Queens West Development

Parcel 9

QUEENS, NEW YORK

2019 Periodic Review Report and Annual Certification

NYSDEC BCP Number: C241049

ATC Project Number:

Z214DCAB01

Prepared for:

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JANUARY, 2020

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1.0 INTRODUCTION

In January of 2019, AvalonBay Communities Inc., (AvalonBay), retained ATC Group Services LLC (ATC) to prepare the Periodic Review Report (PRR) for 2019 (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 2019 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 11, 2019 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 11, 2019 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 2019 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 April of 2019, the Zone 3 Well Flow Rate Gauge was displaying inaccurate measurements, possibly due to a faulty sensor. Both the Well Flow Rate Gauge and the Total Flow Rate Gauge including displays and sensors were replaced. The system's motor continued to operate during this time. In July of 2019, the Well Flow Rate gauge's display was non-operational. A series of troubleshooting events between ATC and the manufacturer occurred between August 13, 2019 and December 3, 2019. During this time, although there were no readings for Zone 3, the system continued to operate.

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 188 to 367 cubic feet per minute (CFM), which are within the normal operating range of the blower. There were no flow readings for Zone 3 before the blower from July through the beginning of December 2019 due to the display malfunctioning and ongoing troubleshooting events. The total flow readings after the blower were also not displayed in July and August of 2019, although the motor and blower were running. The total flow readings after the blower taken in September through November were within normal range, 235 CFM for September, 248 CFM for October and 262 CFM for November. Following the replacement of equipment, the flow readings in Zone 3 appeared to return to the expected levels. 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 11, 2019, 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 2019 reporting period.
- All vacuum and flow rate measurements collected from the vapor mitigation system during the 2019 reporting period were within the operational ranges for the system blowers.

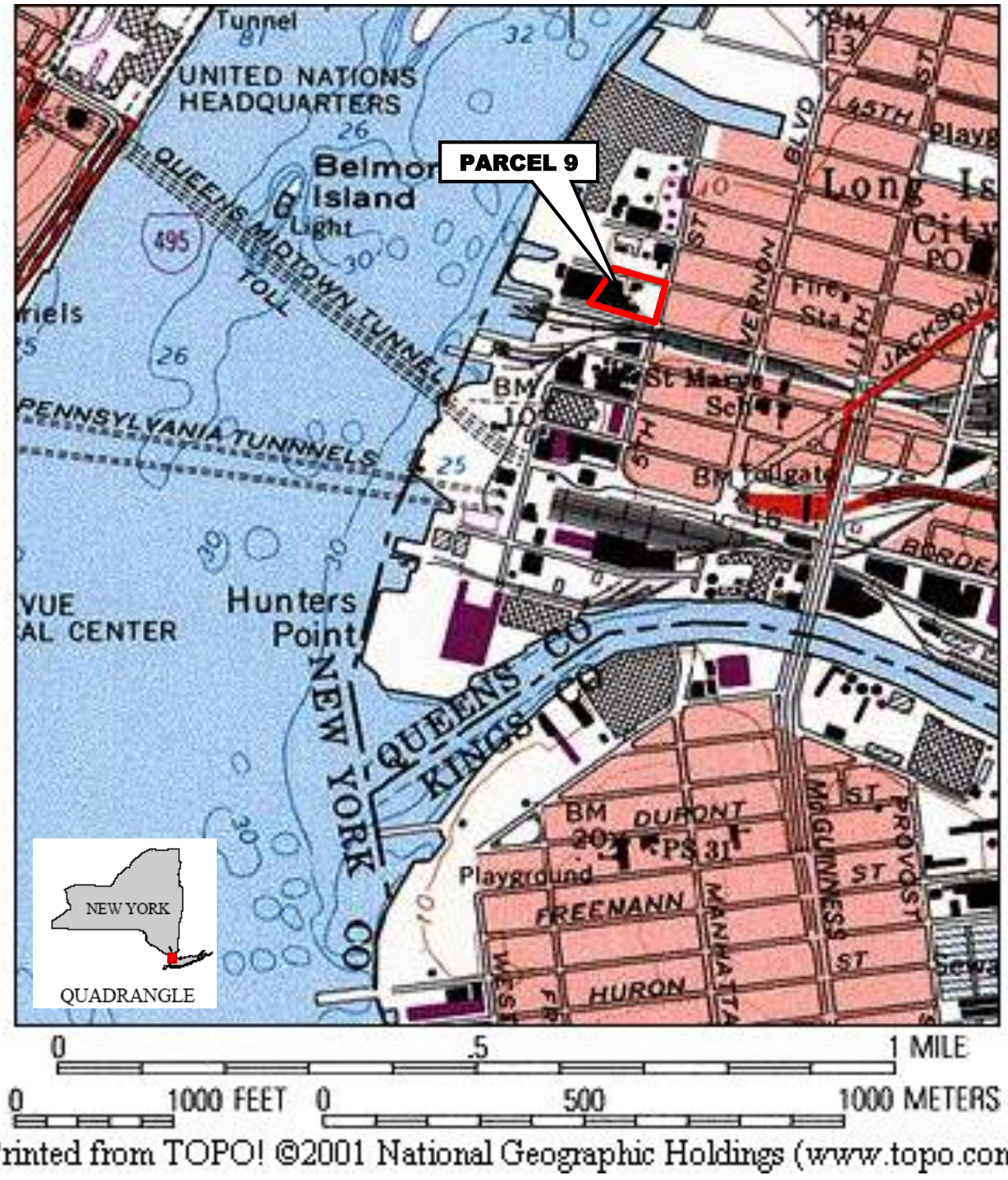
Based on review of the analytical and field data for the 2019 reporting year, ATC has the following recommendations:

- Continue the monitoring and reporting for the 2020 reporting period as identified in the modified SMP issued in April 2016.

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



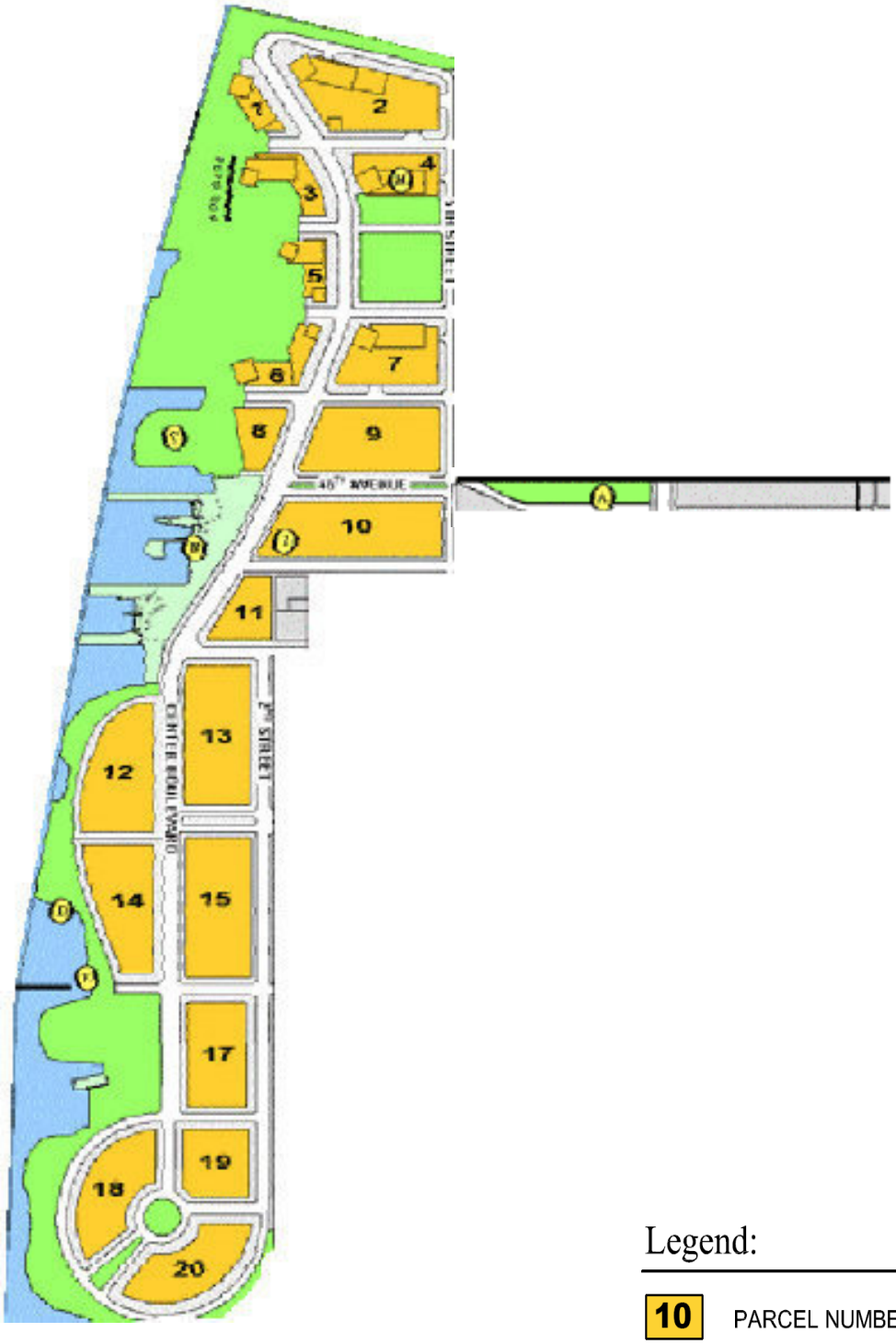
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USGS TOPO, Brooklyn, NY Quad.

FIGURE 1 – SITE LOCATION MAP

Client:	Avalon Bay Communities
Site:	Queens West Parcel 9
Project No.:	Z214DCAB01
Year:	1995
Scale:	As shown

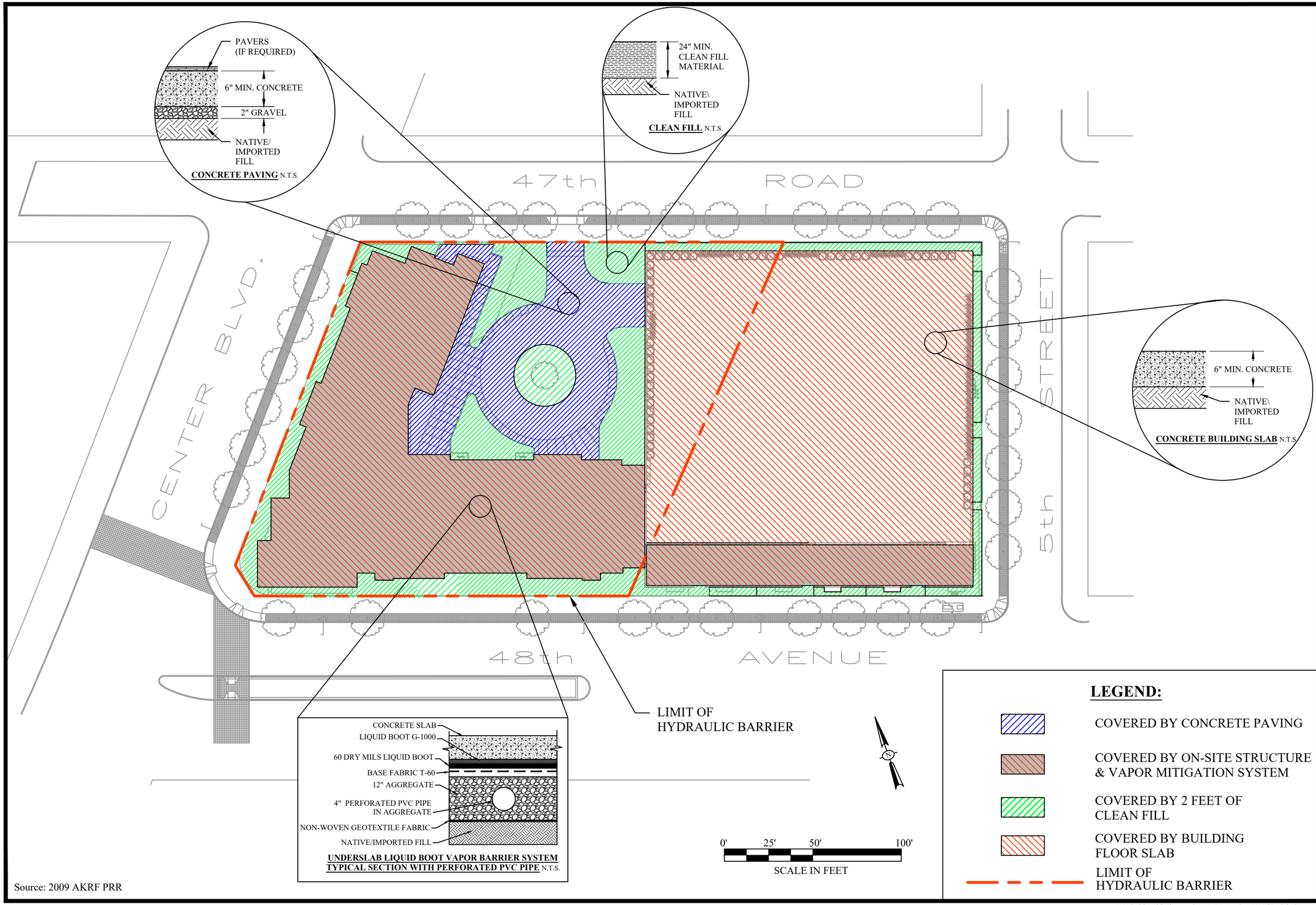


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FIGURE 2 – QUEENS WEST DEVELOPMENT PARCELS

Client: Avalon Bay Communities
Site: Queens West Parcel 9
Project No.: Z214DCAB01



Source: 2009 AKRF PRR

ATC — AN ATLAS COMPANY

QUEENS WEST PARCEL 9
QUEENS, NEW YORK

SITE PLAN & ENGINEERING CONTROLS

DATE
JANUARY 2020

SCALE
As shown

PROJECT No.
Z214DCAB01

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]
1/22/2019	On	95,601	3983.4	0.0	On	97,504	4062.7	0.0	On	95,480	3978.3	0.0	On	96,754	4031.4	0.0
2/14/2019	On	96,155	4006.5	0.0	On	98,161	4090.1	0.0	On	96,038	4001.6	0.0	On	97,307	4054.5	0.0
3/18/2019	On	96,804	4033.5	0.0	On	98,930	4122.1	0.0	On	96,724	4030.2	0.0	On	98,076	4086.5	0.0
4/12/2019	On	97,068	4044.5	0.0	On	99,533	4147.2	0.0	On	97,405	4058.5	0.0	On	98,678	4111.6	0.0
5/16/2019	On	97,855	4077.3	0.0	On	100,348	4181.1	0.0	On	98,220	4092.5	0.0	On	99,494	4145.6	0.0
6/14/2019	On	98,549	4106.2	0.0	On	101,042	4210.1	0.0	On	98,526	4105.2	0.0	On	98,500	4104.2	0.0
7/31/2019	On	99,677	4153.2	0.0	On	102,170	4257.1	0.0	On	100,042	4168.4	0.0	On	101,315	4221.5	0.0
8/2/2019	On	99,725	4155.2	0.0	On	102,217	4259.1	0.0	On	100,090	4170.4	0.0	On	101,363	4223.5	0.0
9/4/2019	On	100,511	4187.9	0.0	On	103,001	4291.7	0.0	On	100,876	4203.2	0.0	On	102,149	4256.2	0.0
10/23/2019	On	101,686	4236.9	0.0	On	104,183	4341.0	0.0	On	102,053	4252.2	0.0	On	103,329	4305.4	0.0
11/18/2019	On	102,237	4259.9	0.0	On	104,813	4367.2	0.0	On	102,682	4278.4	0.0	On	103,958	4331.6	0.0
12/20/2019	On	103,001	4291.7	0.0	On	105,576	4399.0	0.0	On	103,446	4310.2	0.0	On	104,722	4363.4	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

