the sampling of soil vapor are under review and will be addressed in separate letter. In the meantime, the monitoring for soil vapor must continue as specified in the SMP. The request to change the frequency of groundwater monitoring from quarterly to semi-annually is approved.

The Site Management Plan must be updated to reflect the approved changes in the groundwater monitoring requirements. Please submit revised pages to the Department within 30 days from the date of this letter. Subsequent to the approval of the changed pages, a revised SMP (in pdf format) with an updated title page must be submitted.

If you have any questions, please contact me at 718-482-4891 or e-mail: smmartin@gw.dec.state.ny.us.

Sincerely,

Sondra Martinkat-Taule
Project Manager

ec: Jane O'Connell - NYSDEC
Dawn Hettrick - NYSDOH
Arana Hankin - QWDC
John Mascioli – Cardno

**New York State Department of Environmental Conservation**
**Division of Environmental Remediation, Region 2 Office**
47-40 21st Street, Long Island City, New York 11101
**Phone:** (718) 482-6454 • **Fax:** 718-482-6358
**Website:** www.dec.ny.gov

Joe Martens
Commissioner

December 20, 2013

Martin Piazzola
Avalon Riverview II, LLC
c/o Avalon Bay Communities, Inc.
275 Seventh Avenue, 25th Floor
New York, NY 10001

Re: Site Management Modification Approval
Queens West (Hunter's Point) Parcel 9, Long Island City
Queens County, Site No.: C241049

Dear Mr. Piazzola:

The New York State Department of Environmental Conservation (the Department), in conjunction with the New York State Department of Health, has reviewed the letter submitted by ATC-Cardno Inc, on behalf of Avalon Riverview II, LLC, on March 26, 2013, requesting modification to monitoring requirements specified in the Site Management Plan (SMP). The frequency of groundwater monitoring was the subject of a previous letter dated June 4, 2013. This letter addresses the request to alter the monitoring schedule for soil vapor effluent at the sub-slab depressurization systems (SSDS).

The Department hereby approves the request to modify the SMP. The quarterly sampling at the four SSDS zones may be discontinued. The carbon may be removed and properly disposed of, with documentation included in the Periodic Review Report. All other monitoring requirements remain in effect.

Within 30 days, please submit the appropriate sections of the SMP with revisions (in redline/strikeout mode if possible) to my attention, and include a revised cover page noting the modifications. Following approval of the revised SMP sections, the report will be distributed and a new copy placed in the project repository.

If you have any questions, or need additional forms, please contact me at 718-482-4891 or e-mail: smmartin@gw.dec.state.ny.us.

Sincerely,

Sondra Martinkat
Environmental Engineer 2

ec: Jane O'Connell – NYSDEC
Dawn Hettrick – NYSDOH
John Mascioli – ATC-Cardno

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Region 2**
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

November 24, 2015

David Lewis
Avalon Riverview II
c/o AvalonBay Communities, Inc.
Ballston Tower
671 N. Glebe Road, Suite 800
Arlington VA 22203

Re: Modification of Site Management Plan (SMP) for Queens West Parcel 9 ("Site")
Site ID No.: C241049
Long Island City, Queens County

Dear Mr. Lewis:

The New York State Department of Environmental Conservation has reviewed the February 12, 2015 request to modify the Site Management Plan with respect to semi-annual groundwater monitoring. The request to discontinue monitoring is approved.

Please maintain wells MW-2 and MW-8 to be available for gauging and monitoring by Queens West Development Corp. for the Queens West Center Blvd. Voluntary Cleanup Program site, V00194A. You must decommission the remaining wells in accordance with NYSDEC CP-43 Groundwater Well Decommissioning Policy, which can be found at http://www.dec.ny.gov/regulations/2393.html.

The Site Management Plan must updated to reflect the approved changes. Submit the section number and the text that will replace the current SMP section(s). The title page has to be updated also. Once reviewed, a new PDF document of the SMP will be reissued to the Department and to all repositories.

If you have any questions, please contact me at 718-482-4891, or email me at Sondra.martinkat@dec.ny.gov .