Date	Zone 1			Zone 2			Zone 3				Zone 4			
	Vacuum at Filter		Flow	Vacuum at Filter		Flow	Vacuum at Filter		Flow		Vacuum at Filter		Flow	
	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)
1/22/2019	7.0	7.5	326	9.5	9.5	359	11.0	11.5	4001	320	5.0	5.5	578	307
2/14/2019	7.0	7.5	326	9.5	9.5	335	10.0	10.0	5215	365	5.0	5.5	579	306
3/18/2019	7.0	7.0	325	9.5	9.5	344	10.0	10.0	5216	367	5.0	5.5	580	304
4/12/2019	7.0	7.5	327	9.5	9.5	345	9.5	10.0	262	188	5.5	6.0	581	305
5/16/2019	7.5	7.5	323	9.5	9.5	349	10.0	10.5	189	262	5.0	5.5	577	305
6/14/2019	7.5	7.5	322	9.5	9.5	346	10.0	10.5	187	261	5.0	5.5	577	303
7/31/2019	7.5	7.5	320	9.5	9.5	333	10.5	11.5	*	*	5.0	5.5	568	304
8/2/2019	7.5	7.5	321	9.5	9.5	347	10.5	10.8	*	*	5.0	5.5	565	303
9/4/2019	7.5	7.5	325	9.5	9.5	336	11.5	12.0	*	235	5.0	5.5	303	304
10/23/2019	7.5	7.5	324	9.5	9.5	342	11.5	11.5	*	248	5.0	5.5	576	304
11/18/2019	7.0	7.5	328	9.5	9.5	330	11.0	11.0	*	262	5.0	5.5	575	302
12/20/2019	7.5	7.5	328	9.5	9.5	335	11.5	12.0	262	228	5.0	5.5	580	303

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 flow meters were non-functional and readings could not be taken

BA25:I26

APPENDICES

Appendix A - Site Cover Inspection Log and Photographs

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

Inspector: Denise Cosenza

Date: December 11, 2019

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 hairline 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

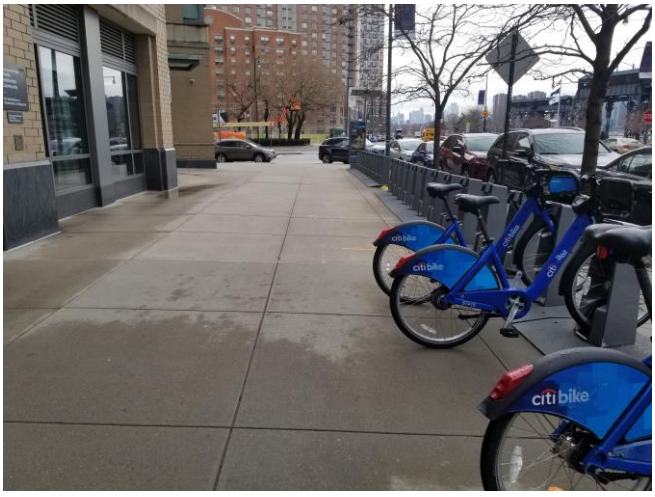


Photo 3: View of paving along Center Blvd. looking south @ Center Blvd & 48th Ave. intersection.



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



Photo 5: View of typical landscaping and paving along 47th Rd. looking west @ 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 parking area at grade.

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:	Jesse Cosenza	**Date:**	January 22, 2019
Time IN:	8:30	**Time OUT:**	11:00

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	95,600.7	326	
Zone 2	97,605.4	359	
Zone 3	95,479.5	Total 320	Well 4,001
Zone 4	96,753.7	303	587

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	11.0	11.5	0.5	NO			
Zone 4	5.0	5.5	0.5	NO			

Comments: Flowrate gauge is faulty in Zone 3 for well
- Process started to replace display and 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: D. Lorenza	**Date:** February 14, 2019
Time IN: 12:30	**Time OUT:** 13:15

GENERAL

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

If yes, plans for repair:

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

If no, corrective actions taken: REQUESTED ADDITIONAL CHECKS OF CELL

FLOW RATES

Location	Run Time (hours)	Flow Rate (cfm)	
Zone 1	96,155.4	326	
Zone 2	98,161.3	335	
Zone 3	96,037.51	Total 365	Well 5,215
Zone 4	97,307.3	306	579

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	10.0	10.0	0	NO			
Zone 4	5.0	5.5	0.5	NO			

Comments: *Zone 3 - Flow sensor faulty part ordered from manufacturer

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:**	March 18, 2019
Time IN:	12:30	**Time OUT:**	1300

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	96,803.5	325	
Zone 2	98,929.9	344	
Zone 3	96,724.0	Total 367	Well 5216
Zone 4	98,075.8	304	580

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	7.0	0	NO			
Zone 2	9.5	9.5	0	NO			
Zone 3	10.0	10.0	0	NO			
Zone 4	5.0	5.5	0.5	NO			

Comments:

* Zone 3 - flow sensor faulty
WAITING ON Part

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: 4.12.19
Time IN: 3:30	Time OUT: 4:30

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	97,067.9	327	
Zone 2	99,533.2	345	
Zone 3	97,404.5	Total 188	Well 262
Zone 4	98,677.8	305	581

Comments:

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

8.5

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	9.5	10.0	0.5	NO			
Zone 4	5.5	6.0	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: May 16, 2019
Time IN: 3:30	Time OUT:

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)	
		Total	Well
Zone 1	97855.4	323	
Zone 2	100347.5	349	
Zone 3	98,219.6	262	184
Zone 4	99,493.9	305	577

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	10	10.5	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: Docenza	Date: 6/14/19
Time IN: 13:35	Time OUT:

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	98,549.4	322	
Zone 2	101,041.5	346	
Zone 3	98,525.6	Total 261	Well 187
Zone 4	98,499.8	303	577

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	10.0	10.5	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: Jesse Cosenza	**Date:** 7/31/19
Time IN:	**Time OUT:**

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	99,676.5	320	
Zone 2	102,169.8	333	
Zone 3	100,042.1	Total	Well
Zone 4	101,315.1	~~56~~ 304	568

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	10.5	11.5	0.5	NO			
Zone 4	5.0	5.5	0.5	NO			

Comments: Upon arrival Zone 3's fan was running, but flow meters were not operational

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:	**Date:** 8/2/19
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	99,725.0	321	
Zone 2	102,217.2	347	
Zone 3	100,090.3	Total —	Well —
Zone 4	101363.3	323	565

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	10.5	10.75	0.25	NO			
Zone 4	5.0	5.5	0.5	NO			

Comments: EQUIPMENT IN ZONE 3 malfuctioning - But MOTOR IS STILL Running - troubleshoot

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: Jonas Casenza	~~Date:~~ 9/4/19
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	100510.5	325	
Zone 2	103000.5	336	
Zone 3	100876.4	Total 235	Well —
Zone 4	102149.1	304	303

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	12.0	0.5	NO			
Zone 4	5.0	5.5	0.5	NO			

Comments: WAITING ON REPLACEMENT PART - ZONE3 FROM manufact DISPLAY FOR WELL NOT WORKING -

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:**	10/23/19
Time IN:	830	**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	1016861	324	
Zone 2	104183.0	342	
Zone 3	102,052.5	Total —	Well 248
Zone 4	103328.8	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	5.0	5.5	0.5	NO			

Comments: STILL TROUBLESHOOTING ZONE 3
NEW transformer ordered

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:**	11/18/19
Time IN:	3:00	**Time OUT:**	4:00

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	102236.6	328	
Zone 2	104812.5	330	
Zone 3	102,681.6	Total 262	Well —
Zone 4	103958.4	302	575

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				
Zone 2	9.5	9.5	0				
Zone 3	11.0	11.0	0				
Zone 4	5.0	5.5	0.5				

Comments: WAITING ON SENSOR REPLACEMENT PART - 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 Cosenza	**Date:** 12.20.19
Time IN: 1000	**Time OUT:** 1130

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	103000.7	328	
Zone 2	105576.3	335	
Zone 3	103,445.6	Total 278	Well 262
Zone 4	104722.2	303	580

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				
Zone 2	9.5	9.5	0				
Zone 3	11.5	12	0.5				
Zone 4	5.0	5.5	0.5				

Comments:

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	
Ervin H	01/04/19	☑ ON ☐ OFF	95168.5	324	7-7.5
Ervin H	01/07/19	☑ ON ☐ OFF	95240.1	325	7-7.5
Ervin H	01/08/19	☑ ON ☐ OFF	95264.3	325	7-7.5
Ervin H	01/09/19	☑ ON ☐ OFF	95288.4	325	7-7.5
Ervin H	01/10/19	☑ ON ☐ OFF	95312.4	326	7-7.5
Ervin H	01/14/19	☑ ON ☐ OFF	95408.4	325	7-7.5
Ervin H	01/16/19	☑ ON ☐ OFF	95456.5	326	7-7.5
Ervin H	01/17/19	☑ ON ☐ OFF	95480.3	326	7-7.5
Ervin H	01/18/19	☑ ON ☐ OFF	95504.5	326	7-7.5
Ervin H	01/21/19	☐ ON ☐ OFF	95519.1	326	7-7.5
Ervin H	01/22/19	☑ ON ☐ OFF	95600.7	326	7-7.5
Ervin H	01/23/19	☑ ON ☐ OFF	95621.3	326	7-7.5
Ervin H	01/25/19	☑ ON ☐ OFF	95671.3	325	7-7.5
Ervin H	01/28/19	☑ ON ☐ OFF	95743.7	325	7-7.5
Ervin H	01/29/19	☑ ON ☐ OFF	95767.8	325	7-7.5
Ervin H	01/30/19	☑ ON ☐ OFF	95791.8	324	7-7.5
Ervin H	01/31/19	☐ ON ☐ OFF	95815.4	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.**
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
ERVIN H	03/04/19	☑ ON ☐ OFF	96583.5	326 7 - 7.5
ERVIN H	03/05/19	☑ ON ☐ OFF	96607.6	326 7 - 7.5
ERVIN H	03/06/19	☑ ON ☐ OFF	96632.2	326 7 - 7.5
ERVIN H	03/11/19	☑ ON ☐ OFF	96750.7	326 7 - 7.5
ERVIN H	03/12/19	☑ ON ☐ OFF	96774.8	326 7 - 7.5
ERVIN H	03/13/19	☑ ON ☐ OFF	96798.3	326 7 - 7.5
ERVIN H	03/14/19	☑ ON ☐ OFF	96798.3	326 7 - 7.5
ERVIN H	03/18/19	☐ ON ☐ OFF	96798.3	[illegible]
GERMAN M	03/20/19	~~☐ ON~~ GM ☑ OFF	96798.4	NOT OPERATING
GERMAN M	03/22/19	☐ ON ☑ OFF		NOT OPERATING
GERMAN M	03/25/19	☐ ON ☑ OFF		NOT OPERATING
GERMAN M	03/26/19	☐ ON ☑ OFF		NOT OPERATING
GERMAN M	03/27/19	☐ ON ☑ OFF		NOT OPERATING
GERMAN M	03/29/19	☐ ON ☑ OFF		NOT OPERATING
GERMAN M	04/01/19	☐ ON ☑ OFF		NOT OPERATING
GERMAN M	04/02/19	☐ ON ☑ OFF	?	NOT OPERATING
GERMAN M	04/03/19	☐ ON ☑ OFF	?	NOT OPERATING

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	
GERMAN M	04/05/19	☑ ON ☐ OFF	968911	331	7-7.5
GERMAN M	04/08/19	☑ ON ☐ OFF	969835.	326	7-7.5
GERMAN M	04/10/19	☑ ON ☐ OFF	96991.2	326	7-7.5
GERMAN M	04/11/19	☑ ON ☐ OFF	97035.2	330	7-7.5
GERMAN	04/12/19	☑ ON ☐ OFF	97059.4	326	7-7.5
ERNIE H	04/15/19	☑ ON ☐ OFF	97131.0	324	7-7.5
Ernie G	04/16/19	☑ ON ☐ OFF	97154.7	326	7-7.5
Ernie G	04/18/19	☑ ON ☐ OFF	97203.2	327	7-7.5
Ernie G	04/19/19	☑ ON ☐ OFF	97227.2	326	7-7.5
PHILIP. C	04/22/19	☑ ON ☐ OFF	97299.3	326	7-7.5
PHILIP. C	04/25/19	☑ ON ☐ OFF	97344.5	330	7-7.5
PHILIP. C	04/29/19	☑ ON ☐ OFF	97368.2	324	7-7.5
PHILIP. C	04/29/19	☑ ON ☐ OFF	97440.0	323	7-7.5
PHILIP. C	04/30/19	☑ ON ☐ OFF	97464.3	323	7-7.5
PHILIP. C	05/01/19	☑ ON ☐ OFF	97488.3	325	7.5-7.5
PHILIP. C	05/02/19	☑ ON ☐ OFF	97522.2	324	7.5-7.5
PHILIP. C	05/06/19	☑ ON ☐ OFF	97608.2	324	7.5-7.5
PHILIP. C	05/08/19	☑ ON ☐ OFF	97656.4	326	7.5-7.5

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	
PHILIP·C	5/9/19	☑ ON ☐ OFF	97680.4	325	7.5 - 7.5
PHILIP·C	5/10/19	☑ ON ☐ OFF	97704.8	325	7.5 - 7.5
PHILIP·C	5/13/19	☑ ON ☐ OFF	97786.0	323	7.5 - 7.5
PHILIP·C	5/14/19	☑ ON ☐ OFF	97800.3	323	7.5 - 7.5
PHILIP·C	5/15/19	☑ ON ☐ OFF	97824.5	325	7.5 - 7.5
PHILIP·C	5/16/19	☑ ON ☐ OFF	97848.4	322	7.5 - 7.5
PHILIP·C	5/20/19	☑ ON ☐ OFF	97944.3	324	7.5 - 7.5
PHILIP·C	5/21/19	☑ ON ☐ OFF	97968.1	325	7.5 - 7.5
PHILIP·C	5/22/19	☑ ON ☐ OFF	97992.4	324	7.5 - 7.5
PHILIP·C	5/23/19	☑ ON ☐ OFF	98016.2	324	7.5 - 7.5
PHILIP·C	5/28/19	☑ ON ☐ OFF	98136.2	325	7.5 - 7.5
PHILIP·C	5/29/19	☑ ON ☐ OFF	98182.2	324	7.5 - 7.5
PHILIP·C	5/30/19	☑ ON ☐ OFF	98183.5	325	7.5 - 7.5
PHILIP·C	5/31/19	☑ ON ☐ OFF	98207.6	324	7.5 - 7.5
PHILIP·C	6/3/19	☑ ON ☐ OFF	98280.2	325	7.5 - 7.5
PHILIP·C	6/4/19	☑ ON ☐ OFF	98303.5	324	7.5 - 7.5
PHILIP·C	6/5/19	☑ ON ☐ OFF	98328.3	322	7.5 - 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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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	
PHILIP-C	6/6/19	☑ ON ☐ OFF	98351.9	324	7.5-7.5
PHILIP-C	6/10/19	☑ ON ☐ OFF	98947.6	322	7.5-7.5
PHILIP-C	6/11/19	☑ ON ☐ OFF	98472.5	322	7.5-7.5
PHILIP-C	6/12/19	☑ ON ☐ OFF	98496.7	322	7.5-7.5
PHILIP-C	6/13/19	☑ ON ☐ OFF	98520.4	322	7.5-7.5
PHILIP-C	6/17/19	☑ ON ☐ OFF	98521.4	322	7.5-7.5
PHILIP-C	6/19/19	☑ ON ☐ OFF	98664.4	322	7.5-7.5
PHILIP-C	6/20/19	☑ ON ☐ OFF	98688.4	322	7.5-7.5
PHILIP-C	6/23/19	☑ ON ☐ OFF	9878.4	322	7.5-7.5
PHILIP-C	6/24/19	☑ ON ☐ OFF	98758.4	322	7.5-7.5
PHILIP-C	6/25/19	☑ ON ☐ OFF	98785.1	321	7.5-7.5
PHILIP-C	6/26/19	☐ ON ☐ OFF	98781.1	321	7.5-7.5
PHILIP-C	6/27/19	☑ ON ☐ OFF	9856.4	321	7.5-7.5
PHILIP-C	7/1/19	☑ ON ☐ OFF	98752.4	321	7.5-7.5
PHILIP-C	7/2/19	☑ ON ☐ OFF	98980.0	321	7.5-7.5
PHILIP-C	7/3/19	☑ ON ☐ OFF	99000.1	321	7.5-7.5
PHILIP-C	7/5/19	☑ ON ☐ OFF	99100.1	321	7.5-7.5