Sincerely,

Sondra Martinkat
Project Manager

cc: Jane O'Connell – NYSDEC
Denise Cosenza, Gil Gedeon – ATC Cardno
Simon Wynn – QWDC
Steve Panter – FLS

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Region 2**
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

March 22, 2016

David Lewis
AvalonBay Communities, Inc.
1499 Post Road, 2nd floor
Fairfield, CT 06824

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
Queens West (Hunter's Point) Parcel 9, Long Island City
Queens County, Site No.: C241049

Dear Mr. Lewis (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: 12/31/2014 to 12/31/2015.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is one (1) year, and your next PRR is due on January 30, 2017. You will receive a reminder letter and updated certification form 45-days prior to the due date.

A letter was sent on November 24, 2015 with instructions to close all groundwater wells except MW-2 and MW-8. It is my understanding that these wells have not yet been decommissioned. Please decommission all wells *including* MW-2 and MW-8 within the next 90 days in accordance with CP-43. Submit documentation in the next PRR.

If you have any questions, please contact me at 718-482-4891 or e-mail: Sondra.martinkat@dec.ny.gov .

Sincerely,

Sondra Martinkat
Project Manager

ec: Jane O'Connell – NYSDEC
Dawn Hettrick – NYSDOH
Simon Wynn, Esq. – Queens West Development Corporation
Matthew Ulrich – Avalon Bay Communities
Gil Gedeon, Denise Cosenza – ATC Cardno

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Division of Environmental Remediation, Region 2**
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

March 23, 2020

Avalon Riverview III, LLC, c/o AvalonBay Communities, Inc.
Michael Simpson
1633 Broadway, Suite 22B
New York, NY 10019

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
Queens West (Hunter's Point) Parcel 9, Long Island City
Queens County, Site No.: C241049

Dear Mr. Simpson (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: December 31, 2018 to December 31, 2019.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is 1 year, and your next PRR is due on February 1, 2021. You will receive a reminder letter and updated certification form 45-days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 718-482-4891 or e-mail: sondra.martinkat@dec.ny.gov.

Sincerely,

*SMartinkat*

Sondra Martinkat
Project Manager

ec: Jane O'Connell – NYSDEC
Scarlett McLaughlin, Steve Berninger – NYSDOH
Tobi Jaiyesimi, Simon Wynn, Esq. – Queens West Development Corporation
Angel Malik – Avalon Bay Communities
Gil Gedeon, Denise Cosenza – ATC

# Appendix F - Disposal Documentation

# RECOVERY ENVIRONMENTAL SERVICES, INC.

51 U.S. Highway 206 • Suite 102 • Augusta, New Jersey 07822
Phone: (973) 940-3144 • Fax: (973) 940-3146

## DAILY JOB REPORT

Company ATC
Street 4-75 48TH AVE
City, State, Zip LIC NY
Location of Work 48+5
Contact JOHN Telephone
Change of Scope (Call your supervisor)

Job Complete ❑ Yes ❑ No Lunch Taken ❑ Yes ❑ No

Day/Date 2-19-14 WED Job Number
Tail Gate Safety Meeting - Time Supervisor/Foreman CULIN
Job Description
DISCONNECT CARBON DRUM'S
AND REMOVE OFF SITE RECONNECT SYSTEM
WITH OUT CARBON AS TO CUSTUMER

| Name | Left Shop | On Site | Left Site | At Shop | Total |
|---|---|---|---|---|---|
| CULIN | 500 | 700 | 930 | | |
| KEVIN | 500 | 700 | 930 | | |

| Equipment - Type | Qty. |
|---|---|
| RACK TRUCK | |
| DRUM CART | |
| MISC HAND TOOL'S | |

| Material - Type | Qty. |
|---|---|

C.U.L.

Customer

White - CORPORATE OFFICE Canary - BRANCH OFFICE Pink - CUSTOMER Gold - OFFICE

THIS MEMORANDUM is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

Carrier's Name: RECOVERY ENVIRONMENTAL SERVICES INC Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of lading,

at 4-75 48th Ave LIC (Date) 2-19-14 FROM AIC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in the Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address for purposes of notification only.)

Consigned TO _____

On Collect on Delivery Shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

Destination _____ Street _____ City _____

_____ County _____ State _____ Zip _____

Route _____ Delivery Address ★ _____

(★To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Delivering Carrier _____ Car or Vehicle Initials and No. _____

Collect on Delivery $ _____ And Remit to _____

_____ Street _____ City _____ State _____

| No. Packages | H.M. | Kind of Package, Description of Articles, Special Marks, and Exceptions | *Weight (Subject to Correction) | Class or Rate | Check Column |
|---|---|---|---|---|---|
| 2 | | 55 Gallon Drum's (HAZ'Bus) | 1000 LBS. | DR | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.
NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

**The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding** _____ per _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of consignor.)

**C. O. D.** Charges to be Paid by
☐ Shipper ☐ Consignee

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

† "The fibre containers used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Rule 41 of the Uniform Freight Classification and Rule 5 of the National Motor Freight Classification."
† Shipper's imprint in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission.

_____ Shipper, Per _____ Agent

Permanent post-office address of shipper, _____ Per _____

3

# Appendix G – Well Decommissioning Records

FIGURE 3

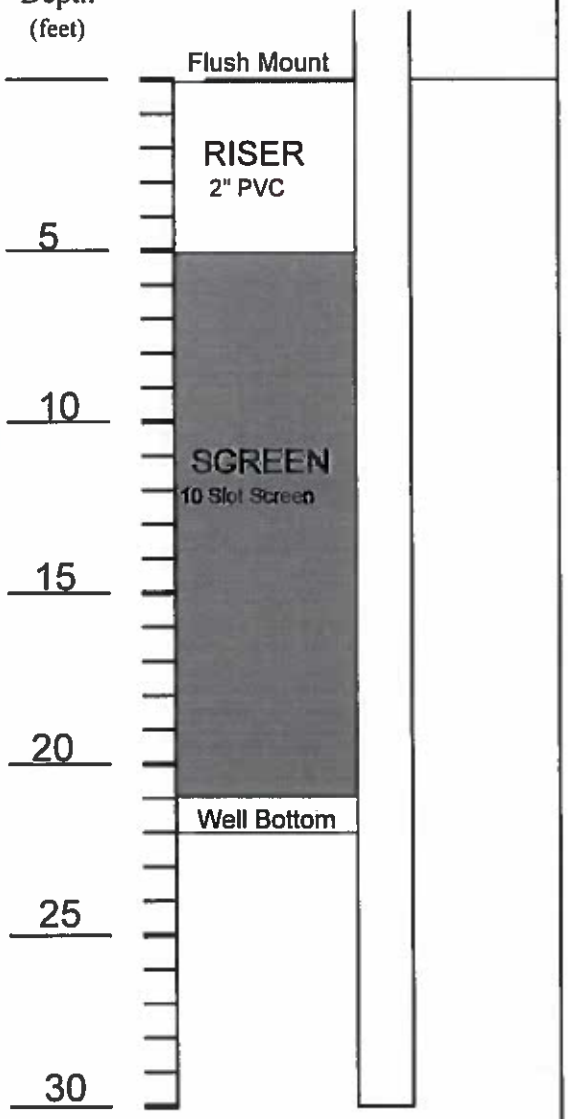
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-11R |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 5, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-22 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | Type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 4 |