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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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	
PHILIP.C	7/8/19	☑ ON ☐ OFF	09916.0	324	7.5 – 7.5
PHILIP.C	7/9/19	☑ ON ☐ OFF	09717.0	321	7.5 – 7.5
PHILIP.C	7/10/19	☑ ON ☐ OFF	09977.4	322	7.5 - 7.5
PHILIP.C	7/11/19	☑ ON ☐ OFF	09978.0	321	7.5 - 7.5
PHILIP.C	7/15/19	☑ ON ☐ OFF	09288.4	321	7.5 - 7.5
PHILIP.C	7/16/19	☑ ON ☐ OFF	09287.1	322	7.5 - 7.5
PHILIP.C	7/17/19	☑ ON ☐ OFF	09277.1	321	7.5 - 7.5
PHILIP.C	7/18/19	☑ ON ☐ OFF	99384.1	321	7.5 - 7.5
PHILIP.C	7/22/19	☑ ON ☐ OFF	09504.2	321	
PHILIP.C	7/23/19	☑ ON ☐ OFF	09504.1	320	7.5 - 7.5
PHILIP.C	7/24/19	☑ ON ☐ OFF	09504.2	321	7.5 - 7.5
PHILIP.C	7/26/19	☑ ON ☐ OFF	09552.4	321	7.5 - 7.5
PHILIP.C	7/29/19	☑ ON ☐ OFF	09542.1	321	7.5 - 7.5
PHILIP.C	7/30/19	☑ ON ☐ OFF	07648.0	321	7.5 - 7.5
Howard.M		☑ ON ☐ OFF	99672.4	321	7.5 - 7.5
Denise C	8/2/19	☐ ON ☐ OFF	99,725.0	321	7.5 - 7.5
Howard M	8/5/19	☐ ON ☐ OFF	99.792.4	321	7.5 - 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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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	8/6/19	☑ ON ☐ OFF	99816.2	322 7.5 - 9
Howard. M	8/7/19	☑ ON ☐ OFF	99840.0	321 7.5 - 9
Howard. M	8/8/19	☑ ON ☐ OFF	99915.3	322 7.5 - 7.5
Howard. M	8/12/19	☑ ON ☐ OFF	99960.0	321 7.5 - 7.5
Howard. M	8/13/19	☑ ON ☐ OFF	99984.1	323 7.5 - 7.5
Howard. M	8/14/19	☑ ON ☐ OFF	10008.8	321 6.5 - 6.5
Howard. M	8/16/19	☑ ON ☐ OFF	00056.1	323 7.5 - 7.5
Howard. M	8/21/19	☑ ON ☐ OFF	00176.2	320 7.5 - 7.5
Howard. M	8/26/19	☑ ON ☐ OFF	00296.3	327 7.5 - 7.5
Howard. M	8/27/19	☑ ON ☐ OFF	00320.1	324 6.5 - 6.5
Howard. M	8/28/19	☑ ON ☐ OFF	00342.7	325 6.5 - 6.5
Howard. M	8/29/19	☑ ON ☐ OFF	00367.5	326 6.5 - 7.5
Howard. M	8/30/19	☑ ON ☐ OFF	00392.2	326 7 - 7.5
Howard. M	9/3/19	☑ ON ☐ OFF	00488.3	327 6.5 - 7
Howard. M	9/4/19	☑ ON ☐ OFF	00500.5	325 7.5 - 7.5
Howard. M	9/5/19	☑ ON ☐ OFF	00537.8	327 6.5 - 7.5
Howard. M	9/6/19	☑ ON ☐ OFF	00559.6	326 7.5 - 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.

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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations
Howard. M	9-9-19	☑ ON ☐ OFF	00632.1	326 7 - 7.5
Howard. M	9-10-19	☑ ON ☐ OFF	00656.1	326 7 - 7.5
Howard. M	9-11-19	☑ ON ☐ OFF	00679.6	326 6.5 7
Howard. M	9-13-19	☑ ON ☐ OFF	00824.1	326 7 7
Howard. M	9-17-19	☑ ON ☐ OFF	00860.0	324 7 - 7
Howard. M	9-19-19	☑ ON ☐ OFF	00869.5	326 6.5 - 7
Howard. M	9-20-19	☑ ON ☐ OFF	00892.4	326 7 - 7
Howard. M	9-23-19	☑ ON ☐ OFF	00988.5	327 7 - 7
Howard. M	9-24-	☑ ON ☐ OFF	00999.7	327 7 - 7
Howard. M	9-26	☑ ON ☐ OFF	01101.9	328 7 - 7.5
Howard. M	9.30	☑ ON ☐ OFF	01131.4	323 7 - 7.5
Howard. M	10-2-19	☑ ON ☐ OFF	01278.9	328 7 - 7.5
Howard. M	10-4-19	☑ ON ☐ OFF	01288.1	328 7 - 7.5
Howard. M	10-7-19	☑ ON ☐ OFF	01299.6	328 7 - 7.5
Howard. M	10-8-19	☑ ON ☐ OFF	01323.4	326 7 - 7.5
Howard. M	10-10-19	☑ ON ☐ OFF	01371.5	328 7 - 7.5
Howard. M	10-13-19	☑ ON ☐ OFF	01443.7	328 7 - 7.5

ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

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

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Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations	
Howard. M	10-15-19	☑ ON ☐ OFF	01491.7	327	7 - 7.5
Howard M.	10-16-19	☑ ON ☐ OFF	01519.0	325	7 - 7.5
Howard M.	10-17-19	☑ ON ☐ OFF	01543.6	326	7 - 7.5
Denise C.	10-23-19	☑ ON ☐ OFF	01686.1	324	7.5 - 7.5
Howard M.	10-24-19	☑ ON ☐ OFF	01707.4	327	7.5 - 7.5
MIKE D	10-25-19	☑ ON ☐ OFF	01734.0	326	7 - 7.5
MIKE D	10-28-19	☑ ON ☐ OFF	01805.4	327	7 - 7.5
Howard M.	10-29-19	☑ ON ☐ OFF	01827.5	325	7 - 7.5
Howard M	10-30-19	☑ ON ☐ OFF	01850.0	326	7 - 7.5
Howard M.	10-31-19	☑ ON ☐ OFF	01875.5	327	7 - 7.5
Howard M.	11-3-19	☑ ON ☐ OFF	01941.5	325	7 - 7.5
Howard M.	11-4-19	☑ ON ☐ OFF	01972.0	327	7 - 7.5
MIKE D	11-5-19	☑ ON ☐ OFF	01997.9	325	7 - 7.5
MIKE D	11-7-19	☑ ON ☐ OFF	02045.7	326	7 - 7.5
MIKE D	11-8-19	☑ ON ☐ OFF	02063.4	326	7 - 7.5
MIKE D	11-11-19	☑ ON ☐ OFF	02144.6	327	7 - 7.5
Howard M	11-12-19	☑ ON ☐ OFF	02164.0	325	7 - 7.5

ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

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

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Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations	
Howard M.	11-13-19	☑ ON ☐ OFF	02188.6	328	7 - 7
Howard M	11-14-19	☑ ON ☐ OFF	02204.1	327	7 - 7.5
Howard M.	11-18-19	☑ ON ☐ OFF	02236.9	330	7 - 7.5
Howard M.	11-19-19	☑ ON ☐ OFF	02254.5	327	7 7.5
MIKE D	11-22-19	☑ ON ☐ OFF	02326.4	328	7 - 7.5
Howard M.	11 25 - 19	☑ ON ☐ OFF	02374.1	327	7 - 7.5
Howard M.	11-26-19	☑ ON ☐ OFF	02421.8	327	7 - 7.5
Howard M.	11-27-19	☑ ON ☐ OFF	02445.7	326	7 - 7.5
Howard M.	12-2-19	☑ ON ☐ OFF	02566.4	327	7 - 7.5
Howard M.	12-3-19	☑ ON ☐ OFF	02590.3	326	7 - 7.5
MIKE D	12-4-19	☑ ON ☐ OFF	02607.6	325	7.7.5
MIKE D	12-5-19	☑ ON ☐ OFF	02643.5	327	7 - 7.5
MIKE D	12-9-19	☑ ON ☐ OFF	02734.8	327	7-7.5
PHILIP.C	12 10-19	☑ ON ☐ OFF	02734.7	327	7-7.5
PHILIP.C	12-11-19	☑ ON ☐ OFF	02734.8	326	7-7.5
PHILIP.C	12-12-19	☑ ON ☐ OFF	02734.8	327	7-7.5
BRIAN N.	12/13/19	☑ ON ☐ OFF	02830.1	325	7 - 7.5

ROUTINE SYSTEM CHECK

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

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1. Record Inspector Name and Date.
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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations
BRIAN N.	12/16/19	☑ ON ☐ OFF	02902.1	326 5.1 — 5.5
BRIAN N.	12/17/19	☑ ON ☐ OFF	02926.1	0324 5.1 — 5.5
BRIAN N.	12/18/19	☑ ON ☐ OFF	02949.8	325 5.7 - 5.5
BRIAN N.	12/20/19	☑ ON ☐ OFF	02997.9	329 5.1 - 5.5
BRIAN N.	12/23/19	☑ ON ☐ OFF	03069.4	329 5.1 - 5.5
BRIAN N.	12/24/19	☑ ON ☐ OFF	030931.8	321 5.1 - 5.7
BRIAN N.	12/26/19	☑ ON ☐ OFF	03141.8	327 6.1 - 6.5
BRIAN N.	12/27/19	☑ ON ☐ OFF	03166.2	329 6.1 - 6.5
BRIAN N.	12/30/19	☑ ON ☐ OFF	03238.1	325 7 - 7.5
BRIAN N.	12/31/19	☑ ON ☐ OFF	03261.1	326 7 - 7.5
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		

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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	
Ervin H	01/02/19	☑ ON ☐ OFF	97125.8	343	9.5 - 9.5
Ervin H	01/03/19	☑ ON ☐ OFF	97149.2	356	9.5 - 9.5
Ervin H	01/04/19	☑ ON ☐ OFF	97173.2	353	9.5 - 9.5
Ervin H	01/07/19	☑ ON ☐ OFF	97244.9	349	9.5 - 9.5
Ervin H	01/08/19	☑ ON ☐ OFF	97269.0	360	9.5 - 9.5
Ervin H	01/09/19	☑ ON ☐ OFF	97293.2	360	9.5 - 9.5
Ervin H	01/14/19	☑ ON ☐ OFF	97413.1	358	9.5 - 9.5
Ervin H	01/16/19	☑ ON ☐ OFF	97461.7	350	9.5 - 9.5
Ervin H	01/17/19	☑ ON ☐ OFF	97485.1	362	9.5 - 9.5
Ervin H	01/18/19	☑ ON ☐ OFF	97509.2	361	9.5 - 9.5
Ervin H	01/21/19	☑ ON ☐ OFF	97590.1	360	9.5 - 9.5
Ervin H	01/22/19	☑ ON ☐ OFF	97605.4	359	9.5 - 9.5
Ervin H	01/23/19	☑ ON ☐ OFF	97621.3	338	9.5 - 9.5
Ervin H	01/25/19	☑ ON ☐ OFF	97677.2	341	9.5 - 9.5
Ervin H	01/28/19	☑ ON ☐ OFF	97749.1	344	9.5 - 9.5
Ervin H	01/29/19	☑ ON ☐ OFF	97773.2	340	9.5 - 9.5
Ervin H	01/30/19	☑ ON ☐ OFF	97797.2	351	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.
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Inspector Name	Date	Blower On/Off	Runtime (hours)		Observations
Ervin [redacted]	01/31/19	☑ ON ☐ OFF	~~9778~~ 21.2	340	9.5 - 9.5
[redacted]		☐ ON ☐ OFF			
Ervin H	02/04/19	☑ ON ☐ OFF	97917.5	346	9.5 - 9.5
Ervin H	02/05/19	☑ ON ☐ OFF	97941.3	356	9.5 - 9.5
Ervin H	02/12/19	☑ ON ☐ OFF	98109.3	349	9.5 - 9.5
Ervin H	02/14/19	☑ ON ☐ OFF	98157.3	336	9.5 - 9.5
Ervin H	02/15/19	☑ ON ☐ OFF	98181.5	341	9.5 - 9.5
Cameron Brown	2/21/19	☑ ON ☐ OFF	98325.5	342	9.5 - 9.5
Ervin H	2/22/19	☑ ON ☐ OFF	98349.3	342	9.5 - 9.5
Ervin H	02/25/19	☑ ON ☐ OFF	98421.3	346	9.5 - 9.5
Ervin H	02/28/19	☑ ON ☐ OFF	98493.4	349	9.5 - 9.5
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ 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)

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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	
ERVIN H	03/04/19	☑ ON ☐ OFF	98589.3	342	9.5-9.5
ERVIN H	03/05/19	☐ ON ☐ OFF	98630.1	350	9.5-9.5
ERVIN H	03/06/19	☑ ON ☐ OFF	98637.1	344	9.5-9.5
ERVIN H	03/11/19	☑ ON ☐ OFF	98756.1	348	9.5-9.5
ERVIN H	03/12/19	☑ ON ☐ OFF	98780.2	347	9.5-9.5
ERVIN H	03/18/19	☑ ON ☐ OFF	98974.4	344	9.5-9.5
GERMAN M.	03/20/19	☑ ON ☐ OFF	98972.4	345	9.5-9.5
GERMAN M.	03/22/19	☑ ON ☐ OFF	99020.3	340	9-9
GERMAN M	03/25/19	☑ ON ☐ OFF	99092.5	345	9-9
GERMAN M	03/27/19	☑ ON ☐ OFF	99140.5	345	9-9
GERMAN M	03/29/19	☑ ON ☐ OFF	99188	349	9-9
GERMAN M	04/01/19	☑ ON ☐ OFF	99260.3	349	9-9
GERMAN M	04/02/19	☑ ON ☐ OFF	99285.0	352	9.5-9.5
GERMAN M	04/03/19	☑ ON ☐ OFF	99308.5	335	9-9
GERMAN M	04/05/19	☑ ON ☐ OFF	99357.0	338	9.5-9.5
		☐ 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)	Observations	
GERMAN M	04/08/19	☑ ON ☐ OFF	99429.1	349	9.5 - 9.5
GERMAN	04/10/19	☑ ON ☐ OFF	99458.8	349	9.5 - 9.5
GERMAN	04/11/19	☑ ON ☐ OFF	99500.7	349	9.5 - 9.5
GERMAN	04/12/19	☑ ON ☐ OFF	99524.7	345	9.5 - 9.5
Ernie G	04/16/19	☑ ON ☐ OFF	99620.4	345	9.5 - 9.5
Ernie G	04/18/19	☑ ON ☐ OFF	99668.6	348	9.5 - 9.5
Ernie G	04/19/19	☑ ON ☐ OFF	99692.7	343	9.5 - 9.5
GERMAN	04/22/19	☑ ON ☐ OFF	99764.6	329	9.5 - 9.5
PHILIP. C	04/25/19	☑ ON ☐ OFF	99836.6	340	9.5 - 9.5
PHILIP. C	04/26/19	☑ ON ☐ OFF	99860.3	342	9.5 - 9.5
PHILIP. C	04/29/19	☑ ON ☐ OFF	99932.2	345	9.5 - 9.5
PHILIP. C	04/30/19	☑ ON ☐ OFF	99956.1	344	9.5 - 9.5
PHILIP. C	05/01/19	☑ ON ☐ OFF	99980.1	336	9.5 - 9.5
PHILIP. C	05/02/19	☑ ON ☐ OFF	10004.0	338	9.5 - 9.5
PHILIP. C	05/06/19	☑ ON ☐ OFF	00100.4	347	9.5 - 9.5
PHILIP. C	05/08/19	☑ ON ☐ OFF	00148.3	334	9.5 - 9.5
PHILIP. C	05/09/19	☑ ON ☐ OFF	00172.5	345	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.