## WELL SCHEMATIC*




COMMENTS: flush mount removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

FIGURE 3

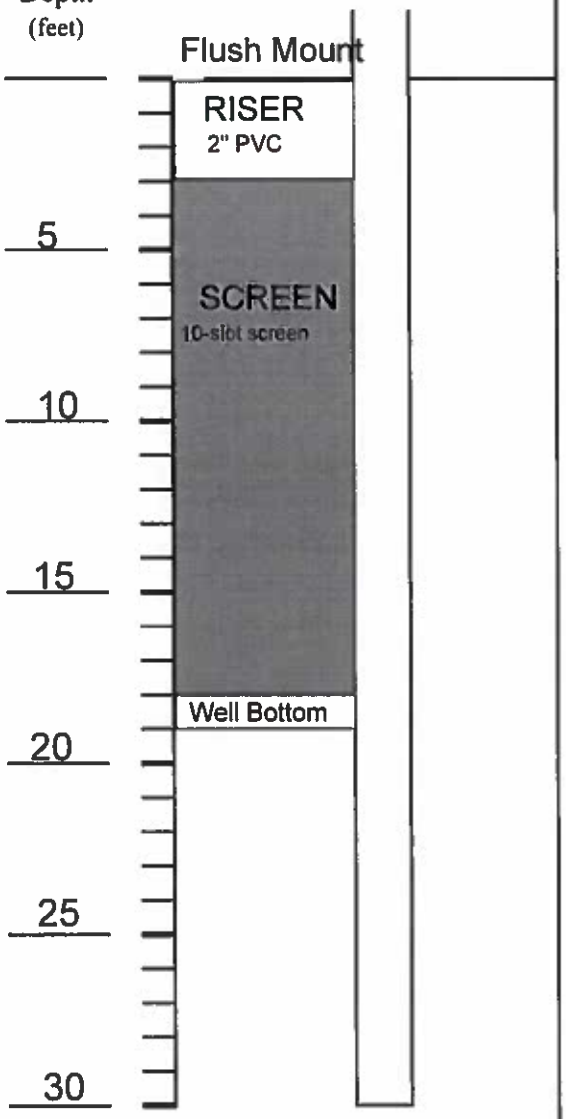
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-12R |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 5, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-19 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | Type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 4 |

## WELL SCHEMATIC*




COMMENTS: Flush mount removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

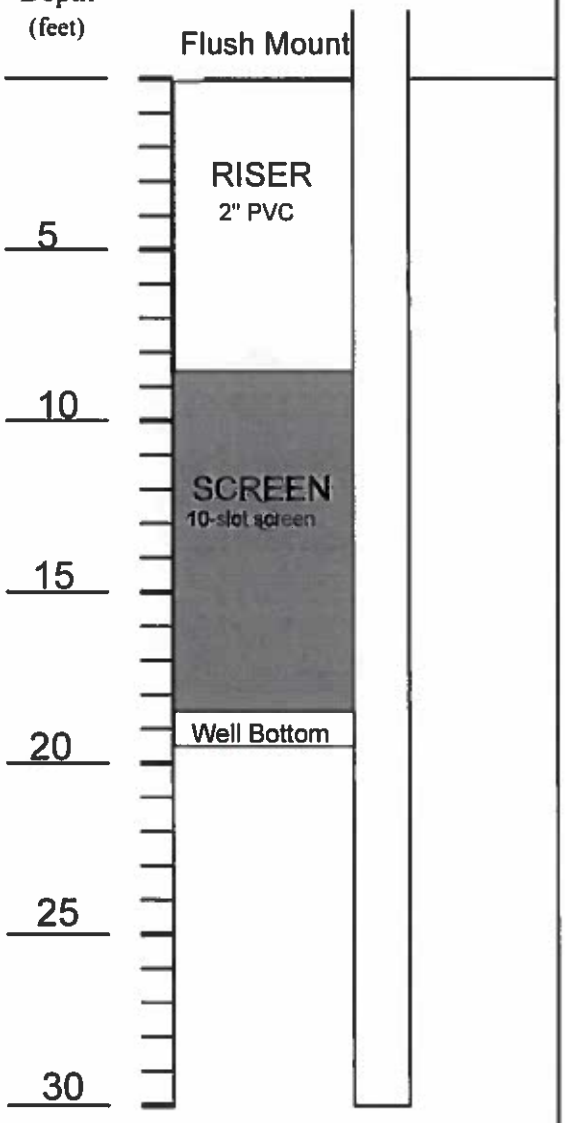
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-14 |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 5, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-19.5 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | Type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 4 |

## WELL SCHEMATIC*




COMMENTS: Flush mount removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

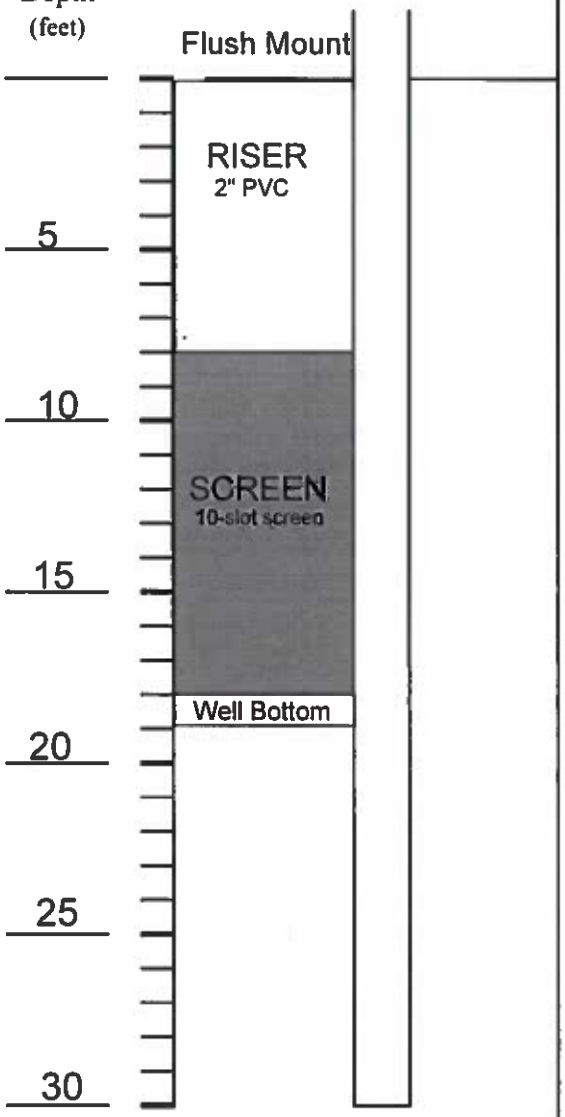
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-16 |
| Site Location: Queens, New York | Driller: CTJ |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 5, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-19 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | Type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 4 |

## WELL SCHEMATIC*




COMMENTS: Flush mount removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

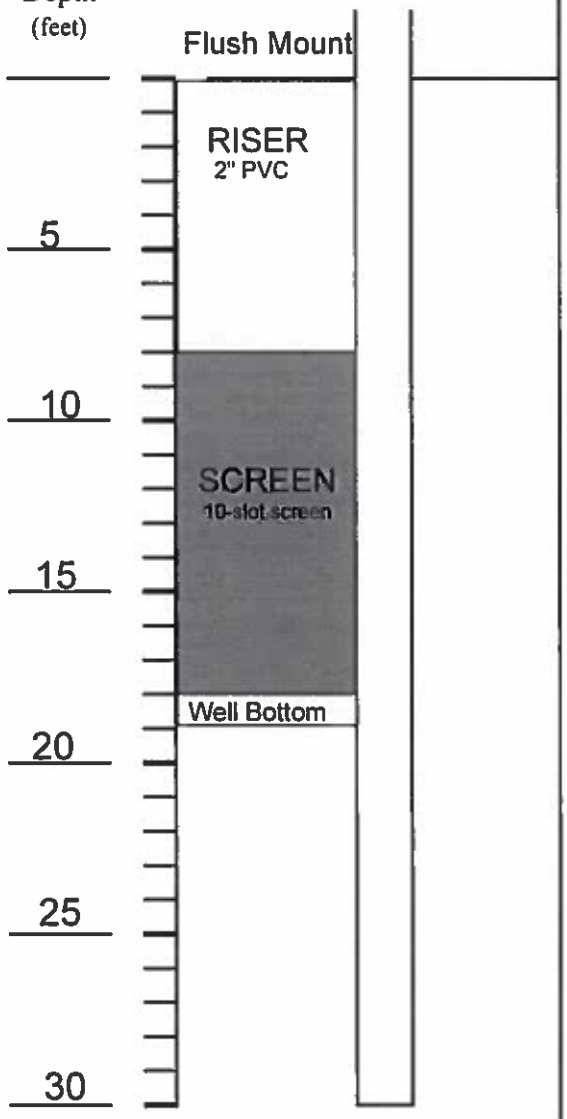
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-17 |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 5, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-19 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 4 |