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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	
PHILIP·C	5/10/19	☑ ON ☐ OFF	00196.5	346	9.5 – 9.5
PHILIP·C	5/13/19	☑ ON ☐ OFF	00268.1	345	9.5 – 9.5
PHILIP·C	5/14/19	☑ ON ☐ OFF	00291.6	342	9.5 – 9.5
PHILIP·C	5/15/19	☑ ON ☐ OFF	00375.7	342	9.5 – 9.5
PHILIP·C	5/16/19	☑ ON ☐ OFF	00339.7	346	9.5 – 9.5
		☐ ON ☐ OFF			
PHILIP·C	5/20/19	☑ ON ☐ OFF	00436.0	338	9.5 – 9.5
PHILIP·C	5/21/19	☑ ON ☐ OFF	00460.1	349	9.5 – 9.5
PHILIP·C	5/22/19	☑ ON ☐ OFF	00484.2	354	9.5 – 9.5
PHILIP·C	5/23/19	☑ ON ☐ OFF	00508.2	342	9.5 – 9.5
PHILIP·C	5/28/19	☑ ON ☐ OFF	00628.1	350	9.5 – 9.5
PHILIP·C	5/29/19	☑ ON ☐ OFF	00627.1	350	9.5 – 9.5
PHILIP·C	5/30/19	☐ ON ☐ OFF	00676.1	341	9.5 – 9.5
PHILIP·C	5/31/19	☑ ON ☐ OFF	00699.6	338	9.5 – 9.5
PHILIP·C	6/3/19	☑ ON ☐ OFF	00771.8	343	9.5 – 9.5
PHILIP·C	6/4/19	☑ ON ☐ OFF	00795.5	349	9.5 – 9.5
PHILIP·C	6/5/19	☑ ON ☐ OFF	00820.2	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.
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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	
PHILIP. C	6/6/19	☑ ON ☐ OFF	00843 5.	342	9.5 - 9.5
PHILIP.C	6/10/19	☑ ON ☐ OFF	00939.0	347	9.5 - 9.5
PHILIP.C	6/11/19	☑ ON ☐ OFF	00964.6	344	9.5 - 9.5
PHILIP. C	6/12/19	☑ ON ☐ OFF	00988.1	347	9.5 - 9.5
PHILIP. C	6/13/19	☑ ON ☐ OFF	01012.1	341	9.5 - 9.5
PHILIP. C	6/17/19	☑ ON ☐ OFF	01114.0	324	9.5 - 9.5
PHILIP. C	6/19/19	☑ ON ☐ OFF	01156.0	335	9.5 - 9.5
PHILIP. C	6/20/19	☑ ON ☐ OFF	01179.4	344	9.5 - 9.5
PHILIP.C	6/21/19	☑ ON ☐ OFF	11209.9	344	9.5 - 9.5
PHILIP. C	6/24/19	☑ ON ☐ OFF	11219.9	332	9.5 - 9.5
PHILIP.C	6/25/19	☑ ON ☐ OFF	01300.3	328	9.5 . 9.5
PHILIP.C	6/26/19	☑ ON ☐ OFF	01324.2	338	9.5 - 9.5
PHILIP.C	6/27/19	☑ ON ☐ OFF	01314.2	342	9.5 - 9.5
PHILIP.C	7/1/19	☑ ON ☐ OFF	01444.5	331	9.5 - 9.5
PHILIP.C	7/2/19	☑ ON ☐ OFF	01472.0	338	9.5 - 9.5
PHILIP.C	7/3/19	☑ ON ☐ OFF	01992.4	338	9.5 - 9.5
PHILIP.C	7/5/19	☑ ON ☐ OFF	01543.0	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
PHILIP. C	7/8/19	☑ ON ☐ OFF	0165 9.0	345	9.5 - 9.5
PHILIP. C	7/9/19	☑ ON ☐ OFF	0165 7.1	343	9.5 - 9.5
PHILIP. C	7/10/19	☑ ON ☐ OFF	0166 9.0	340	9.5 - 9.5
PHILIP. C	7/11/19	☑ ON ☐ OFF	01684.3	332	9.5 - 9.5
PHILIP. C	7/15/19	☑ ON ☐ OFF	01780.3	345	9.5 - 9.5
PHILIP. C	7/16/19	☑ ON ☐ OFF	11804.3	348	9.5 - 9.5
PHILIP. C	7/17/19	☑ ON ☐ OFF	11858.8	336	9.5 - 9.5
PHILIP. C	7/18/19	☑ ON ☐ OFF	11852.3	331	9.5 - 9.5
PHILIP. C	7/22/19	☑ ON ☐ OFF	01948.6	320	9.5 - 9.5
PHILIP. C	7/23/19	☑ ON ☐ OFF	01995.6	340	9.5 - 9.5
PHILIP. C	7/24/19	☑ ON ☐ OFF	01995.7	330	9.5 - 9.5
PHILIP. C	7/26/19	☑ ON ☐ OFF	02044.5	331	9.5 - 9.5
PHILIP. C	7/29/19	☑ ON ☐ OFF	02116.4	340	9.5 - 9.5
PHILIP. C	7/30/19	☑ ON ☐ OFF	02140.9	338	9.5 - 9.5
HOWARD. M	7/31/19	☑ ON ☐ OFF	02164.7	326	9.5 - 9.5
DENISE C	8/2/19	☑ ON ☐ OFF	02,217.2	347	9.5 - 9.5
Howard. M.	8/5/19	☑ ON ☐ OFF	02284.6	333	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.

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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	8/6/19	☑ ON ☐ OFF	02308.4	327	9.5 - 9.5
Howard. M	8/7/19	☑ ON ☐ OFF	02337.1	328	9.5 - 9.5
Howard. M	8/8/19	☑ ON ☐ OFF	02387.0	335	9.5 - 9.5
Howard. M	8/12/19	☑ ON ☐ OFF	02452.1	335	9.5 - 9.5
Howard. M	8/13/19	☑ ON ☐ OFF	02476.1	341	9.5 - 9.5
Howard. M	8/16/19	☑ ON ☐ OFF	02548.4	337	9.5 - 9.5
Howard. M	8/19/19	☑ ON ☐ OFF	02620.5	327	9.5 - 9.5
Howard. M	8/21/19	☑ ON ☐ OFF	02668.4	330	9.5 - 9.5
Howard. M	8/26/19	☑ ON ☐ OFF	02788.8	342	9.5 - 9.5
Howard. M	8/27/19	☑ ON ☐ OFF	02812.2	338	9.5 - 9.5
Howard. M	8/28/19	☑ ON ☐ OFF	02837.1	339	9.5 - 10
Howard. M	8/29/19	☑ ON ☐ OFF	02859.8	333	9.5 - 10
Howard. M	9/3/19	☑ ON ☐ OFF	02980.7	342	9.5 - 9.5
Howard. M	9/4/19	☑ ON ☐ OFF	03000.5	336	9.5 - 9.5
Howard. M	9-6-19	☑ ON ☐ OFF	03052.3	342	9.5 - 9.5
Howard. M	9-9-19	☑ ON ☐ OFF	03124.5	340	9.5 - 9.5
Howard. M	9-10-19	☑ ON ☐ OFF	03148.2	346	9.5 - 9.5

ROUTINE SYSTEM CHECK

PARCEL 9 VAPOR MITIGATION SYSTEM

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

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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations
Howard. M	9-11-19	☑ ON ☐ OFF	03172.2	344 - 9.5 - 9.5
Howard. M	9-13-19	☑ ON ☐ OFF	03310.4	337 9.5 - 9.5
Howard. M	9-17-19	☑ ON ☐ OFF	03316.6	337 9.5 - 9.5
Howard. M	9-19-19	☑ ON ☐ OFF	03364.5	342 9.5 - 9.5
Howard. M	9-20-19	☑ ON ☐ OFF	03389.0	337 9.5 - 9.5
Howard M	9-23-19	☑ ON ☐ OFF	03467.6	346 9.5 - 9.5
Howard. M	9-24-19	☑ ON ☐ OFF	03484.3	344 9.5 9.5
Howard. M	9-25-19	☑ ON ☐ OFF	03508.2	328 9.5 9.5
Howard. M	9-26-19	☑ ON ☐ OFF	03530.0	337 9.5 9.5
Howard. M	9-27-19	☑ ON ☐ OFF	03556.7	339 9.5 9.5
Howard M	9-30-19	☑ ON ☐ OFF	03628.0	328 9.5 . 9.5
Howard. M	10-2-19	☑ ON ☐ OFF	03676.3	338 9.5 - 9.5
Howard. M	10.4.19	☑ ON ☐ OFF	03701.1	337 9.5 - 9.5
Howard. M	10-7-19	☑ ON ☐ OFF	03796.4	343 9.5 - 9.5
Howard. M	10-8-19	☑ ON ☐ OFF	03820.3	348 9.5 - 9.5
Howard. M	10-10-19	☑ ON ☐ OFF	03868.4	335 9.5 - 9.5
Howard M	10-13-19	☑ ON ☐ OFF	03940.6	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)

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1. Record Inspector Name and Date.
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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 Pre	Observations Post
Howard M.	10-15-19	☑ ON ☐ OFF	03988.8	340	9.5 — 10
Howard M.	10-16-19	☑ ON ☐ OFF	04014.1	334	9.5 - 10
Howard M.	10-17-19	☑ ON ☑ OFF	04040.5	338	9.5 - 10
Howard M.	10-20-19	☑ ON ☐ OFF	04110.4	344	9.5 - 10
Denise C	10-23-19	☑ ON ☐ OFF	04183.0	342	9.5 9.5
Howard M	10-24-19	☑ ON ☐ OFF	04203.8	335	9.5 - 9.5
MIKE D	10-25-19	☑ ON ☐ OFF	04230.9	339	9.5 - 9.5
MIKE D	10-29-19	☑ ON ☐ OFF	04302.2	347	9.5 - 9.5
Howard M.	10-29-19	☑ ON ☐ OFF	04324.3	355	9.5 - 9.5
Howard M.	10-30-19	☑ ON ☐ OFF	04350.2	338	9.5 - 9.5
Howard M	10-31-19	☑ ON ☐ OFF	04371.9	345	9.5 - 9.5
Howard M	11-3-19	☑ ON ☐ OFF	04445.6	335	9.5 - 9.5
Howard M	11-4-19	☑ ON ☐ OFF	04469.0	350	9.5 - 9.5
MIKE D	11-5-19	☑ ON ☐ OFF	04494.9	335	9.5 - 9.5
MIKE D	11-7-19	☑ ON ☐ OFF	04542.6	326	9.5 - 9.5
MIKE D	11-8-19	☑ ON ☐ OFF	04566.7	328	9.5 - 9.5
MIKE D	11-11-19	☑ ON ☐ OFF	04641.5	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)

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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.	11-12-19	☑ ON ☐ OFF	04660.1	342	9.5 - 9.5
Howard M.	11-13-19	☑ ON ☐ OFF	04685.4	343	9.5 9.5
Howard M.	11-14-19	☑ ON ☐ OFF	04709.3	346	9.5 9.5
Howard M.	11-18-19	☑ ON ☐ OFF	04805.4	349	9.5 9.5
Howard M.	11-19-19	☑ ON ☐ OFF	04829.9	335	9.5 - 9.5
MIKE D	11-22-19	☑ ON ☐ OFF	04902.0	350	9.5 - 9.5
Howard M.	11-24-19	☑ ON ☐ OFF	04949.8	343	9.5 - 9.5
Howard M.	11-25-19	☑ ON ☐ OFF	04979.5	352	9.5 - 9.5
Howard M.	11-26-19	☑ ON ☐ OFF	04997.5	337	9.5 - 9.5
Howard M.	11-27-19	☑ ON ☐ OFF	05021.2	332	9.5 - 9.5
Howard M.	12-2-19	☑ ON ☐ OFF	05141.5	335	9.5 - 9.5
Howard M.	12-3-19	☑ ON ☐ OFF	05166.0	345	9.5 - 9.5
Howard M.	12-4-19	☑ ON ☐ OFF	05191.2	342	9.5 - 9.5
Howard M.	12-5-19	☑ ON ☐ OFF	05213.3	340	9.5 - 9.5
MIKE D	12-9-19	☑ ON ☐ OFF	05310.4	340	9.5 - 9.5
PHILIP. C	12-10-19	☑ ON ☐ OFF	05331.5	341	9.5 - 9.5
BRIAN N.	12-11-19	☑ ON ☐ OFF	05357.4	0340	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)

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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.**
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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations
BRIAN N.	12/12/19	☑ ON ☐ OFF	05381.3	346 9.5 - 9.5
BRIAN N.	12/13/19	☑ ON ☐ OFF	05405.5	354 9.5 - 9.5
BRIAN N.	12/16/19	☑ ON ☐ OFF	05477.4	342 9.5 - 9.5
BRIAN N.	12/17/19	☑ ON ☐ OFF	05501.6	332 9.5 - 9.5
BRIAN N.	12/18/19	☑ ON ☐ OFF	05525.3	337 9.5 - 9.5
BRIAN N.	12/20/19	☑ ON ☐ OFF	05573.3	333 9.5 - 9.5
BRIAN N.	12/23/19	☑ ON ☐ OFF	05645.3	329 9.5 - 9.5
BRIAN N.	12/24/19	☑ ON ☐ OFF	05669.3	339 9.5 - 9.5
BRIAN N.	12/26/19	☑ ON ☐ OFF	05717.3	357 9.5 - 9.5
BRIAN N.	12/27/19	☑ ON ☐ OFF	05741.9	338 9.5 - 9.5
BRIAN N.	12/30/19	☑ ON ☐ OFF	05813.5	345 9.5 - 9.5
BRIAN N.	12/31/19	☑ ON ☐ OFF	05837.1	347 9.4 - 9.4
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		

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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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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	
Ervin H	12/17/18	☑ ON ☐ OFF	87201.3	4221 - 303	11.5-12
Ervin H	12/18/18	☑ ON ☐ OFF	87225.2	4101 - 309	11.5-12
Ervin H	12/19/18	☑ ON ☐ OFF	87247.1	4321 - 311	11.5-12
Ervin H	12/20/18	☑ ON ☐ OFF	87272.5	4971 - 310	11.5-12
Mike D	12/24/18	☑ ON ☐ OFF	87369.4	3281 - 308	11.5 - 12
Mike D	12/26/19	☑ ON ☐ OFF	87416.4	4371 - 312	11.5 - 12
Denise C	12/28/18	☑ ON ☐ OFF	87465.0	1931 - 309	11.5 - 12
Mike D	12/31/18	☑ ON ☐ OFF	87536.4	2401 - 310	11.5 - 12
Ervin H	01/02/19	☑ ON ☐ OFF	87585.1	3311 - 311	11.5-12
Ervin H	01/03/19	☑ ON ☐ OFF	87602.4	3041 - 311	11.5-12
Ervin H	01/04/19	☑ ON ☐ OFF	87632.4	4551 - 311	11.5-12
Ervin H	01/07/19	☑ ON ☐ OFF	87704.1	4221 - 312	11.5-12
Ervin H	01/08/19	☑ ON ☐ OFF	87726.0	3011 - 314	11.5-12
Ervin H	01/09/19	☑ ON ☐ OFF	87752.4	4901 - 313	11.5-11.5
Ervin H	01/14/19	☑ ON ☐ OFF	87877.3	4431 - 319	11 - 11.5
Ervin H	01/16/19	☑ ON ☐ OFF	87920.5	4151 - 318	11 - 11.5
Ervin H	01/17/19	☑ ON ☐ OFF	87944.5	3441 - 321	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	
Ervin H	01/18/19	☑ ON ☐ OFF	87961~~5.0~~	4611 – 321	11 – 11.5
Ervin H	01/21/19	☑ ON ☐ OFF	87814.0	2331 – 320	11 – 11.5
Ervin H	01/22/19	☑ ON ☐ OFF	88064.1	4001 – 320	11 – 11.5
Ervin H	01/23/19	☑ ON ☐ OFF	88104.0	4021 – 320	11 – 11.5
Ervin H	01/25/19	☑ ON ☐ OFF	88138.1	5901 – 368	10 – 10
Ervin H	01/28/19	☑ ON ☐ OFF	88209.0	5991 – 370	10 – 10
Ervin H	01/29/19	☑ ON ☐ OFF	88232.4	5411 – 369	9.5 – 10
Ervin H	01/30/19	☑ ON ☐ OFF	88263.1	5001 – 360	10 – 10
Ervin H	01/31/19	☑ ON ☐ OFF	88280.0	6331 – 374	10 – 10
		☐ ON ☐ OFF	92957.3		11.5 – 12
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ 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.
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Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations		
Ervin H	02/04/19	☑ ON ☐ OFF	88376.4	5921	370	9.5-10
Ervin H	02/05/19	☑ ON ☐ OFF	88401.3	5811	370	9.5-10
Ervin H	02/12/19	☑ ON ☐ OFF	88561.0	6101	370	10-10
ERVIN H	02/14/19	☑ ON ☐ OFF	88618.0	5701	367	10-10
Cameron Brown	2/19/19	☑ ON ☐ OFF	88784.9	5841	367	10-10
Ervin H	2/22/19	☑ ON ☐ OFF	88706.2	5501	368	10-10
Ervin H	02/25/19	☑ ON ☐ OFF	88904.1	5001	368	10-10
MIKE D	2/26/19	☑ ON ☐ OFF	88908.7	5941	371	10-10
Ervin H	02/28/19	☑ ON ☐ OFF	88952.4	5101	370	10-10
		☐ ON ☐ OFF				
		☐ ON ☐ OFF				
		☐ ON ☐ OFF				
		☐ ON ☐ OFF				
		☐ ON ☐ OFF				
		☐ ON ☐ OFF				
		☐ 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)	Observations	
ERVIN #	03/04/19	☑ ON ☐ OFF	89046.1	5721 - 367	10-10
ERVIN #	03/05/19	☑ ON ☐ OFF	89080.1	5701 - 367	10-10
ERVIN #	03/06/19	☑ ON ☐ OFF	89096.2	6091 - 368	10-10
ERVIN #	03/11/19	☑ ON ☐ OFF	89216.4	5971 - 369	10-10
ERVIN #	03/12/19	☑ ON ☐ OFF	89235.2	5871 - 369	10-10
ERVIN #	03/13/19	☑ ON ☐ OFF	89260.1	5800 - 367	10-10
ERVIN #	03/18/19	☑ ON ☐ OFF	89383.0	6021 - 373	10-10
GERMAN M	03/20/19	☑ ON ☐ OFF	89431.3	6001, 371 PSI	10;10
GERMAN M	03/22/19	☑ ON ☐ OFF	89475.2	5500 - 368	9;10
GERMAN M	03/25/19	☑ ON ☐ OFF	89557.4	5600 - 370	9-10
GERMAN M	03/27/19	☑ ON ☐ OFF	89595.0	5600 - 370	9-10
GERMAN M	03/29/19	☑ ON ☐ OFF	89647.0	5670 - 366	9-10
GERMAN M	04/01/19	☑ ON ☐ OFF	89715.0	5670 - 366	9.5-10
APRIL	1ST	☐ ON ☐ OFF		EQUIPMENT REPLACED	
GERMAN M	04/02/19	☑ ON ☐ OFF	89742.0	190 - 262	9.5-10
GERMAN M	04/03/19	☑ ON ☐ OFF	89765.0	189 - 262	9.5-10
GERMAN M	04/05/19	☑ ON ☐ OFF	89814.0	187 - 262	9.5-10

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	
GERMAN M	04/08/19	☑ ON ☐ OFF	89886.0	189 - 262	9 - 9
GERMAN M	04/10/19	☑ ON ☐ OFF	89916.0	189 - 262	9 - 9
GERMAN	04/11/19	☑ ON ☐ OFF	89957.0	189 - 262	9 - 9
GERMAN	04/12/19	☑ ON ☐ OFF	89980.6	187 - 262	9 - 9
Ernie G	04/16/19	☑ ON ☐ OFF	90077.0	182 - 262	9.5 - 10
Ernie G	04/18/19	☑ ON ☐ OFF	90125.1	185 - 262	9.5 - 10
Ernie G	04/19/19	☑ ON ☐ OFF	90145.4	180 - 262	9.5 - 10
GERMAN	04/22/19	☑ ON ☐ OFF	90221.0	180 - 262	9.5 - 10
PHILIP · C	04/25/19	☑ ON ☐ OFF	90279.0	180 - 262	9.5 - 10
PHILIP · C	04/26/19	☑ ON ☐ OFF	90315.0	183 - 262	9.5 - 10
PHILIP · C	04/29/19	☑ ON ☐ OFF	90385.0	183 - 262	10 - 10
PHILIP · C	04/30/19	☑ ON ☐ OFF	90415.0	183 - 262	10 - 10
PHILIP · C	05/01/19	☑ ON ☐ OFF	90434.3	181 - 262	10 - 10.5
PHILIP · C	05/02/19	☑ ON ☐ OFF	90461.0	189 - 262	10 - 10.5
PHILIP · C	05/06/19	☑ ON ☐ OFF	90557.4	180 - 262	10 - 10.5
PHILIP · C	05/08/19	☑ ON ☐ OFF	90605.4	194 - 262	10 - 10.5
PHILIP · C	05/09/19	☑ ON ☐ OFF	90624.1	194 - 262	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.**
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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)	WELL TOTAL Observations	
PHILIP-C	5/10/19	☑ ON ☐ OFF	90652.1	184-262	10-10
PHILIP-C	5/13/19	☑ ON ☐ OFF	90725.0	182-262	10-10
PHILIP-C	5/14/19	☑ ON ☐ OFF	90745.0	183-262	10-10.5
PHILIP-C	5/15/19	☑ ON ☐ OFF	90773.0	182-262	10-10
PHILIP-C	5/16/19	☑ ON ☐ OFF	90797.0	180-262	10-10
PHILIP-C	5/20/19	☑ ON ☐ OFF	90896.1	179-262	10-10
PHILIP-C	5/21/19	☑ ON ☐ OFF	90917.2	179-262	10-10
PHILIP-C	5/22/19	☑ ON ☐ OFF	90941.3	179-262	10-10
PHILIP-C	5/27/19	☑ ON ☐ OFF	90965.0	160-262	10-10
PHILIP-C	5/28/19	☑ ON ☐ OFF	91085.2	184-262	10-10
PHILIP-C	5/29/19	☑ ON ☐ OFF	91086.1	182-262	10-10
PHILIP-C	5/30/19	☑ ON ☐ OFF	91134.1	179-262	10-10
PHILIP-C	5/31/19	☑ ON ☐ OFF	91156.1	172-262	10-10
PHILIP-C	6/3/19	☑ ON ☐ OFF	91226.2	170-262	10-10
PHILIP-C	6/4/19	☑ ON ☐ OFF	91252.1	176-262	10-10
PHILIP-C	6/5/19	☑ ON ☐ OFF	91275.3	172-262	10-10
PHILIP-C	6/6/19	☑ ON ☐ OFF	91300.3	173-262	10-10

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
PHILIP. C	6/10/19	☑ ON ☐ OFF	91396.0	196-262 10-10.5
PHILIP.C	6/11/19	☑ ON ☐ OFF	91422.1	170-262 10-10.5
PHILIP.C	6/12/19	☑ ON ☐ OFF	91445.1	175-262 10-10.5
PHILIP. C	6/13/19	☑ ON ☐ OFF	91469.2	165-262 10-10.5
PHILIP.C	6/17/19	☑ ON ☐ OFF	91570.1	165-262 10-10.5
PHILIP.C	6/19/19	☑ ON ☐ OFF	91613.3	167-262 10-10.5
PHILIP.C	6/20/19	☑ ON ☐ OFF	91636.5	177-262 10.5-10.5
PHILIP. C	6/21/19	☑ ON ☐ OFF	91666.0	158-262 10.5-10.5
PHILIP.C	6/24/19	☑ ON ☐ OFF	91735.0	164-262 10.5-10.5
PHILIP.C	6/25/19	☑ ON ☐ OFF	91735.0	168-262 10-5-10.5
PHILIP.C	6/26/19	☑ ON ☐ OFF	91787.0	166-262 10.5-10.5
PHILIP.C	6/27/19	☑ ON ☐ OFF	91777.1	166-262 10.5-10.5
PHILIP.C	7/01/19	☑ ON ☐ OFF	91901.1	163-262 10.5-10.5
PHILIP.C	7/02/19	☑ ON ☐ OFF	91945.2	164-262 10.5-10.5
PHILIP.C	7/03/19	☑ ON ☐ OFF	91945.3	168-262 10.5-10.5
PHILIP.C	7/05/19	☑ ON ☐ OFF	92000.1	172-262 10.5-10.5
PHILIP.C	7/08/19	☑ ON ☐ OFF	92090.1	162-262 10-5-10.5

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)	Observations	
PHILIP. C	7/9/19	☒ ON ☐ OFF	92099.1	169 - 262	10 - 10.5
PHILIP. C	7/10/19	☒ ON ☐ OFF	92098.1	163 262	10 - 10.5
PHILIP. C	7/11/19	☐ ON ☐ OFF	92140.1	162 - 262	10 - 10.5
PHILIP. C	7/15/19	☒ ON ☐ OFF	92237.1	161 - 262	10 - 10.5
PHILIP. C	7/16/19	☒ ON ☐ OFF	92301.1	161 - 262	10 - 10.5
PHILIP. C	7/17/19	☒ ON ☐ OFF	92311.1	162 - 262	10 - 10.5
PHILIP. C	7/18/19	☒ ON ☐ OFF	92308.2	?	?
PHILIP C	7/19/19	☒ ON ☐ OFF	92333.5	?	?
PHILIP. C	7/22/19	☐ ON ☒ OFF	92463.8	?	10.5 - 10.5
PHILIP. C	7/23/19	☐ ON ☒ OFF	92452.4	?	10.5 - 10.5
PHILIP. C	7/24/19	☐ ON ☒ OFF	92452.4	?	10.5 - 10.5
PHILIP. C	7/26/19	☐ ON ☐ OFF	92501.5	?	10.5 - 10.5
PHILIP. C	7/29/19	☐ ON ☐ OFF	92573.5	?	10.5 - 10.5
PHILIP. C	7/30/19	☒ ON ☐ OFF	92597.1	?	10.5 - 10.5
Howard. M	7/31/19	☐ ON ☐ OFF	92621.6	OFF / NA	10.5 - 11
HOWARD. M	8/1/19	☒ ON ☐ OFF	92644	OFF / NA	10.5 - 10.75
DONDE. C	8/2/19	☐ ON ☐ OFF	92674.9		10.5 - 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.

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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.**
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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations
Howard. M	8/5/19	☑ ON ☐ OFF	92741.7	N/A 12 - 12
Howard. M	8/6/19	☑ ON ☐ OFF	92765.1	11 - 11
Howard. M	8/7/19	☑ ON ☐ OFF	92794.2	11 - 12
Howard. M	8/8/19	☑ ON ☐ OFF	92840.3	12 - 12
Howard. M	8/12/19	☑ ON ☐ OFF	92905.2	N/A 12 - 12
Howard. M	8/13/19	☑ ON ☐ OFF	92933.0	N/A 11.5 - 12
Howard. M	8/14/19	☑ ON ☐ OFF	92957.3	N/A 11.5 - 12
Howard. M	8/16/19	☑ ON ☐ OFF	93005.1	N/A 11.5 - 12
Howard. M	8/19/19	☑ ON ☐ OFF	93077.1	N/A 12 - 12
Howard. M	8/21/19	☑ ON ☐ OFF	93142.1	N/A 12 - 12
Howard. M	8/22/19	☑ ON ☐ OFF	93199.7	N/A 12 - 12
Howard. M	8/23/19	☑ ON ☐ OFF	93175.1	N/A 11.5 - 12
Howard. M	8/26/19	☑ ON ☐ OFF	93244.7	N/A 11.5 - 12
Howard. M	8/27/19	☑ ON ☐ OFF	93268.2	N/A 11.5 - 12
Howard. M	8/28/19	☑ ON ☐ OFF	93289.5	N/A 11.5 - 12
Howard. M	8/29/19	☑ ON ☐ OFF	93315.2	N/A 11.5 - 12
Howard. M	8/30/19	☑ ON ☐ OFF	93338.0	N/A 11.5 - 12

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.**
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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	9/3/19	☑ ON ☐ OFF	93435.0	N/A		11.5 - 12
Denise C	9/4/19	☑ ON ☐ OFF	93461.0	N/A	235	11.5 - 12
Howard. M	9-5-19	☑ ON ☐ OFF	93499.1	N/A		
Howard. M	9-6-19	☑ ON ☐ OFF	93506.0	237	238	11.5 - 12
Howard. M	9-9-19	☑ ON ☐ OFF	93580.3	239	239	11.5 - 12
Howard. M	9-10-19	☑ ON ☐ OFF	93603.4	239	239	11.5 - 12
Howard. M	9-11-19	☑ ON ☐ OFF	93627.	239	240	11.5 - 12
Howard. M	9-13-19	☑ ON ☐ OFF	93685.0	237	240	11.5 - 12
Howard. M	9-17-19	☑ ON ☐ OFF	93772.1	237	240	12 - 12
Howard. M	9-18-19	☑ ON ☐ OFF	93800.0	237	240	12 - 12
Howard. M	9-19-19	☑ ON ☐ OFF	93820.0	238 - 240		12 - 12
Howard. M	9-20-19	☐ ON ☑ OFF	93844.0	239 - 242		12 - 12
Howard. M	9-23-19	☐ ON ☑ OFF	93889.1	237 - 240		12 - 12
Howard. M	9-24-19	☐ ON ☑ OFF	93940.0	236 - 237		12 - 12
Howard. M	9-25-19	☐ ON ☑ OFF	93964.0	238	239	12 - 12
Howard. M	9-26-19	☐ ON ☑ OFF	93988.7	238	238	12 - 12
Howard. M	9-30-19	☐ ON ☑ OFF	94085.1	239	239	11.5 - 12

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.**
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6. Conduct inspections daily during first month of operation and weekly thereafter.

Inspector Name	Date	Blower On/Off	Runtime (hours)		Observations
Howard. M	10.1.19	☑ ON ☐ OFF	93603.4	240	11.5 - 12
Howard. M	10.2.19	☑ ON ☐ OFF	94132.1	239	11.5 - 12
Howard. M	10-4-19	☑ ON ☐ OFF	94178.9	239	11.5 - 12
Howard. M	10-7-19	☑ ON ☐ OFF	94252.1	242	11.5 - 12
Howard. M	10-8-19	☑ ON ☐ OFF	94275.3	241	11.5 - 12
Howard. M	10-10-19	☑ ON ☐ OFF	94324.1	247	11.5 - 12
Howard. M	10-13-19	☑ ON ☐ OFF	94396.1	248	11.5 - 11.5
Howard. M	10-15-19	☑ ON ☐ OFF	94444.2	250	11.5 - 12
Howard. M	10-16-19	☑ ON ☐ OFF	94468.3	245	11.5 - 12
Howard M.	10-17-19	☑ ON ☐ OFF	94496.1	246	11.5 - 11.5
Howard M.	10-20-19	☑ ON ☐ OFF	94566.0	250	11.5 - 11.5
Denise C	102319	☑ ON ☐ OFF	94637.1	248	11.5 - 11.5
Howard M.	10-24-19	☑ ON ☐ OFF	94658.2	250	11.5 - 11.5
MIKE D	10-25-19	☑ ON ☐ OFF	94685.4	252	11.5 - 12
MIKE D	10-28-19	☑ ON ☐ OFF	94756.8	246	11 - 12
Howard M.	10-29-19	☑ ON ☐ OFF	94778.0	247	11 - 12
Howard M.	10-30-19	☑ ON ☐ OFF	94799.1	251	11 - 12

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	Observations
Howard M.	10-31-19	☑ ON ☐ OFF	94826.1	247	11-12
Howard M.	11-3-19	☑ ON ☐ OFF	94898.0	250	11-12
Howard M.	11-4-19	☑ ON ☐ OFF	94923.4	282	11-11.5
MIKE D	11-5-19	☑ ON ☐ OFF	94949.3	252	11.5-12
MIKE D	11-7-19	☑ ON ☐ OFF	94996.3	252	11.5-12
MIKE D	11-8-19	☑ ON ☐ OFF	95009.4	252	11.5-12
MIKE D	11-11-19	☑ ON ☐ OFF	95095.2	257	11.5-11.5
Howard M.	11-12-19	☑ ON ☐ OFF	95115.4	256	11.5-11.5
Howard M.	11-13-19	☑ ON ☐ OFF	95139.2	261	11.5-11.5
Howard M.	11-14-19	☑ ON ☐ OFF	95163.0	262	11.5-11.5
Howard M.	11-18-19	☑ ON ☐ OFF	95259.0	262	11.5-11.5
Howard M.	11-19-19	☑ ON ☐ OFF	95284.1	261	11-11
MIKE D	11-22-19	☑ ON ☐ OFF	95356.7	260	11-11.5
Howard M.	11-24-19	☑ ON ☐ OFF	95404.1	256	11-11.5
Howard M.	11-25-19	☑ ON ☐ OFF	95433.4	259	11-11.5
Howard M	11-26-19	☑ ON ☐ OFF	95451.4	259	11-11.5
Howard M	11-27-19	☑ ON ☐ OFF	95475-3	261	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
Howard M.	12-2-19	☑ ON ☐ OFF	95595.2	261	11 - 11
Howard M.	12-3-19	☑ ON ☐ OFF	95620.3	259	11 - 11.5
Howard M.	12-4-19	☑ ON ☐ OFF	95409.2	261 - 218	11 - 11.5
Howard M.	12-4-19	☑ ON ☐ OFF	95667.3	262 - 221	11 - 11
MIKE D	12-5-19	☑ ON ☐ OFF	95672.9	262 - 220	11 - 10.5
MIKE D	12-9-19	☑ ON ☐ OFF	95764.3	258 - 216	11 - 11.5
PHILIP C	12-10-19	☑ ON ☐ OFF	95784.3	256 - 213	11 - 11.5
BRIAN N.	12-11-19	☑ ON ☐ OFF	95811.3	257 - 217	11 - 11.5
BRIAN N.	12/12/19	☑ ON ☐ OFF	95835.1	262 - 221	11 - 11.5
BRIAN N.	12/13/19	☑ ON ☐ OFF	95859.1	261 - 220	11 - 11.5
BRIAN N.	12/16/19	☑ ON ☐ OFF	95931.3	260 - 217	11 - 11.5
BRIAN N.	12/17/19	☑ ON ☐ OFF	95955.9	253 - 212	11 - 11.5
BRIAN N.	12/18/19	☑ ON ☐ OFF	95975.2	262 - 225	11.5 - 12
BRIAN N.	12/20/19	☑ ON ☐ OFF	96027.2	262 - 228	11.5 - 11
BRIAN N.	12/23/19	☑ ON ☐ OFF	96095.1	262 - 228	11.5 - 12
BRIAN N.	12/24/19	☑ ON ☐ OFF	96123.1	262 - 229	11.5 - 12
BRIAN N.	12/26/19	☑ ON ☐ OFF	96171.2	262 - 228	11.5 - 12

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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)	WGW- TOTAL	Observations
BRIAN N.	12/27/19	☐ ON ☐ OFF	96195.1	262 - 227	19.5 — 12
BRIAN N.	12/30/19	☑ ON ☐ OFF	96267.4	262 - 223	11.5 — 12
BRIAN N.	12/31/19	☑ ON ☐ OFF	96291.1	262-223	11.4 — 11.8
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
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		☐ ON ☐ OFF			
		☐ ON ☐ OFF			

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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	
Mike D	12/24/18	☑ ON ☐ OFF	96054.2	580 - 304	5 - 5.5
Mike D	12/26/18	☑ ON ☐ OFF	96165.1	575 - 304	5 - 5.5
Denise C	12/28/18	☑ ON ☐ OFF	96152.5	577 - 305	5 - 5.5
Mike D	12/31/18	☑ ON ☐ OFF	96223.1	581 - 303	5 - 5.5
Ervin H	01/02/19	☑ ON ☐ OFF	96271.7	573 - 305	5.5 - 5.5
Ervin H	01/03/19	☑ ON ☐ OFF	96295.1	578 - 305	5.5 - 5.5
Ervin H	01/04/19	☑ ON ☐ OFF	96319.1	565 - 304	5 - 5.5
Ervin H	01/07/19	☑ ON ☐ OFF	96390.5	573 - 303	5 - 5.5
Ervin H	01/08/19	☑ ON ☐ OFF	96414.5	574 - 305	5 - 5.5
Ervin H	01/09/19	☑ ON ☐ OFF	96439.1	58? - 304	5 - 5.5
Ervin H	01/14/19	☑ ON ☐ OFF	96562.5	580 - 304	5 - 5.5
Cameron Brown	01/16/19	☑ ON ☐ OFF	96607.1	583 - 304	5 - 5.5
Ervin H	01/17/19	☑ ON ☐ OFF	96621.1	578 - 304	5 - 5.5
Ervin H	01/18/19	☑ ON ☐ OFF	96655.1	581 - 305	5 - 5.5
Denise C	01/22/19	☑ ON ☐ OFF	96753.7	587 - 303	5.0 - 5.5
Ervin H	01/25/19	☑ ON ☐ OFF	96823.1	584 - 306	5.0 - 5.5
Ervin H	01/28/19	☑ ON ☐ OFF	96901.1	580 - 305	5.0 - 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
Ervin H	01/29/19	☑ ON ☐ OFF	96919.1	583-305 5-5.5
Ervin H	01/30/19	☑ ON ☐ OFF	96942.1	580-305 5-5.5
Ervin H	01/31/19	☐ ON ☐ OFF	96967.1	583-304.5-5.5
Ervin H	02/04/19	☑ ON ☐ OFF	97013.4	573-304 .5-5.5
Ervin H	02/05/19	☑ ON ☐ OFF	97087.1	583-303 5.5-5.5
Ervin H	02/06/19	☐ ON ☐ OFF	97255.2	583-304 5.5-5.5
Ervin H	02/07/19	☐ ON ☐ OFF	97303.2	580-305 5-5.5
Cameron Brown	02/12/19	☑ ON ☐ OFF	97471.2	578-304 5-5.5
Ervin H	02/27/19	☐ ON ☐ OFF	97495.2	581-304 5-5.5
MIKE D	2/26/19	☐ ON ☐ OFF	97595.6	580-304 5-5.5
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ ON ☐ OFF		
		☐ 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)	Observations	
ERVIN H	03/04/19	☑ ON ☐ OFF	97735.2	588 - 304	5-5.5
ERVIN H	03/05/19	☑ ON ☐ OFF	97743.1	580 - 305	5-5.5
ERVIN H	03/11/19	☑ ON ☐ OFF	97902.0	585 - 306	5-5.5
ERVIN H	03/12/19	☑ ON ☐ OFF	97926.1	585 - 305	5-5.5
ERVIN H	03/18/19	☑ ON ☐ OFF	98070.3	581 - 305	5-5.5
GERMAN M	03/20/19	☑ ON ☐ OFF	98116.3	304 CFM, 580 CFM	5, 5.5 ind.
GERMAN M	03/22/19	☑ ON ☐ OFF	98116	572 CFM → 305 CFM	5 → 5.5
GERMAN M	03/25/19	☑ ON ☐ OFF	98236	582 CFM - 305	5-5.5
GERMAN M	03/27/19	☑ ON ☐ OFF	98286	580 - 300	5-5
GERMAN M	03/29/19	☑ ON ☐ OFF	98334	580 - 305	5-5.5
GERMAN M	04/01/19	☑ ON ☐ OFF	98406	579 - 304	5-5.5
GERMAN M	04/02/19	☑ ON ☐ OFF	98430	570 - 360	5-5.5
GERMAN M	04/03/19	☑ ON ☐ OFF	98454	578 - 305	5-5.5
GERMAN M	04/05/19	☑ ON ☐ OFF	98502.7	582 - 304	5-5.5
GERMAN M	04/08/19	☑ ON ☐ OFF	98574.6	581 - 302	5-5.5
GERMAN	04/10/19	☑ ON ☐ OFF	98612.3	581 - 305	5-5.5
GERMAN	04/11/19	☑ ON ☐ OFF	98646.4	581 - 304	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	
GERMAN	04/12/19	☑ ON ☐ OFF	98670.5	577 - 303	5 - 5.5
Ernie G	04/16/19	☑ ON ☐ OFF	98766.1	577 - 303	5 - 5.5
Ernie G	04/18/19	☑ ON ☐ OFF	98814.5	577 - 305	5 - 5.5
Ernie G	04/19/19	☑ ON ☐ OFF	98838.8	577 - 304	5 - 5.5
GERMAN	04/22/19	☑ ON ☐ OFF	98918.4	575 - 304	5 - 5.5
PHILIP. C	04/25/19	☑ ON ☐ OFF	98982.5	575 - 305	5 - 5.5
PHILIP. C	04/26/19	☑ ON ☐ OFF	99006.2	575 - 304	5 - 5.5
PHILIP. C	04/29/19	☑ ON ☐ OFF	99078.1	576 - 305	5 - 5.5
PHILIP. C	04/30/19	☑ ON ☐ OFF	99102.1	580 - 304	5 - 5.5
PHILIP. C	05/01/19	☑ ON ☐ OFF	99126.1	577 - 303	5 - 5.5
PHILIP. C	05/02/19	☑ ON ☐ OFF	99149.1	583 - 305	5 - 5.5
PHILIP. C	05/06/19	☑ ON ☐ OFF	99246.0	577 - 304	5 - 5.5
PHILIP. C	05/08/19	☑ ON ☐ OFF	99294.0	576 - 305	5 - 5.5
PHILIP C	05/09/19	☑ ON ☐ OFF	99316.0	575 - 303	5 - 5.5
PHILIP. C	05/10/19	☑ ON ☐ OFF	99342.0	579 - 304	5 - 5.5
PHILIP. C	05/13/19	☑ ON ☐ OFF	99413.4	567 304	5 - 5.5
PHILIP. C	05/14/19	☑ ON ☐ OFF	99437.5	580 - 306	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	
PHILIP.C	5/15/19	☑ ON ☐ OFF	99462.1	576-305	5-5.5
PHILIP.C	5/16/19	☑ ON ☐ OFF	99486.1	571-305	5-5.5
PHILIP.C	5/20/19	☑ ON ☐ OFF	99582.1	570-305	5-5.5
PHILIP.C	5/21/19	☑ ON ☐ OFF	99606.1	570-304	5-5.5
PHILIP.C	5/22/19	☐ ON ☐ OFF	99630.1	578-304	5-5.5
PHILIP.C	5/23/19	☑ ON ☐ OFF	99653.0	575-303	5-5.5
PHILIP.C	5/28/19	☑ ON ☐ OFF	99774.1	575 304	5-5.5
PHILIP.C	5/29/19	☑ ON ☐ OFF	99765.1	576-304	5-5.5
PHILIP.C	5/30/19	☑ ON ☐ OFF	99822.1	577 304	5-5.5
PHILIP.C	5/31/19	☑ ON ☐ OFF	99846.1	575 305	5-5.5
PHILIP.C	6/3/19	☑ ON ☐ OFF	99917.5	579 305	5-5.5
PHILIP.C	6/4/19	☑ ON ☐ OFF	99947 ?	571 305	5-5.5
PHILIP.C	6/5/19	☑ ON ☐ OFF	99966.1	576 304	5-5.5
PHILIP.C	6/6/19	☑ ON ☐ OFF	99990.3	577 304	5-5.5
PHILIP.C	6/10/19	☑ ON ☐ OFF	00086.1	577 305	5-5.5
PHILIP.C	6/11/19	☑ ON ☐ OFF	00110.1	576 305	5-5.5
PHILIP.C	6/12/19	☑ ON ☐ OFF	00134.0	570 305	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	
PHILIP. C	6/13/19	☑ ON ☐ OFF	00182.0	580-303	5-5.5
PHILIP. C	6/17/19	☑ ON ☐ OFF	00259.7	576-303	5-5.5
PHILIP. C	6/19/19	☑ ON ☐ OFF	00302.1	576-304	5-5.5
PHILIP. C	6/20/19	☑ ON ☐ OFF	00325.1	573-305	5-5.5
PHILIP. C	6/21/19	☑ ON ☐ OFF	00446.2	570-305	5-5.5
PHILIP. C	6/24/19	☑ ON ☐ OFF	00446.1	576-305	5.5.5
PHILIP. C	6/25/19	☑ ON ☐ OFF	00436.2	563-305	5-5.5
PHILIP. C	6/26/19	☑ ON ☐ OFF	00470.1	571-304	5-5.5
PHILIP. C	6/27/19	☑ ON ☐ OFF	00461.1	572-305	5-5.5
PHILIP. C	7/1/19	☑ ON ☐ OFF	00590.2	573-304	5-5.5
PHILIP. C	7/2/19	☑ ON ☐ OFF	00638.1	570-304	5-5.5
PHILIP. C	7/3/19	☑ ON ☐ OFF	00638.1	572-303	5-5.5
PHILIP. C	7/5/19	☑ ON ☐ OFF	00631.1	570-304	5-5.5
PHILIP. C	7/8/19	☑ ON ☐ OFF	00631.2	568-303	5-5.5
PHILIP. C	7/9/19	☐ ON ☐ OFF	00782.5	570-303	5-5.5
PHILIP. C	7/10/19	☑ ON ☐ OFF	00871.5	571 303	5-5.5
PHILIP. C	7/11/19	☑ ON ☐ OFF	00829.0	564-303	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.**
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Inspector Name	Date	Blower On/Off	Runtime (hours)	Observations		
PHILIP.C	7/12/19	☑ ON ☐ OFF	00926.1	571 - 303		5-5.5
PHILIP.C	7/15/19	☑ ON ☐ OFF	00926.3	566 - 304		5-5.5
PHILIP.C	7/16/19	☑ ON ☐ OFF	00973.1	567 - 303		5-5.5
PHILIP.C	7/17/19	☑ ON ☐ OFF	00974.1	570 - 303		5-5.5
PHILIP.C	7/18/19	☑ ON ☐ OFF	01022.1	567 - 303		5-5.5
PHILIP.C	7/22/19	☑ ON ☐ OFF	01094.1	567 - 302		5-5.5
PHILIP.C	7/23/19	☑ ON ☐ OFF	01142.0	561 - 302		5-5.5
PHILIP.C	7/24/19	☑ ON ☐ OFF	01142.0	561 - 304		5-5.5
PHILIP.C	7/26/19	☑ ON ☐ OFF	01190.1	564 - 305		5-5.5
PHILIP.C	7/29/19	☑ ON ☐ OFF	01181.1	564 - 305		5-5.5
PHILIP.C	7/30/19	☑ ON ☐ OFF	01286.1	569 303		5-5.5
HOWARD.M	7/31/19	☑ ON ☐ OFF	01310.2	302 - 303		5-5.5
DONDE C	8/2/19	☑ ON ☐ OFF	01363.3	565 303		5-5.5
Howard.M	8/5/19	☑ ON ☐ OFF	01436.8	304 302		5-5.5
Howard.M	8/6/19	☑ ON ☐ OFF	01454.0	303 - 304		5-5.5
HOWard.M	8/7/19	☑ ON ☐ OFF	01483.1	302 - 303		5-5.5
Howard.M	8/8/19	☑ ON ☐ OFF	01532.5	302 - 303		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)

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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	8/12/19	☑ ON ☐ OFF	01597.3	5 - 5.5 303 - 304
Howard M	8/14/19	☑ ON ☐ OFF	01646.0	5 - 5.5 303 - 304
Howard. M	8/16/19	☑ ON ☐ OFF	01694.2	5 - 5.5 303 - 304
Howard. M	8/19/19	☑ ON ☐ OFF	01766.0	5 - 5.5 302 - 303
Howard. M	8/25/19	☑ ON ☐ OFF	01814.3	5 - 5.5 304 - 304
Howard. M	8/26/19	☑ ON ☐ OFF	01934.0	5 - 5.5 304 - 305
Howard. M	8/27/19	☑ ON ☐ OFF	01957.3	5 - 5.5 303 - 304
Howard. M	8/28/19	☑ ON ☐ OFF	01981.3	5 - 5.5 303 - 304
Howard. M	8/29/19	☑ ON ☐ OFF	02005.1	5 - 5.5 304 - 304
Howard. M	8/30/19	☑ ON ☐ OFF	02029.4	5 - 5.5 303 - 304
Howard. M	9/3/19	☑ ON ☐ OFF	02125.1	5 - 5.5 304 - 304
Howard. M	9/4/19	☑ ON ☐ OFF	02149.1	5 - 5.5 303 - 304
Howard. M	9-5-19	☑ ON ☐ OFF	02161.5	5 - 5.5 304 - 304
Howard. M	9-6-19	☑ ON ☐ OFF	02198.8	5 - 5.5 303 - 304
Howard. M	9-9-19	☑ ON ☐ OFF	02270.3	5 - 5.5 304 - 304
Howard. M	9-10-19	☑ ON ☐ OFF	02293.5	5.5.5 304 - 305
Howard. M	9-11-19	☑ ON ☐ OFF	02317.3	5.5.5 302 - 303

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	Observations
Howard. M	9-13-19	☑ ON ☐ OFF	02365.9	303	575	5-5.5
Howard. M	9-17-19	☑ ON ☐ OFF	02462.1	303	568	5-5.5
Howard. M	9-18-19	☑ ON ☐ OFF	02490.8	302	304	5-5.5
Howard. M	9-19-19	☑ ON ☐ OFF	02510.2	304	571	5-5.5
Howard. M	9-23-19	☑ ON ☐ OFF	02630.4	304	574	5-5.5
Howard. M	9-24-19	☑ ON ☐ OFF	02655.5	303	571	5-5.5
Howard. M	9-25-19	☑ ON ☐ OFF	02679.9	303	573	5-5.5
Howard. M	9-26-19	☑ ON ☐ OFF	02701.1	304	575	5-5.5
Howard. M	9-30-19	☑ ON ☐ OFF	02773.0	304	577	5-5.5
Howard. M	10-01-19	☑ ON ☐ OFF	02800.7	304	571	5-5.5
Howard. M	10-2-19	☑ ON ☐ OFF	02821.4	304	575	5-5.5
Howard. M	10-4-19	☑ ON ☐ OFF	02867.5	303	571	5-5.5
Howard. M	10-7-19	☑ ON ☐ OFF	02942.2	304	572	5-5.5
Howard. M	10-8-19	☑ ON ☐ OFF	02966.2	305	571	5-5.5
Howard. M	10-9-19	☑ ON ☐ OFF	03001.4	304	577	5-5.5
Howard. M	10-10-19	☑ ON ☐ OFF	03033.8	304	572	5-5.5
Howard. M	10-13-19	☑ ON ☐ OFF	03086.0	303	575	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	
Howard. M	10-15-19	☑ ON ☐ OFF	03184.9	303 - 577	5 - 5.5
Howard. M	10-16-19	☑ ON ☐ OFF	03158.0	303 - 576	5 - 5.5
Howard. M	10-17-19	☑ ON ☐ OFF	03186.1	304 - 579	5 - 5.5
Howard M.	10-20-19	☑ ON ☐ OFF	03256.0	303 - 574	5 - 5.5
Derrel C	10-23-19	☑ ON ☐ OFF	03328.8	304 576	5 - 5.5
Howard M.	10-24-19	☑ ON ☐ OFF	03349.3	305 - 574	5 - 5.5
MIKE D	10-25-19	☑ ON ☐ OFF	03376.8	304 - 576	5 - 5.5
MIKE D	10-28-19	☑ ON ☐ OFF	03447.9	303 - 574	5 - 5.5
Howard M	10-29-19	☑ ON ☐ OFF	03470.1	303 - 578	5 - 5.5
Howard M.	10-30-19	☑ ON ☐ OFF	03492.9	304 - 575	5 - 5.5
Howard M.	10-31-19	☐ ON ☐ OFF	03517.0	305 - 568	5 - 5.5
Howard M	11-3-19	☑ ON ☐ OFF	03539.9	303 - 574	5 - 5.5
Howard M	11-4-19	☑ ON ☐ OFF	03614.5	302 - 575	5 - 5.5
MIKE D	11-5-19	☑ ON ☐ OFF	03640.7	302 - 575	5 - 5.5
MIKE D	11-7-19	☑ ON ☐ OFF	03688.3	302 - 577	5 - 5.5
MIKE D	11-8-19	☑ ON ☐ OFF	03724.4	303 - 577	5.5.5
MIKE D	11-11-19	☑ ON ☐ OFF	03787.4	302 574	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)	TOTAL WELL Observations	
Howard M.	11-12-19	☑ ON ☐ OFF	03806.8	304 - 577	5 - 5.5
Howard M.	11-13-19	☑ ON ☐ OFF	03831.2	304 - 558	5 - 5.5
Howard M	11-14-19	☑ ON ☐ OFF	03854.5	304 - 581	5 - 5.5
~~Howard M~~	~~11-18-19~~	☑ ON ☐ OFF	~~03878.8~~	~~307 - 555~~	~~5 - 5.5~~
Howard M	11-18-19	☐ ON ☐ OFF	03958.4	304 - 580	5 - 5.5
Howard M	11-19-19	☐ ON ☐ OFF	03975.7	303 - 573	5 - 5.5
MIKE D	11-20-19	☐ ON ☐ OFF	04047.7	303 - 581	5 - 5.5
Howard M.	11-24-19	☐ ON ☐ OFF	04095.7	304 - 578	5 - 5.5
Howard M.	11-25-19	☐ ON ☐ OFF	04125.1	303 - 581	5 - 5.5
Howard M.	11-26-19	☐ ON ☐ OFF	04143.4	301 - 571	5 - 5.5
Howard M.	11-27-19	☐ ON ☐ OFF	04167.0	302 - 582	5 - 5.5
Howard M.	12-2-19	☑ ON ☐ OFF	04287.3	303 - 589	5 - 6
Howard M.	12-3-19	☐ ON ☐ OFF	04311.5	301 - 576	5 - 5.5
Howard M	12-4-19	☐ ON ☐ OFF	04335.8	302 - 586	5 - 5.5
Howard M.	12-5-19	☐ ON ☐ OFF	04359.2	303 - 579	5 - 5.5
Mike D	12-9-19	☐ ON ☐ OFF	04456.8	304 - 587	5 - 5.5
Philip C	12-10-19	☐ ON ☐ OFF	04477.4	302 - 571	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)	TOTAL WELL	Observations
BRIAN N.	12-11-2019	☑ ON ☐ OFF	04503.5	302 - 571	5 - 5.5
BRIAN N.	12/12/2019	☑ ON ☐ OFF	04527.2	303 - 574	5 - 5.6
BRIAN N.	12/13/2019	☑ ON ☐ OFF	04551.4	303 - 576	5 - 5.6
BRIAN N.	12/16/19	☑ ON ☐ OFF	04623.2	304 - 582	5 - 5.6
BRIAN N.	12/17/19	☑ ON ☐ OFF	04647.5	305 - 585	5.1 - 5.6
BRIAN N.	12/18/19	☑ ON ☐ OFF	04671.1	304 - 577	5.1 - 5.5
BRIAN N.	12/20/19	☑ ON ☐ OFF	04719.1	303 - 578	5.1 - 5.6
BRIAN N.	12/23/19	☑ ON ☐ OFF	04791.1	303 - 0582	5.1 - 5.6
BRIAN N.	12/24/19	☑ ON ☐ OFF	04815.1	303 - 577	5.1 - 5.6
BRIAN N.	12/26/19	☑ ON ☐ OFF	04863.2	303 - 573	5.1 - 5.6
BRIAN N.	12/27/19	☐ ON ☑ OFF	04887.5	303 - 567	5.1 - 5.6
BRIAN N.	12/30/19	☐ ON ☑ OFF	04959.1	303 - 580	5.1 - 5.6
BRIAN N.	12/31/19	☑ ON ☐ OFF	04983.1	303 - 579	5.1 - 5.6
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			
		☐ ON ☐ OFF			

* Start 2020 ON NEW Page

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 Casenza

Date: December 11, 2019

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 11, 2019

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 - on-site wells have been decommissioned

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 1/22/19, 2/14/19, 3/18/19, 4/12/19, 5/16/19, 6/14/19
7/31/19, 8/2/19, 9/4/19, 10/23/19, 11/18/19, 12/20/19

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

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

12/19/2019

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

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 Michael Simpson:

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, 2020**. 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

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

cc: w/ enclosures

Nycdot Attn: Division Of Legal Affairs
Queens West Development Corporation

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, 2018 to December 31, 2019

	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/ECs 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 Landuse Restriction 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 Ground Water Use Restriction 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 Site Management Plan 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 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. Subsurface Barriers Vapor Mitigation Cover System

Parcel	Engineering Control
19-19	Vapor Mitigation Cover System Subsurface Barriers
19-5	Vapor Mitigation Cover System 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 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. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or 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 2213 (print business address),

am certifying as Vice President Avalon Bay (Owner or Remedial Party)

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

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

1/28/20
Date

IC/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 (print name) at ATC Group Services, 104 E. 25th Street, New York, NY 10010, (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
		1/28/2020

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

May 14, 2019

Michael Simpson
Avalon Riverview III, LLC
c/o AvalonBay Communities, Inc.
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, 2017 to December 31, 2018.

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, 2020. You will receive a reminder letter and updated certification form 45-days prior to the due date.

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,

Sondra Martinkat
Project Manager

ec: Jane O'Connell – NYSDEC
Justin Deming, Dawn Hettrick – NYSDOH
Oluwatobi Jaiyesimi, Simon Wynn – Queens West Development Corporation
Denise Cosenza, Gil Gideon – ATC Cardno
Angela Malik – Avalon Bay

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

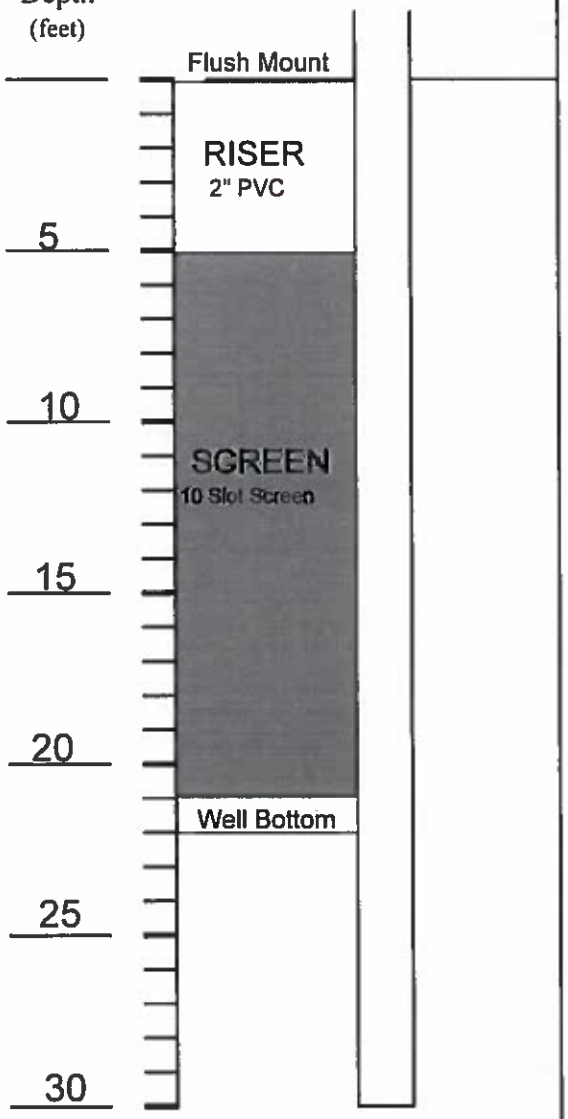
WELL DECOMMISSIONING RECORD

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

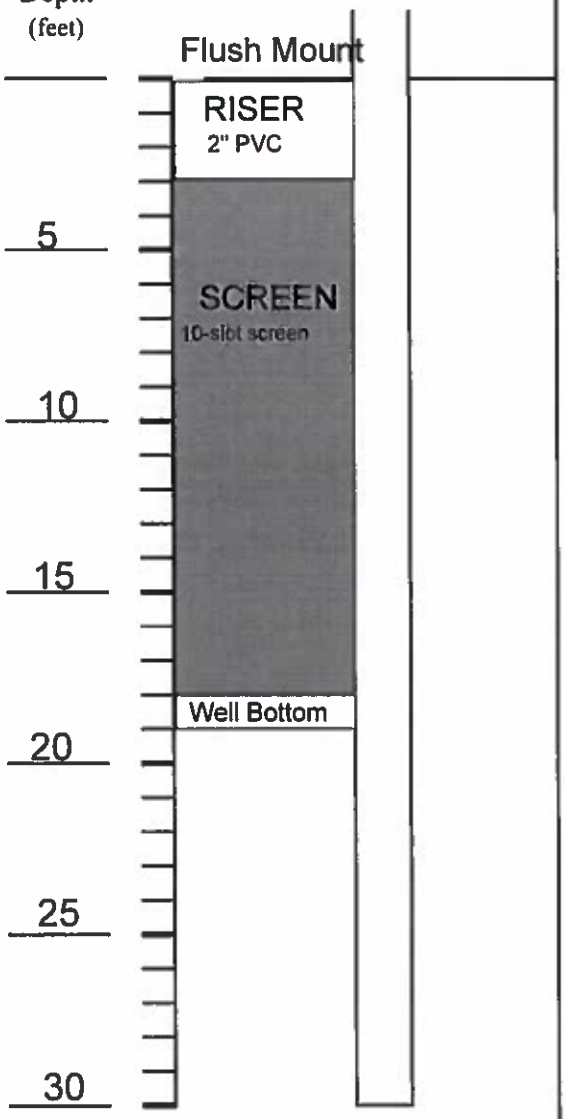
WELL DECOMMISSIONING RECORD

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

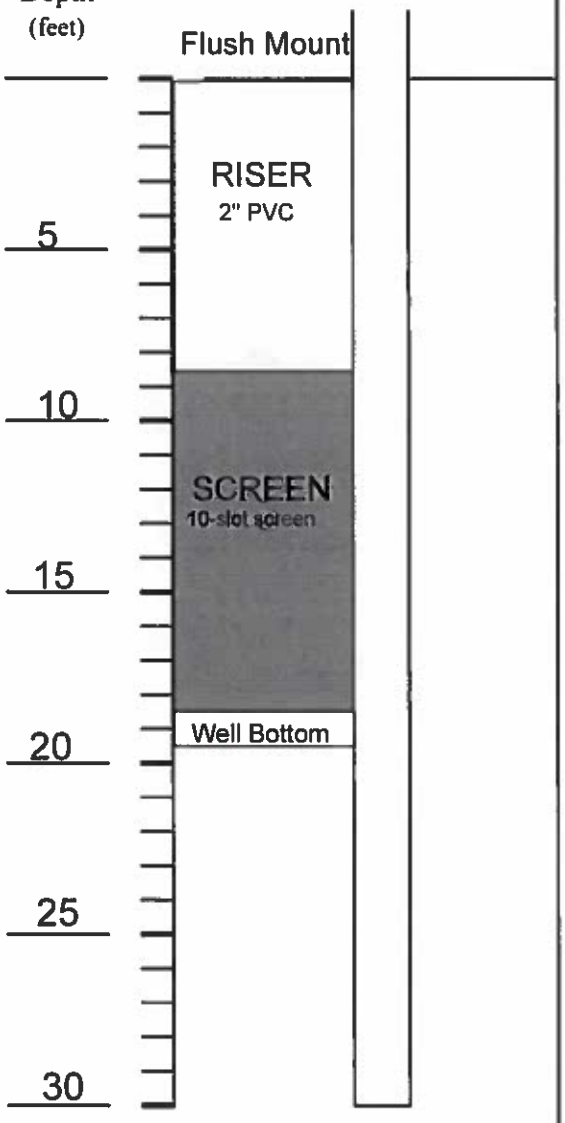
WELL DECOMMISSIONING RECORD

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

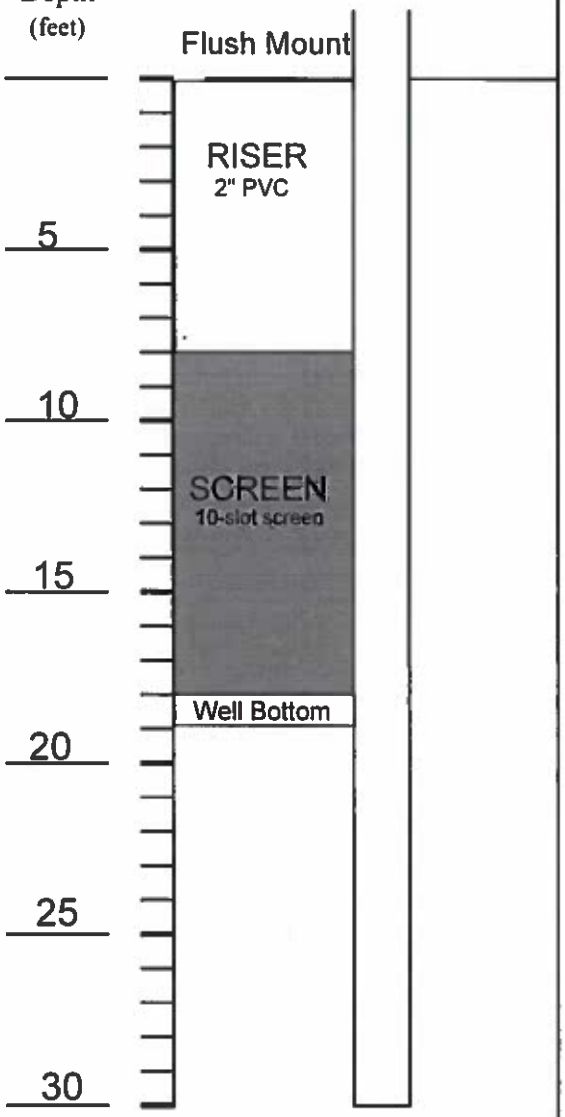
WELL DECOMMISSIONING RECORD

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

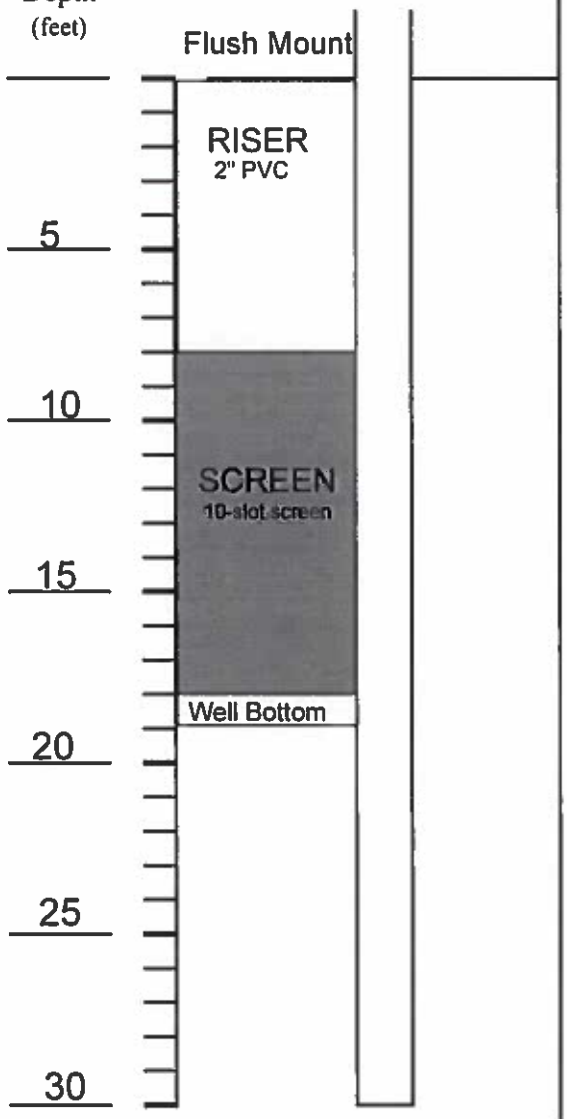
WELL DECOMMISSIONING RECORD

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

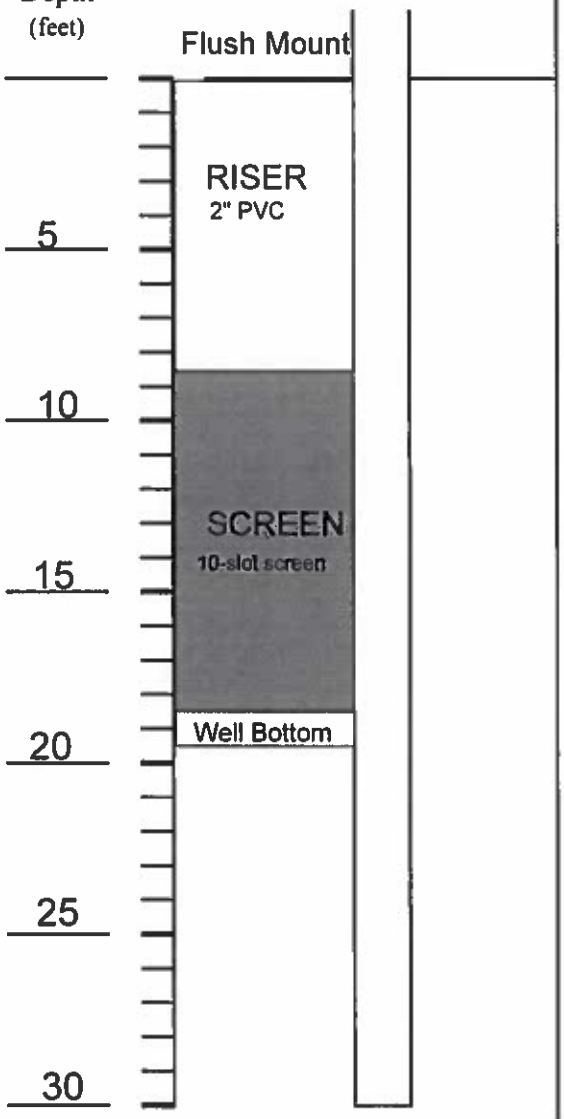
WELL DECOMMISSIONING RECORD

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

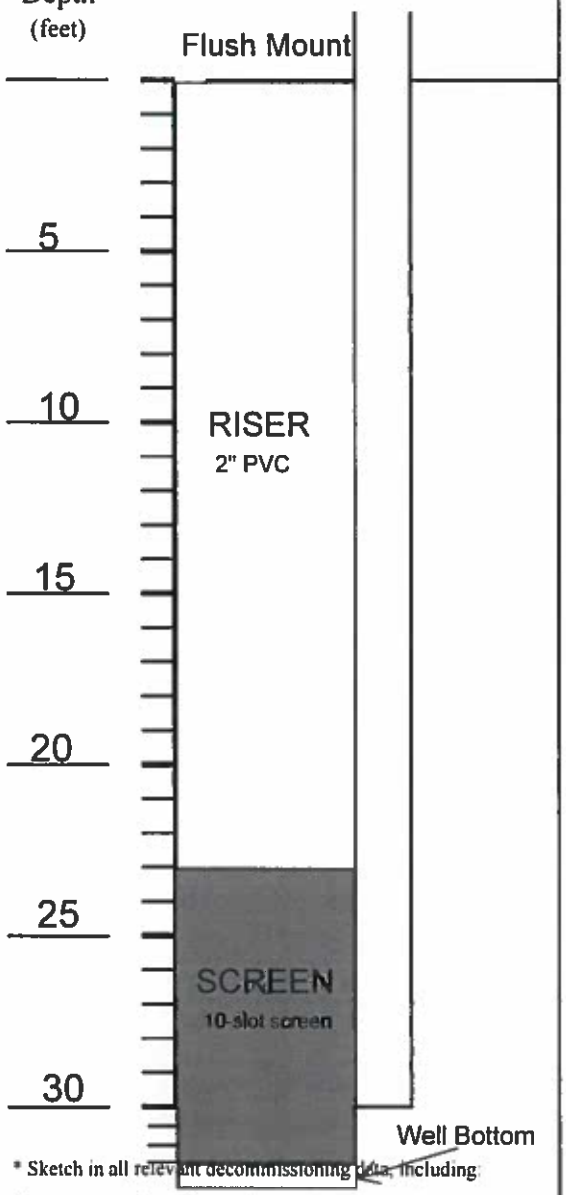
WELL DECOMMISSIONING RECORD

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

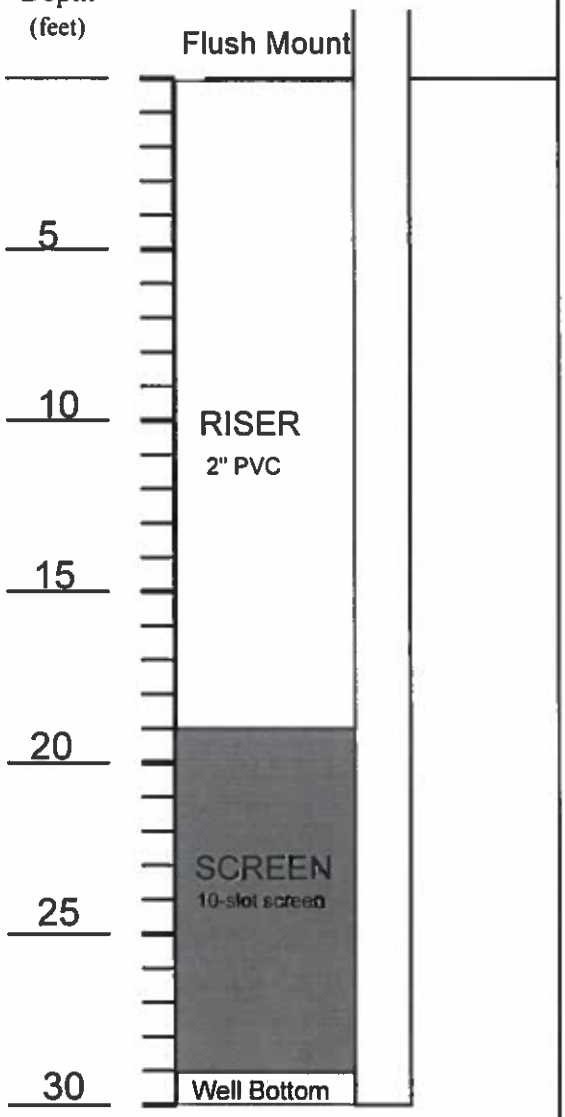
FIGURE 3
WELL DECOMMISSIONING RECORD

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