## WELL SCHEMATIC*




COMMENTS: Flush mt. removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

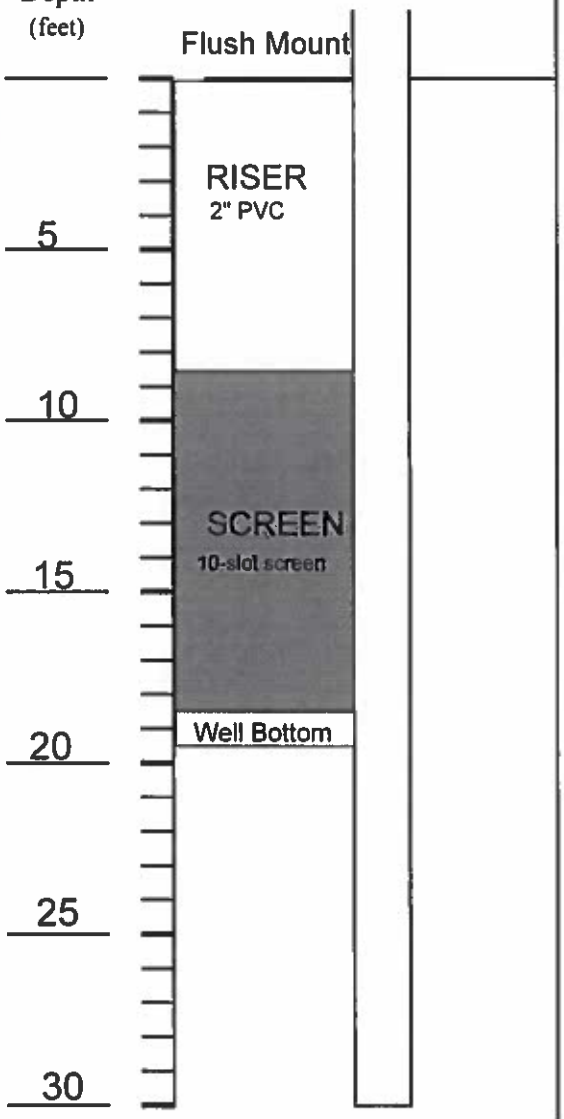
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-15 |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 6, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-20 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | type 1 |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 4 |

## WELL SCHEMATIC*




COMMENTS: Flush mount removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

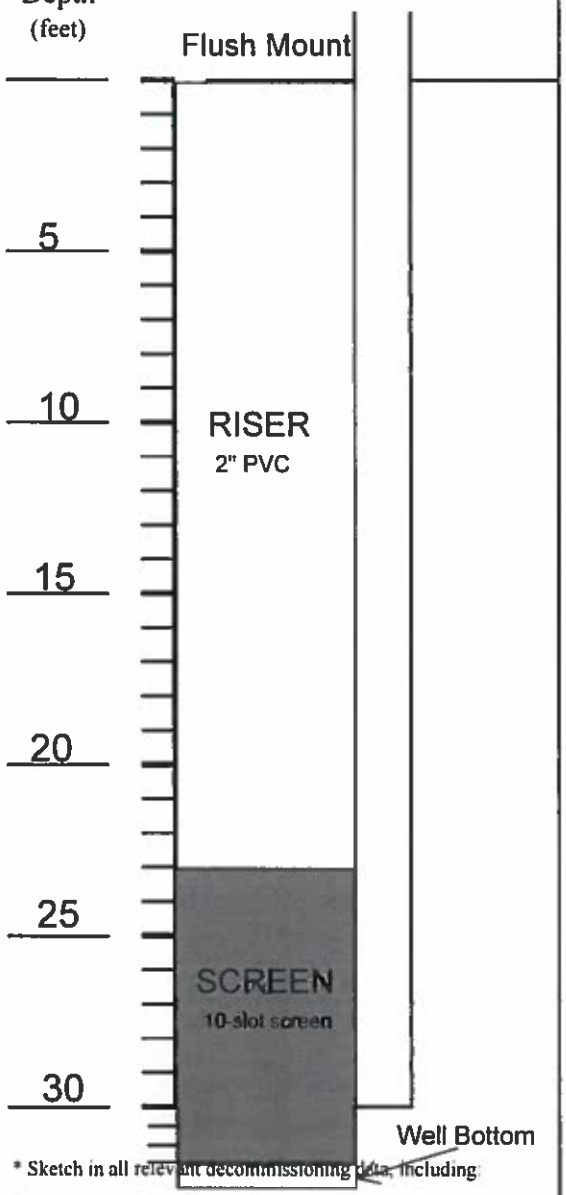
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-2 |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 6, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-34 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | Type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 17 |
| Volume of grout used (gal.) | 6 |

## WELL SCHEMATIC*




* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

COMMENTS: Flush mount removed

Drilling Contractor

Department Representative

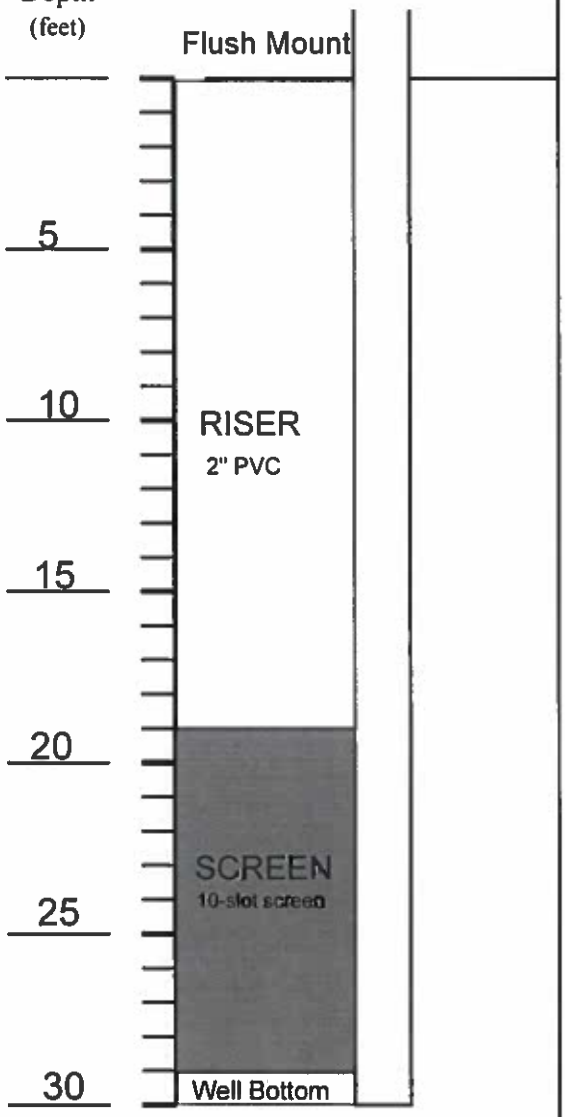
FIGURE 3
# WELL DECOMMISSIONING RECORD

| | |
|---|---|
| Site Name: Queens West Development Parcel 9 | Well I.D.: MW-8 |
| Site Location: Queens, New York | Driller: CTS |
| Drilling Co.: Zebra Technical Services, LLC | Inspector: Denise Cosenza |
| | Date: April 6, 2016 |

## DECOMMISSIONING DATA
(Fill in all that apply)

| | |
|---|---|
| **OVERDRILLING** | |
| Interval Drilled | |
| Drilling Method(s) | |
| Borehole Dia. (in.) | |
| Temporary Casing Installed? (y/n) | |
| Depth temporary casing installed | |
| Casing type/dia. (in.) | |
| Method of installing | |
| **CASING PULLING** | |
| Method employed | |
| Casing retrieved (feet) | |
| Casing type/dia. (in) | |
| **CASING PERFORATING** | |
| Equipment used | |
| Number of perforations/foot | |
| Size of perforations | |
| Interval perforated | |
| **GROUTING** | |
| Interval grouted (FBLS) | 0-30 |
| # of batches prepared | 1 |
| For each batch record: | |
| Quantity of water used (gal.) | 8 |
| Quantity of cement used (lbs.) | 94 |
| Cement type | Type I |
| Quantity of bentonite used (lbs.) | 4 |
| Quantity of calcium chloride used (lbs.) | 0 |
| Volume of grout prepared (gal.) | 12 |
| Volume of grout used (gal.) | 6 |

## WELL SCHEMATIC*




COMMENTS: Flush mount removed

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative