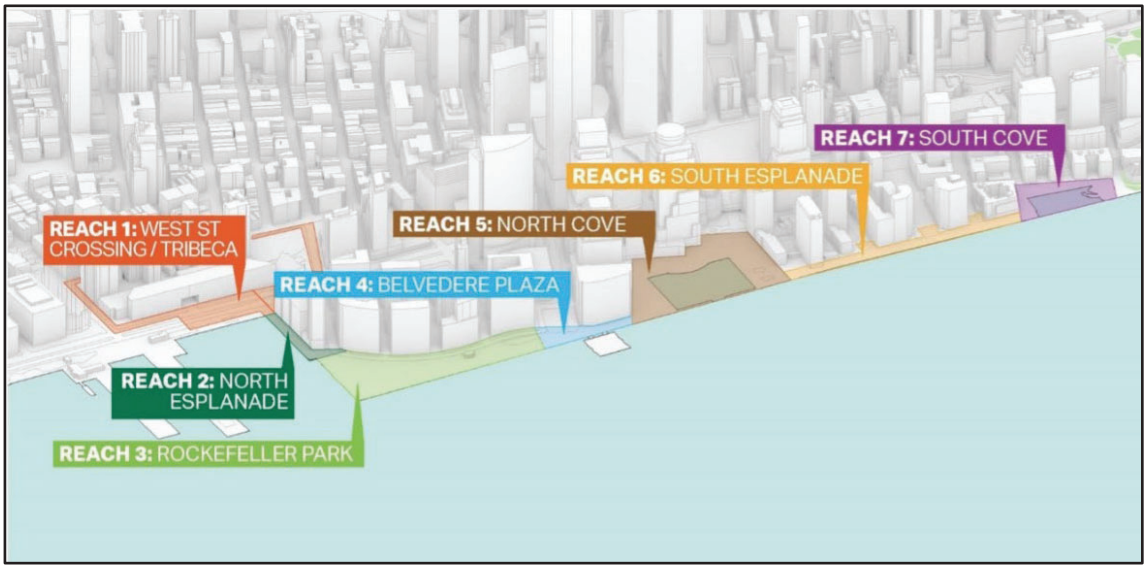
MONTHLY INDEPENDENT COMMUNITY AIR MONITORING REPORT

AUGUST 2026

NORTH/WEST BATTERY PARK CITY
RESILIENCY PROJECT



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PREPARED BY:

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NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT:	**Battery Park City Authority (BPCA)**	**PERIOD COVERED:**	**August 1 through August 31, 2026**
CONTRACTOR:	**Turner-SPC JV (Turner)**	**REPORT DATE:**	**11/2/2026**
CAMP OPERATOR:	**Enovate Engineering, PLLC (Enovate)**	**EXCEL COMMUNITY MONITORS:**	**Brian Nale, Hazel Griffee, John Masculin, Molly McCracken**

ATTACHMENTS:

Table 1 - Role of the Independent Community Monitor
Table 2 - Community Air Monitoring Action Levels and Criterion
Figure 1 - Reach Location Map
Figure 2 - Reach 1, Stage 1A Design AM Locations
Figure 3 - Reach 1, Stages 1B and 1C Design AM Locations
Figure 4 - Reach 1, Stages 1D, 1E, and 2A Design AM Locations
Figure 5 - Reach 2, Stage 2A Design AM Locations
Figure 6 - Reach 3, Stage 2B Design AM Locations
Figure 7 - Reach 3, Stage 3B Design AM Locations
Figure 8 - Reach 3, Stage 3B Design AM Locations
Figure 9 - Reach 3, Stage 3C Design AM Locations
Figure 10 - Reach 4, Stages 4A and 4B Design AM Locations
Figure 11 - Reach 5, Stages 5A/B and 5C Design AM Locations
Figure 12 - Reach 5, Stage 5C Design AM Locations
Figure 13 - Reach 5, Stage 5D Design AM Locations
Figure 14 - Reach 5, Stages 5D and 5E Design AM Locations
Figure 15 - Reach 6, Stage 6A Design AM Locations
Figure 16 - Reach 6, Stage 6B Design AM Locations
Figure 17 - Reach 6, Stages 6C and 6D Design AM Locations
Figure 18 - Reach 7, Stages 7A and 7B Design AM Locations
Figure 19 - Reach 7, Stages 7B and 7C Design AM Locations
Figure 20 - Noise Monitoring Device Locations
Attachment A - Excel On-Site Inspection Reports
Attachment B - Graphs Showing Dust Exceedances Only

AIR QUALITY/NOISE MONITORING PERSONNEL ONSITE	
Excel Environmental Resources, Inc.	Brian Nale, John Masculin
Enovate/Turner	Michael Ruggiero/Dave Diercksen

1.0 EXECUTIVE SUMMARY

Excel conducted Independent Community Monitoring (ICM) at the North/West Battery Park City Resiliency Project Site from Sat., 8/1/26 through Mon., 8/31/26. Reach locations are shown in Figure 1 and the Aeroqual Air Monitoring (AM) units in use as part of the Community Air Monitoring Plan (CAMP) as established by the CAMP Design Plans are shown in Figures 2 through 19. Noise monitoring device locations are shown in Figure 20. Graphs showing air quality level exceedances are provided in Attachment B for particle matter (PM) 2.5 and PM 10 dust only because there were no exceedances for volatile organic compounds (VOCs) during the reporting period and noise data was not yet provided to Excel. The work in progress during the reporting period is summarized in Section 2.0 below and the best management practices (BMPs) in use during construction for minimizing the generation of dust and noise are described in Section 3.0.

Overview of Excel's ICM Work Scope:
As summarized in the enclosed Table 1, Excel's ICM work scope included independent oversight of air quality and noise monitoring required to be conducted by the subcontractor, Enovate, for the BPCA's general contractor, Turner, as part of an approved CAMP and Noise Monitoring & Control Plan. Enovate is implementing the CAMP using the Aeroqual system for 24-hour per day real-time air quality monitoring within each of the active Reach work areas. The CAMP alert levels are summarized in the enclosed Table 2. Excel remotely reviewed the air quality data during the reporting period, including VOCs, PM 2.5, and PM 10, recorded at the active AM unit locations within the seven Reaches where work was in progress as summarized in Section 2.0 below.

Overview of Remote CAMP Monitoring Data:
An overview of the CAMP air quality exceedances, actions taken, and ICM comments is provided as Section 4.0 of this report and is summarized herein. There were no VOC action level exceedances during the reporting period. There were 17 exceedances of the PM2.5 Action Level 1 (25 micrograms per cubic meter, or ug/m3), 28 exceedances of the PM2.5 Action Level 2 (35 ug/m3), 22 exceedances of the PM10 Action Level 1 (100 ug/m3), and 16 exceedances of the PM10 Action Level 2 (150 ug/m3) in the month of August 2026. Excerpts of the graphs showing the Aeroqual system exceedances are enclosed in Attachment B.

As summarized in the Overview provided in Section 4.0, exceedances of the dust Action Levels were attributed by Enovate to either on-Site construction-related activities or, when no construction was in progress, to wind blowing exposed soil and generating fugitive dust in the work area. As summarized in Section 4.0 (Overview) of this report, there were multiple occasions when the Alert Level 1 for PM 2.5 and PM 10 was exceeded and action was taken to reduce dust generation, however, proactive measures should be in place in in effort to minimize dust generation. There were also multiple Alert Level 2 exceedances for PM 2.5 and/or PM 10 and, as noted, work was paused or stopped and BMPs were evaluated and implemented before work in accordance with the CAMP. There were, however, exceedances for which the contractor did not provide information regarding actions taken and this should be addressed going forward with more timely communication between Turner and Enovate when the alerts occur so that the cause and mitigation can be confirmed and documented.

Excel has recommended to BPCA, Turner, and Enovate to consistently adhere to the provisions of the CAMP, including consistent, pro-active use of BMPs to minimize generation of fugitive dust, re-evaluation of BMPs when Alert Level 1 for PM 2.5 or PM 10 is exceeded, and stopping of work if Alert Level 2 is exceeded. We have also recommended that, per the CAMP, after work is stopped, BMPs for dust control be re-evaluated and dust levels returned to below Alert Levels before work is resumed. Note also that review of the Weekly battery outages at AM units during the reporting period with the majority occurring between Thursday and Monday, with occasional outages at other times of the week. We understand from Turner and Enovate that batteries are changed out in every AM unit on Monday, Wednesday, and Friday mornings therefore outages that occur over the weekend periods may be reduced by changing batteries later in the day on Fridays, or transitioning to hardwire power.

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1.0 EXECUTIVE SUMMARY (CONTINUED)

Overview of Noise Monitoring Data from Enovate Weekly Reports:
Enovate is also implementing 24 hour per day noise monitoring in accordance with the Noise Monitoring Plan with a total of 24 noise monitors with between one to 12 monitors installed within the Reach, depending on the size of the work area. Excel does not have remote access to the noise monitoring data but has been provided the Enovate Weekly Noise Monitoring Reports and has incorporated the findings for August 2026 into this monthly report. An overview of the noise monitoring exceedances, actions taken, and ICM comments is provided in Section 5.0 of this report and is summarized below. As noted in Section 5.0, there were multiple occasions when the Lmax Noise Alert Level was exceeded and less frequent but still exceedances of the Leq 1 Hr. Noise Alert Level. No information is provided in the Weekly Noise Monitoring Reports as to what actions were taken. Excel has recommended to BPCA, Turner, and Enovate to consistently adhere to the provisions of the Noise Monitoring & Control Plan which, as summarized in Table 2, indicates that if a Noise Alert Level is exceeded that, based on the engineer or design builder's direction, construction procedures should be modified or mitigation measures implemented and to indicate actions taken in future reports.

Overview of Excel On-Site Inspections:
In addition to the remote monitoring of the CAMP data and review of weekly noise monitoring reports, an onsite inspection was conducted by Excel on 8/14/26 and 8/28/26. The On-Site Inspection Reports are enclosed in Attachment A. No work was in progress in Reaches 4, 6, and 7 at the time of the 8/14/26 site inspection nor in Reaches 3 and 6 at the time of the 8/28/26 site inspection. As shown in Attachment A, there was visible dust observed in Reach 1 during the 8/14/26 visit to this work area and maximum instantaneous PM 10 dust levels were above background but below the CAMP alert levels. The dust was associated with an excavator moving soil and there was no dust mitigation being used which was relayed to Turner to address. Excel also observed an AM-unit inadvertently covered by a noise blanket. Excel relayed these concerns to a on-site Turner representative and the issue was addressed. There was no observation of visible dust in any of the other Reaches during the 8/14/26 inspection and none observed in any of the active Reaches during Excel's 8/28/26 site inspection. The ground surface and soil conditions during the 8/28/26 site inspection indicated soil was moist or wet. Noise blankets were confirmed to be in place on the majority of perimeter fencing within the active Reaches as shown in the photographs provided in the On-Site Inspection Reports. There were no VOCs in the ambient air in any of the Reaches other than a trace in Reach 5 on 8/14/26 which was not at a level of concern and PM 10 dust levels were generally consistent with background other than in Reach 1 on 8/14/26 where PM 10 dust was above background but not above CAMP alert levels.

2.0 WORK IN PROGRESS DURING REPORTING PERIOD

Reach 1	Existing Structure Demolition, Excavation and Backfill Activities
Reach 2 Stage 2A	Pile Drilling and Grouting, Temporary Water Main Installation and Plumbing Activities, Water Main Relocation and Tie-In Activities, Site Demolition and Removal Activities, Soil Excavation and Load Out, Salvage and Light Pole Removal, Stuyvesant High School Modification Activities, Utility Investigation and Boring Activities, Pavement Restoration, Bike Lane / Maintenance and Protection of Traffic Activities
Reach 3	Electrical Utility Relocation Activities, Pile Drilling and Grouting, Electrical Feeder Installation and Cutover Activities
Reach 4	Water Main Demolition and Backfill, Stormwater Bypass Installation, Electrical Utility Installation and Relocation, Clearing for Pile Installation
Reach 5 Stage 5CD and Stage 5E	Drainage Improvements, Utility Demolition and Removal, Site and Fountain Demolition, Support of Excavation Installation, Sanitary Utility Installation and Investigation, Concrete Removal and Saw cutting, Pedestrian Walkway Improvements, Construction Fence Modifications, Micropile Installation, Grouting, and Load Testing
Reach 6 (Rector St)	Utility Investigations, Utility Investigations and Test Pits, Stormwater Pipe Investigation, Electrical and Telecommunications Utility Work, Water Main Investigation and Testing, Clearing and Drilling for Pile Installation
Reach 7 Stage 7ABC	Micropile Installation and Grouting, Water Main Relocation, Tie-In, and Backfill, Hydrant Removal, Sheet Pile Installation, Existing Wall Repair and Remediation, Heating, Ventilation, and Air Conditioning Modification Activities, Construction Fence Modifications, Electrical and Security Camera Work
Notes / Comments	Site activities conducted from 0700 hours (hrs) to 1600 hrs Monday through Friday, weather permitting. Night work was conducted between the hours of 2100 hrs and 0500 hrs.

3.0 BEST MANAGEMENT PRACTICES IN USE DURING CONSTRUCTION

BMPs being utilized on-site for dust mitigation include water spraying, sprinkler system, tarp covered/secured truck loads and stockpiles, truck wheel wash and gravel at egress points, turning off idling trucks or equipment, such as generators. BMPs for mitigation of noise related to construction activities to include use of sound blankets on the interior of fencing and/or work area barriers, switching the use of tools or techniques in response to elevated noise generation, reducing the duration of noise generating construction activities, and other measures, as appropriate.

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4.0 OVERVIEW OF ENOVATE AEROQUAL SYSTEM 15-MIN TIME WEIGHTED AVERAGE (TWA) ENVIRONMENTAL MONITORING DATA (EXCEEDANCES ONLY)
(See attached Figures 2 - 19 for Enovate Design AM-Unit Locations)
(See attached Table 2 for CAMP and Noise Alert Levels and Criterion)

Reach 1	**AM-32 and AM-33**					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM2.5	25.0 µg/m³	8/18/2026	0806 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	25.0 µg/m³	8/18/2026	0915 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/18/2026	1415 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to stop work and re-evaluate BMPs; restart work after dust below Action Levels**
PM10	100.0 µg/m³	8/18/2026	1423 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/19/2026	1307 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	100.0 µg/m³	8/26/2026	1022 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/26/2026	1349 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/28/2026	0820 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
Reach 2 Stage 2A	**AM-30A and AM-31A**					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM10	100.0 µg/m³	8/7/2026	1808 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust.	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and cover any soil piles at end of work day; provide overnight sprinklers, if necessary**
PM2.5	25.0 µg/m³	8/7/2026	1858 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and cover any soil piles at end of work day; provide overnight sprinklers, if necessary**
PM10	150.0 µg/m³	8/18/2026	1355 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	25.0 µg/m³	8/18/2026	1355 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	150.0 µg/m³	8/19/2026	1325 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**

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Reach 2 Stage 2A	AM-30A and AM-31A					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM2.5	35.0 µg/m³	8/19/2026	1327 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	100.0 µg/m³	8/20/2026	1038 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	150.0 µg/m³	8/20/2026	1104 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/20/2026	1106 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/20/2026	1441 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	150.0 µg/m³	8/20/2026	1443 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	25.0 µg/m³	8/20/2026	1507 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/20/2026	1508 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
Reach 3	**AM-30 and AM-31**					
No exceedances of PM2.5, PM10, or VOCs during the Reporting Period.						**No comment**
Reach 4	**AM-22 and AM-23**					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM2.5	25.0 µg/m³	8/6/2026	1940 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM2.5	35.0 µg/m³	8/31/2026	1951 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**

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Reach 5 Stage 5CD	AM-16, AM-17, AM-18, AM-19, and AM-20					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM10	100.0 µg/m³	8/4/2026	0843 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	25.0 µg/m³	8/5/2026	0836 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/5/2026	0838 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/11/2026	1335 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	150.0 µg/m³	8/11/2026	1337 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/11/2026	1454 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	150.0 µg/m³	8/11/2026	1454 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/12/2026	0806 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	150.0 µg/m³	8/12/2026	0808 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/12/2026	0837 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	25.0 µg/m³	8/12/2026	0856 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/12/2026	0856 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/12/2026	1455 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	25.0 µg/m³	8/12/2026	1455 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/13/2026	1131 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**

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Reach 5 Stage 5CD	AM-16, AM-17, AM-18, AM-19, and AM-20					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM10	150.0 µg/m³	8/13/2026	1419 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	100.0 µg/m³	8/14/2026	1016 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/16/2026	1819 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM2.5	25.0 µg/m³	8/20/2026	1424 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/27/2026	1220 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
Reach 5 Stage 5E	**AM-14 and AM-15**					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM10	100.0 µg/m³	8/14/2026	1333 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/14/2026	1403 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/16/2026	1031 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM10	150.0 µg/m³	8/16/2026	1607 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM10	100.0 µg/m³	8/16/2026	1731 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM10	150.0 µg/m³	8/16/2026	1813 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM2.5	35.0 µg/m³	8/16/2026	1815 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**
PM10	150.0 µg/m³	8/16/2026	1846 hrs	No active construction activities were occurring at the time of the exceedance. Elevated readings were likely attributable to wind-blown dust	No mitigation implemented. TSPC confirmed that there was no off hour work and will review mitigation methods for when work is not taking place.	**Ground surface to be kept wet and any soil piles covered at end of work day; provide overnight sprinklers, if necessary**

EXCEL Environmental Resources, Inc.

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT: Battery Park City Authority (BPCA) | **PERIOD COVERED:** August 1 through August 31, 2026
CONTRACTOR: Turner-SPC JV (Turner) | **REPORT DATE:** 11/2/2026
CAMP OPERATOR: Enovate Engineering, PLLC (Enovate) | **EXCEL COMMUNITY MONITORS:** Brian Nale, Hazel Griffee, John Masculin, Molly McCracken

Reach 6 (Rector St)	**AM-09 and AM-10**					
No exceedances of PM2.5, PM10, or VOCs during the Reporting Period.						**No comment**
Reach 7 Stage 7ABC	**AM-01, AM-02, AM-03, AM-04, AM-05, and AM-06**					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM2.5	35.0 µg/m³	8/6/2026	1105 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	25.0 µg/m³	8/6/2026	1155 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	25.0 µg/m³	8/7/2026	1136 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/11/2026	0802 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	150.0 µg/m³	8/11/2026	0808 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	25.0 µg/m³	8/12/2026	0833 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/12/2026	0835 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/12/2026	0838 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/12/2026	1238 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/12/2026	1309 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/13/2026	1300 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/18/2026	1040 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM10	150.0 µg/m³	8/18/2026	1049 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**
PM2.5	35.0 µg/m³	8/19/2026	1120 hrs	Elevated readings were likely attributable to construction activities.	The contractor stopped work and wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to re-evaluate BMPs in an effort to proactively prevent fugitive dust generation**

EXCEL Environmental Resources, Inc.

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT: Battery Park City Authority (BPCA) **PERIOD COVERED:** August 1 through August 31, 2026
CONTRACTOR: Turner-SPC JV (Turner) **REPORT DATE:** 11/2/2026
CAMP OPERATOR: Enovate Engineering, PLLC (Enovate) **EXCEL COMMUNITY MONITORS:** Brian Nale, Hazel Griffee, John Masculin, Molly McCracken

Reach 7 Stage 7ABC	AM-01, AM-02, AM-03, AM-04, AM-05, and AM-06					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM2.5	25.0 µg/m³	8/21/2026	1247 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	35.0 µg/m³	8/24/2026	1254 hrs	Elevated readings were likely attributable to construction activities.	The wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to stop work and re-evaluate BMPs; restart work after dust below Action Levels**
PM10	100.0 µg/m³	8/24/2026	1301 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM2.5	25.0 µg/m³	8/24/2026	1339 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	100.0 µg/m³	8/24/2026	1342 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	150.0 µg/m³	8/24/2026	1432 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to stop work and re-evaluate BMPs; restart work after dust below Action Levels**
PM2.5	25.0 µg/m³	8/24/2026	1433 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**
PM10	150.0 µg/m³	8/25/2026	0802 hrs	Elevated readings were attributable to pipe cutting activities occurring near the air monitor.	Work was stopped and the pipe cutting activity was relocated away from the monitor as a corrective measure.	**Mitigation should still be used, not just moving the activity away from the AM unit**
PM2.5	35.0 µg/m³	8/25/2026	0803 hrs	Elevated readings were attributable to pipe cutting activities occurring near the air monitor.	Work was stopped and the pipe cutting activity was relocated away from the monitor as a corrective measure.	**Mitigation should still be used, not just moving the activity away from the AM unit**
PM10	100.0 µg/m³	8/27/2026	0545 hrs	Elevated readings were attributable to smoke generated by an overheated generator operating near the monitoring location.	Work was stopped and the generator was shut down in response to the elevated readings.	**Acknowledged**
PM2.5	35.0 µg/m³	8/27/2026	0535 hrs	Elevated readings were attributable to smoke generated by an overheated generator operating near the monitoring location.	Work was stopped and the generator was shut down in response to the elevated readings.	**Acknowledged**
PM10	150.0 µg/m³	8/27/2026	0635 hrs	Elevated readings were attributable to smoke generated by an overheated generator operating near the monitoring location.	Work was stopped and the generator was shut down in response to the elevated readings.	**Acknowledged**
PM2.5	35.0 µg/m³	8/27/2026	0635 hrs	Elevated readings were attributable to smoke generated by an overheated generator operating near the monitoring location.	Work was stopped and the generator was shut down in response to the elevated readings.	**Acknowledged**
PM2.5	25.0 µg/m³	8/28/2026	0819 hrs	Elevated readings were likely attributable to construction activities.	The contractor wetted the work area to mitigate dust levels and fugitive dust.	**Contractor to use and/or enhance BMPs proactively in an effort to prevent fugitive dust**

EXCEL Environmental Resources, Inc.

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT: Battery Park City Authority (BPCA) | **PERIOD COVERED:** August 1 through August 31, 2026
CONTRACTOR: Turner-SPC JV (Turner) | **REPORT DATE:** 11/2/2026
CAMP OPERATOR: Enovate Engineering, PLLC (Enovate) | **EXCEL COMMUNITY MONITORS:** Brian Nale, Hazel Griffee, John Masculin, Molly McCracken

Reach 7 Stage 7ABC	AM-01, AM-02, AM-03, AM-04, AM-05, and AM-06					
Parameter	**Action Level**	**Date/Time Triggered**		**Cause**	**Mitigation**	**ICM Comments**
PM2.5	35.0 µg/m³	8/28/2026	1213 hrs	Elevated readings were attributable to welding activities occurring near the air monitor.	Work was stopped and the welding activity was relocated away from the monitor as a corrective measure.	**Mitigation should still be used, not just moving the activity away from the AM unit**
PM2.5	35.0 µg/m³	8/28/2026	1344 hrs	Elevated readings were attributable to welding activities occurring near the air monitor.	Work was stopped and the welding activity was relocated away from the monitor as a corrective measure.	**Mitigation should still be used, not just moving the activity away from the AM unit**
PM10	100.0 µg/m³	8/28/2026	1351 hrs	Elevated readings were attributable to welding activities occurring near the air monitor.	Work was stopped and the welding activity was relocated away from the monitor as a corrective measure.	**Mitigation should still be used, not just moving the activity away from the AM unit**
PM2.5	35.0 µg/m³	8/31/2026	1004 hrs	Elevated readings were attributable to welding activities occurring near the air monitor.	Work was stopped and the welding activity was relocated away from the monitor as a corrective measure.	**Mitigation should still be used, not just moving the activity away from the AM unit**

5.0 OVERVIEW OF ENOVATE NOISE MONITORING REPORTS
(Exceedances only based on Enovate's review of the Construction Schedule and Audio Clip Recordings)
(See attached Figures 20 for Noise Monitoring Device Locations)
(See attached Table 2 for CAMP and Noise Alert Levels and Criterion)

Reach 1	NM-03				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	101	No exceedances of the Lmax limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**

Reach 2	NM-04				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	91	8/3/2026 - 8/9/2026	0 of 5 exceedances related to construction	Not related to construction	**None**
Lmax	91	8/10/2026 - 8/16/2026	1 of 5 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	91	No exceedances of the Lmax limit from 8/17/2026 - 8/23/2026.			**None**
Lmax	91	8/24/2026 - 8/30/2026	1 of 2 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**

EXCEL Environmental Resources, Inc.

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT: Battery Park City Authority (BPCA) **PERIOD COVERED:** August 1 through August 31, 2026
CONTRACTOR: Turner-SPC JV (Turner) **REPORT DATE:** 11/2/2026
CAMP OPERATOR: Enovate Engineering, PLLC (Enovate) **EXCEL COMMUNITY MONITORS:** Brian Nale, Hazel Griffee, John Masculin, Molly McCracken

Reach 3	NM-05				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	97	No exceedances of the Lmax limit from 8/3/2026 - 8/23/2026.			**None**
Lmax	97	8/24/2026 - 8/30/2026	0 of 1 exceedances related to construction	Not related to construction	**None**
Reach 4	**NM-06B and NM-23**				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	102	8/3/2026 - 8/9/2026	0 of 4 exceedances related to construction	Not related to construction	**None**
Lmax	102	8/10/2026 - 8/16/2026	2 of 5 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	102	8/17/2026 - 8/23/2026	0 of 1 exceedances related to construction	Not related to construction	**None**
Lmax	102	8/24/2026 - 8/30/2026	0 of 1 exceedances related to construction	Not related to construction	**None**
Reach 5	**NM-01B, NM-02B, NM-03B, NM-04B, NM-05B, NM-09, NM-10, NM-11, and NM-12**				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit from 8/3/2026 - 8/16/2026 and 8/24/2026 - 8/30/2026.			**None**
Leq	85	8/17/2026 - 8/23/2026	1 exceedance	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	92	8/3/2026 - 8/9/2026	96 of 131 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	92	8/10/2026 - 8/16/2026	39 of 55 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	92	8/17/2026 - 8/23/2026	18 of 23 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	92	8/24/2026 - 8/30/2026	21 of 47 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**

EXCEL Environmental Resources, Inc.

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT: Battery Park City Authority (BPCA) **PERIOD COVERED:** August 1 through August 31, 2026
CONTRACTOR: Turner-SPC JV (Turner) **REPORT DATE:** 11/2/2026
CAMP OPERATOR: Enovate Engineering, PLLC (Enovate) **EXCEL COMMUNITY MONITORS:** Brian Nale, Hazel Griffee, John Masculin, Molly McCracken

Reach 5E	**NM-13 and NM-14**				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	92	8/3/2026 - 8/9/2026	1 of 5 exceedances related to construction	No information on action(s) taken was provided	**Per the approved Noise Monitoring/Control Plan, Turner to modify construction procedures and/or implement mitigation measures**
Lmax	92	8/10/2026 - 8/16/2026	0 of 3 exceedances related to construction	Not related to construction	**None**
Lmax	92	8/17/2026 - 8/23/2026	0 of 2 exceedances related to construction	Not related to construction	**None**
Lmax	92	8/24/2026 - 8/30/2026	0 of 5 exceedances related to construction	Not related to construction	**None**
Reach 6 (Rector St)	**NM-17A and NM-18A**				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	97	8/3/2026 - 8/9/2026	0 of 5 exceedances related to construction	Not related to construction	**None**
Lmax	97	8/10/2026 - 8/16/2026	0 of 4 exceedances related to construction	Not related to construction	**None**
Lmax	97	8/17/2026 - 8/23/2026	0 of 3 exceedances related to construction	Not related to construction	**None**
Lmax	97	8/24/2026 - 8/30/2026	0 of 4 exceedances related to construction	Not related to construction	**None**
Reach 7	**NM-18, NM-19, NM-20, and NM-21**				
Parameter	**Action Level**	**Date of Exceedance**	**Cause**	**Mitigation**	**ICM Comments**
Leq	85	No exceedances of the Leq limit during the Reporting Period 8/3/2026 - 8/30/2026.			**None**
Lmax	96	8/3/2026 - 8/9/2026	0 of 4 exceedances related to construction	Not related to construction	**None**
Lmax	96	8/10/2026 - 8/16/2026	0 of 3 exceedances related to construction	Not related to construction	**None**
Lmax	96	8/17/2026 - 8/23/2026	0 of 3 exceedances related to construction	Not related to construction	**None**
Lmax	96	8/24/2026 - 8/30/2026	0 of 3 exceedances related to construction	Not related to construction	**None**

6.0 CONCERNS, CHANGES, OR UNANTICIPATED CONDITIONS

1. Breaks in monitoring data on the air quality graphs generally indicate equipment recalibration, maintenance periods, or battery/power related outages.
2. Power loss resulted in extended AM-unit outages due to batteries losing charge and needing replacement, most frequently just prior to or during weekend periods and, in some instances, the battery was not replaced for between one and three days.
3. There were 17 exceedances of the PM2.5 Action Level 1 (25 ug/m^3), 28 exceedances of the PM2.5 Action Level 2 (35 ug/m^3), 22 exceedances of the PM10 Action Level 1 (100 ug/m^3), and 16 exceedances of the PM10 Action Level 2 (150 ug/m^3) during the reporting period of 8/1/26 through 8/31/26 as discussed in Section 4.0.

7.0 OVERVIEW OF EXCEL HAND-HELD AIR AND NOISE MONITORING

Site visits were conducted on August 14 and 28, 2026 (See Attachment A for On-Site Inspection Reports)

VOCs	0 ppm to 0.5 ppm on 8/14/26 and 0 ppm on 8/28/26
PM 10	0 ug/m^3 to 42.2 ug/m3 on 8/14/26 and 0 ug/m3 to 6 ug/m3 on 8/28/26
Notes / Comments	There were no exceedances of VOCs or PM 10 dust at a level of concern during either site inspection. Inspection Reports are provided in Attachment A.

EXCEL Environmental Resources, Inc.

NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT
INDEPENDENT ENVIRONMENTAL MONITORING MONTHLY REPORT NO. 5

CLIENT:	**Battery Park City Authority (BPCA)**	**PERIOD COVERED:**	**August 1 through August 31, 2026**
CONTRACTOR:	**Turner-SPC JV (Turner)**	**REPORT DATE:**	**11/2/2026**
CAMP OPERATOR:	**Enovate Engineering, PLLC (Enovate)**	**EXCEL COMMUNITY MONITORS:**	**Brian Nale, Hazel Griffee, John Masculin, Molly McCracken**

8.0 ENVIRONMENTAL COMPLIANCE ISSUES / CORRECTIVE ACTIONS

1. As stated in Section 1.0, during the 8/14/26 site inspection Excel observed that visible dust associated with an excavator moving soil was not being mitigated and an AM-unit was inadvertently covered by a noise blanket in Reach 1. Excel relayed these concerns to an on-site Turner representative and the AM unit issue was addressed, however, there was no immediate action taken to enhance dust mitigation.
2. As stated in Section 1.0 and summarized in Section 4.0, there were 17 exceedances of the PM2.5 Action Level 1 (25 ug/m^3), 28 exceedances of the PM2.5 Action Level 2 (35 ug/m^3), 22 exceedances of the PM10 Action Level 1 (100 ug/m^3), and 16 exceedances of the PM10 Action Level 2 (150 ug/m^3) during the reporting period that Enovate attributed to on-Site construction operations and, when no construction was in progress, to wind blown dust across the work area. The actions taken by Turner and Excel's comments are summarized in Sections 4.0 (Overview) and our recommendations are provided in Section 8.0 below.
3.As stated in Section 1.0 and summarized in Section 5.0, there were multiple occasions when the Lmax Noise Alert Level was exceeded and less frequent but still exceedances of the Leq 1 Hr. Noise Alert Level. No information is provided in the Weekly Noise Monitoring Reports as to what actions were taken. Excel's comments are summarized in Sections 5.0 and our recommendations are provided in Section 8.0 below.

9.0 RECOMMENDATIONS

1. Consistently adhere to the provisions of the CAMP, including consistent, pro-active use of BMPs to minimize generation of fugitive dust, re-evaluation of BMPs when Alert Level 1 for PM 2.5 or PM 10 is exceeded, and continuing to pause or stop work if Alert Level 2 is exceeded for PM 2.5 and/or PM 10. After work is stopped, BMP's for dust control must be re-evaluated and dust levels returned below Alert Levels before work is resumed.
2. Ensure that dust mitigation BMPs are in place at the end of every work day and before the start of the weekend to minimize generation of dust due to wind blowing across a work area with exposed soil.
3. Ensure all AM-unit intakes are not covered or in any way impeded from operating property and that batteries are replaced before losing charge as well as reducing the response time for replacement of a dead battery. An evaluation of alternatives for minimizing power outages for battery operated units should also be conducted in an effort to reduce battery outages and AM unit downtime.
4. The contractor should consistently adhere to the provisions of the Noise Monitoring & Control Plan which indicates that if a Noise Alert Level is exceeded that, based on the engineer or design builder's direction, construction procedures should be modified or mitigation measures implemented. We also recommend that the Weekly Noise Reports be expanded to include an explanation of the specific cause of any noise alert level exceedance and the actions taken to mitigate noise generation in response to the exceedance.

TABLES

TABLE 1
ROLE OF THE INDEPENDENT COMMUNITY AIR MONITOR
North/West Battery Park City Resiliency Project

Excel Environmental Resources, Inc. (Excel) has been contracted by the Battery Park City Authority (BPCA) to serve as the ICM for the North/West Battery Park City Resiliency (NWBPCR). As ICM, Excel's role is to provide independent oversight of air quality and noise monitoring required to be conducted by the BPCA's general contractor, the joint venture of Turner Construction and SPC Construction (Turner-SPC JV), given the proximity of adjacent sensitive receptors, including residents, commercial/retail businesses and institutions, marinas, and parks to the various work areas, or reaches, of which there are seven as further described below
In addition to reviewing the air and noise data generated 24 hours per day and seven days per week by the CAMP system and communicating with the BPCA and Turner-SPC JV team when there is an exceedance of an alert level or indication that one or more of the Community Air Monitoring Plan (CAMP) units is offline, Excel is also evaluating the contractor's use of best management practices to minimize the potential for generation of ambient dust, volatile organic compound (VOC) concentrations, and/or noise above the alert levels established by the CAMP during implementation of the work.
Follow up with the Turner-SPC JV and BPCA project representatives to discuss any exceedance of one or more action level, evaluate the findings of their investigation of the cause(s) and corrective action(s) taken to mitigate the situation and restore conditions to below action levels. Excel requests via email summaries for review to evaluate the cause of any dust action level exceedance and the corrective actions taken if related to onsite activities.
Conduct unscheduled Site inspections to include real-time verification of dust levels at and surrounding the Site and observe and photo-document the ongoing improvement of the coastal flood management systems activities for adherence to monitoring plans and BMPs.
Prepare and submit ICM reports summarizing the results of the dust monitoring noting any exceedance of the action levels, relaying the cause(s) of the exceedance as determined by the BPCA project team based on investigation of each alert, the corrective action(s) taken in response to the exceedance, Excel's findings and observations during our Site inspections, and outlining additional recommendations, if any.
Participation in the Working Group, or similar meetings, with the BPCA project team, representatives of the community, local elected officials, and other stakeholders to discuss Excel's findings and observations related to Site activities and dust monitoring data, relay any issue of concern and associated recommendation(s) to address or mitigate the concern, and answer questions from the participants at the meeting.
Respond to questions or concerns raised by the community and/or elected officials if not appropriately and timely addressed by the BPCA project team and provide Excel's observations and any recommendations via email or conference call as the improvement of the coastal flood management systems activities progress.

TABLE 2
COMMUNITY AIR MONITORING AND NOISE ACTION LEVELS AND CRITERION
North/West Battery Park City Resiliency Project

PARTICULATE ACTION LEVELS
PM10 Action Level 1: 100 micrograms per cubic meter (100 ug/m^3) for airborne particulate matter less than 10 micrometers in size (PM10) based on a 15-minute time weighted average (TWA). If exceeded, onsite activities are adjusted if necessary, and additional dust suppression measures must be used
PM10 Action Level 2: 150 ug/m^3 for PM10 based on a 15-minute TWA which is considered the Short-Term Exposure Limit (STEL). The Permissible Exposure Limit (PEL), the regulatory limit to protect public health and welfare with respect to PM10, is based on a 24-hour TWA. The 15-minute TWA, or STEL, is used to aid the NWBPCR Project Team to monitor the project's effect on PM10 air quality more closely. If the 15-minute TWA for PM10 is exceeded, work is stopped, the source(s) are evaluated, onsite activities are adjusted if/as necessary, additional best management practices (BMPs) implemented prior to resuming work, and dust levels confirmed to be below action levels.
PM2.5 Action Level 1: 25 ug/m3 for airborne PM2.5 based on a 15-minute TWA. If exceeded, onsite activities are adjusted if necessary, and additional dust suppression measures must be used
PM2.5 Action Level 2: 35 ug/m3 for PM2.5 based on a 15-minute TWA. If exceeded, work is stopped, the source(s) are evaluated, onsite activities are adjusted if/as necessary, additional BMPs implemented prior to resuming work, and dust levels confirmed to be below action levels
VOLATILE ORGANIC COMPOUND CRITERION
VOC Criterion 1: 5 parts per million (ppm) for volatile organic compounds (VOCs) based on a 15-minute TWA. If exceeded, onsite activities are adjusted if necessary and monitoring continued.
VOC Criterion 2: >5 and <25 ppm for VOCs based on a 15-minute TWA. If exceedances persist, work is stopped, the source(s) are evaluated, onsite activities are adjusted if/as necessary, additional BMPs implemented prior to resuming work, and monitoring continued.
VOC Criterion 3: >25 ppm for VOCs based on a 15-minute TWA. If exceeded, work is shut down.
NOISE LIMITING VALUES
Leq 1-hour: 85 dBA. If a Limiting Value is reached, Turner-SPV to immediately notify and meet with the Engineer and Design Builder to discuss response action(s). Per the Noise Monitoring and Control Plan, Turner-SPV to submit an up-to-date report within 24 hours for all instruments for which the limiting value was reached, as well as on any other instruments requested by the Engineer. If directed by the Engineer and Design Builder, increase instrument monitoring frequencies, install, and monitor additional instruments, modify construction procedures, and implement mitigation measures.
Lmax: Background noise plus 15 dBA. Based on the background studies, the following are the Reach specific Lmax Noise Action Levels: **Reach 1:** 101 dBA **Reach 4:** 102 dBA **Reach 6 (Rector St.):** 97 dBA **Reach 2:** 91 dBA **Reach 5:** 92 dBA **Reach 7:** 96 dBA **Reach 3:** 97 dBA **Reach 6 (Albany St.):** 93 dBA If a Limiting Value is reached, Turner-SPV to immediately notify and meet with the Engineer and Design Builder to discuss response action(s). Per the Noise Monitoring and Control Plan, Turner-SPV to submit an up-to-date report within 24 hours for all instruments for which the limiting value was reached, as well as on any other instruments requested by the Engineer. If directed by the Engineer and Design Builder, increase instrument monitoring frequencies, install, and monitor additional instruments, modify construction procedures, and implement mitigation measures.

FIGURES

Reach Location Map

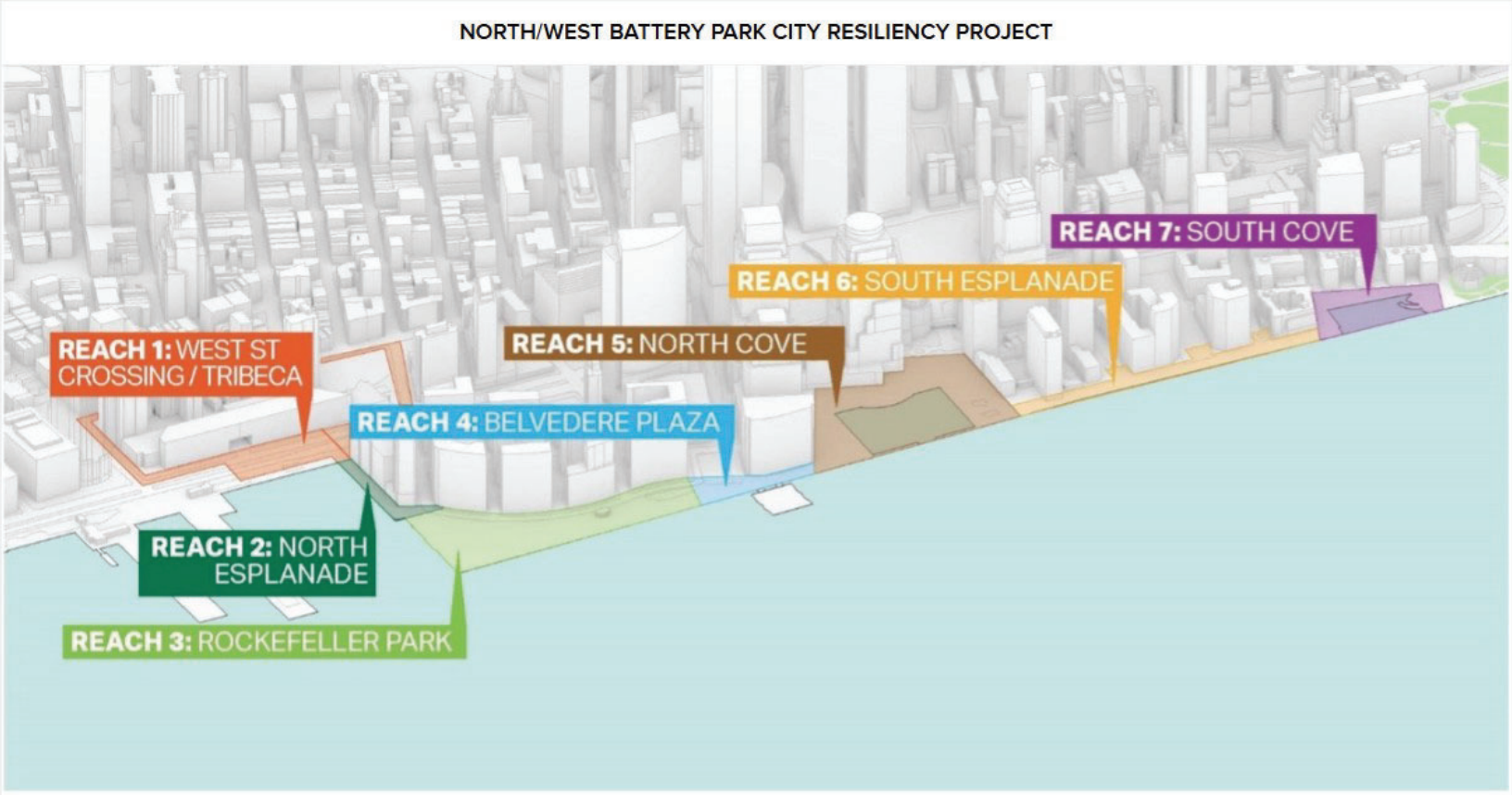
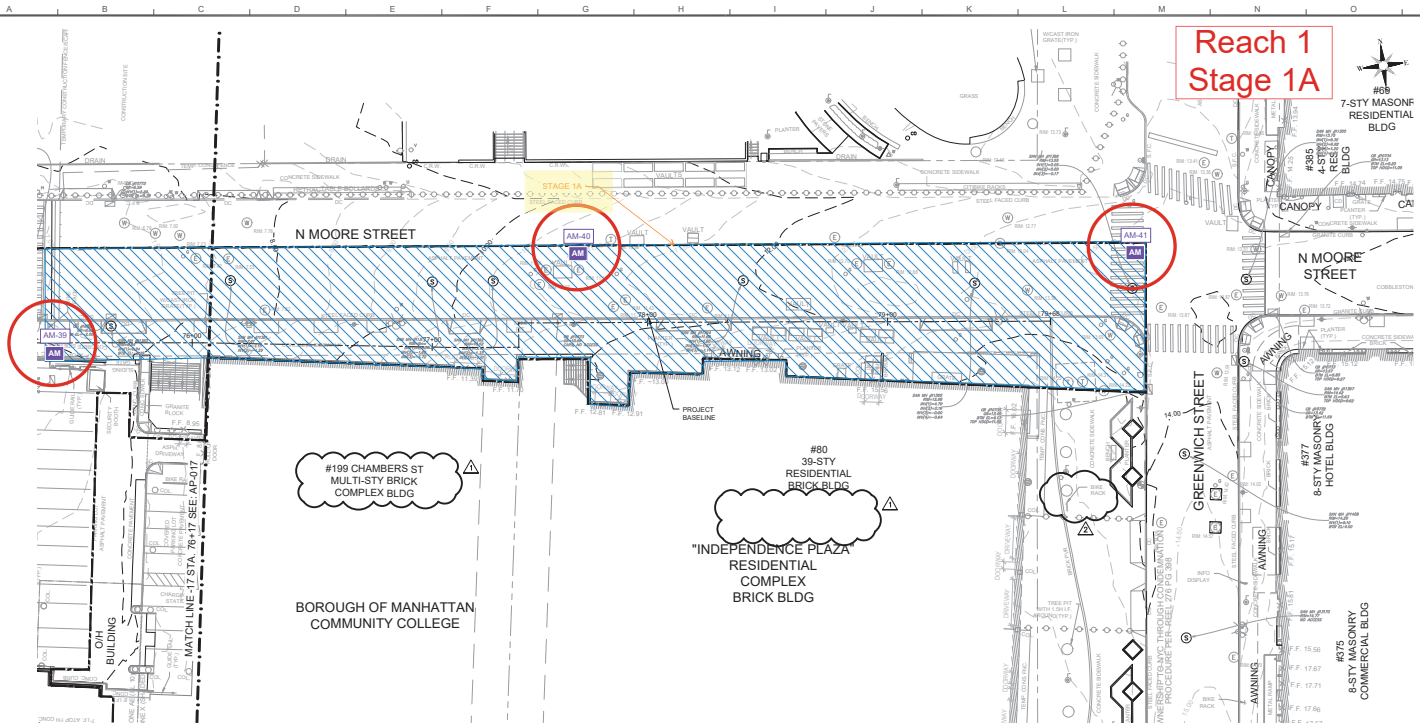


Photo From https://bpca.ny.gov/nwbpcr/

Figure 1



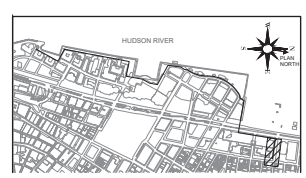


FIGURE 2

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	

ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 5200
BERKELEY HEIGHTS, NJ 07922
908-360-5200

TURNER SPC
JOINT VENTURE
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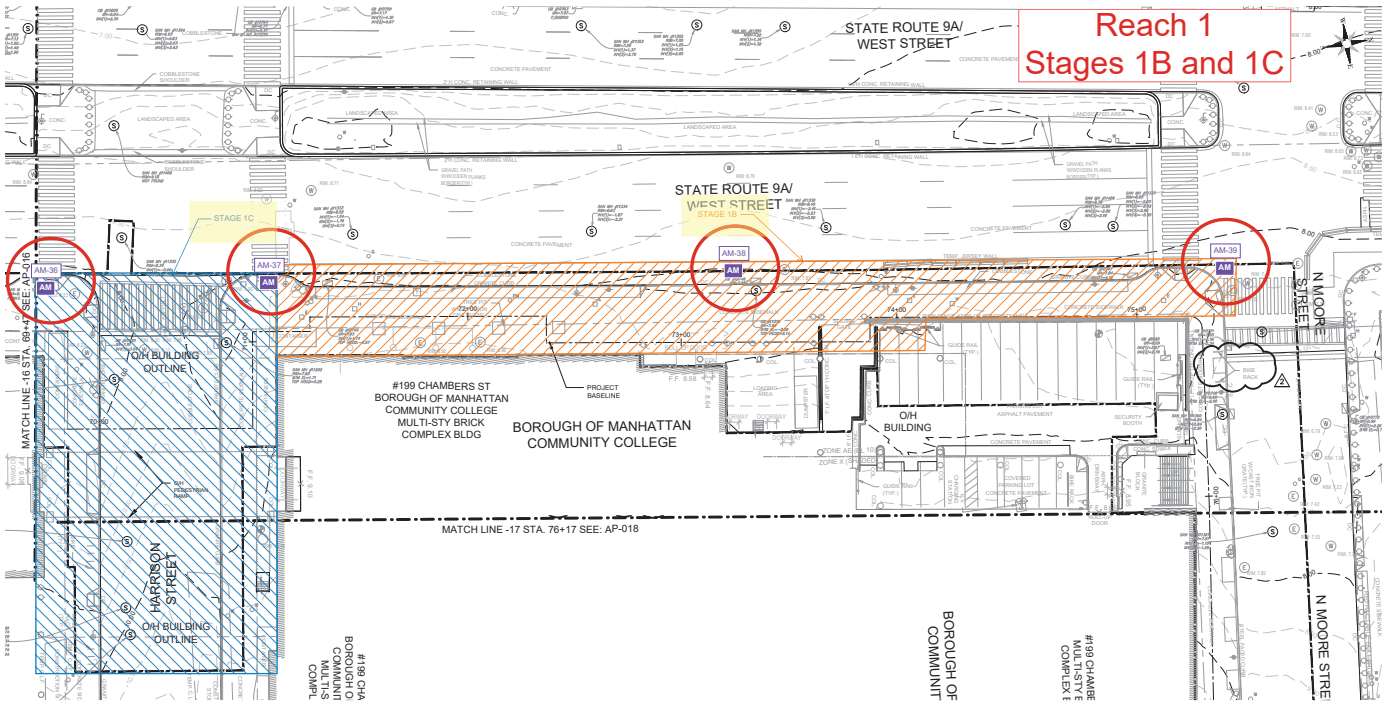
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 1 STAGE 1A

DWG NO.	SHEET NO.
AP-018	
Enovate Project	DATE
TCJ-01	09/18/25



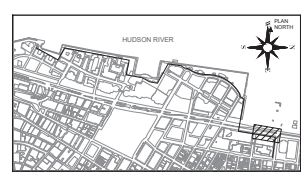


FIGURE 3

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:	
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:	
ALTERED BY:			

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	

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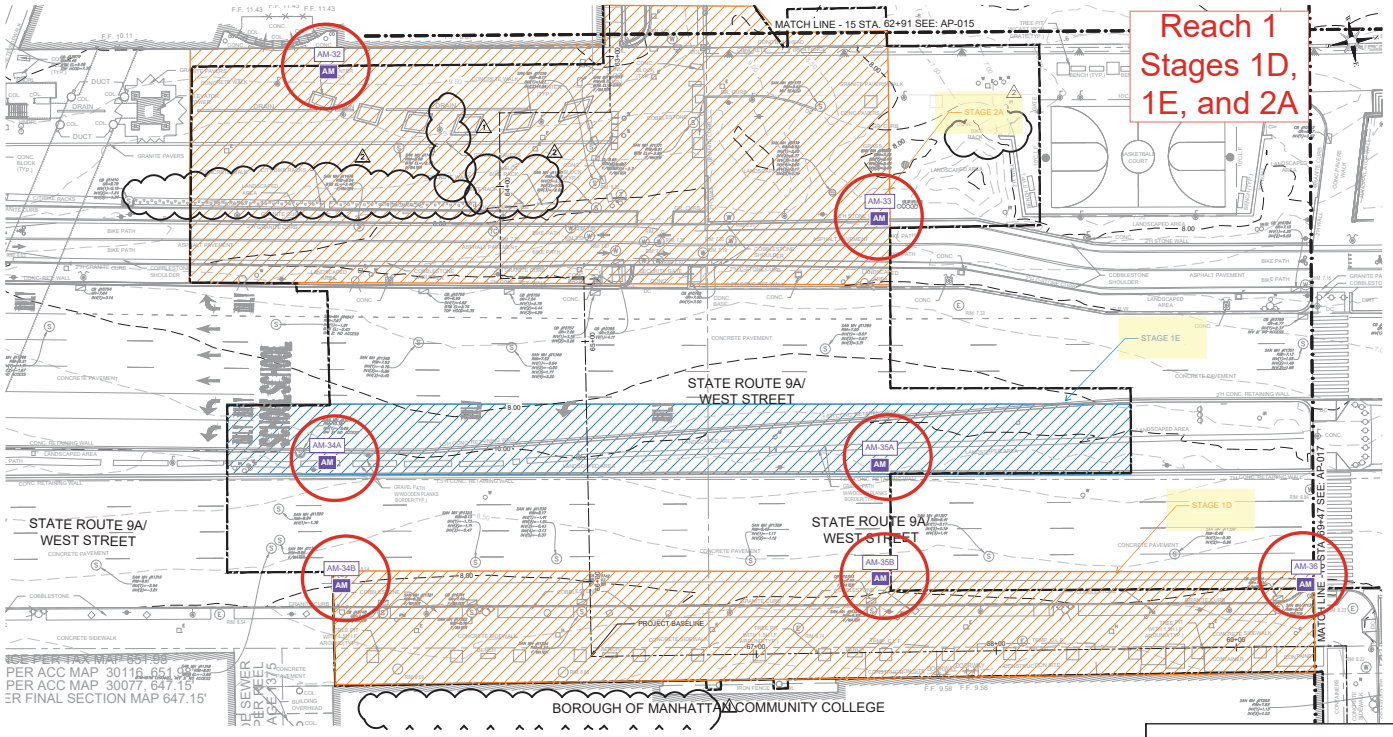
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 1 STAGE 1B/C

DWG NO.	SHEET NO.
AP-017	
Enovate Project	DATE
TCJ-01	09/18/25



NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.
2. AIR MONITORS LABELED A/B INDICATE ALTERNATIVE LOCATIONS DEPENDING ON STAGING BETWEEN STAGES 2A, 1E AND 1D.

INSTRUMENTATION SYMBOLS:

AM — AIR MONITORS

FIGURE 4

SCALE: 1" = 20'

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ALTERED BY:			

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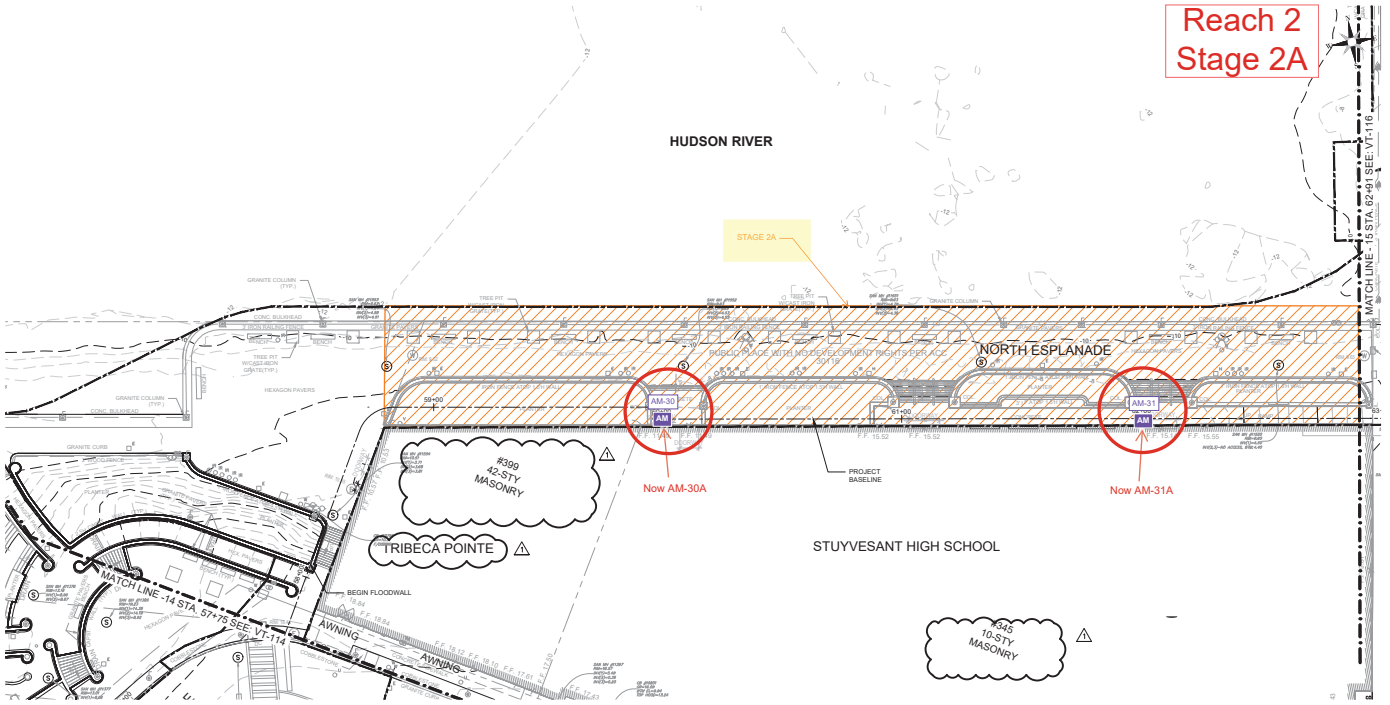
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 1/2 STAGE 2A/1E/1D

DWG NO.	SHEET NO.
AP-016	
Enovate Project	DATE
TCJ-01	09/18/25



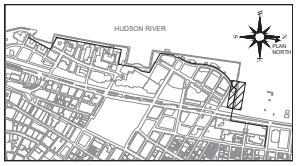


FIGURE 5

NOTES

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INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
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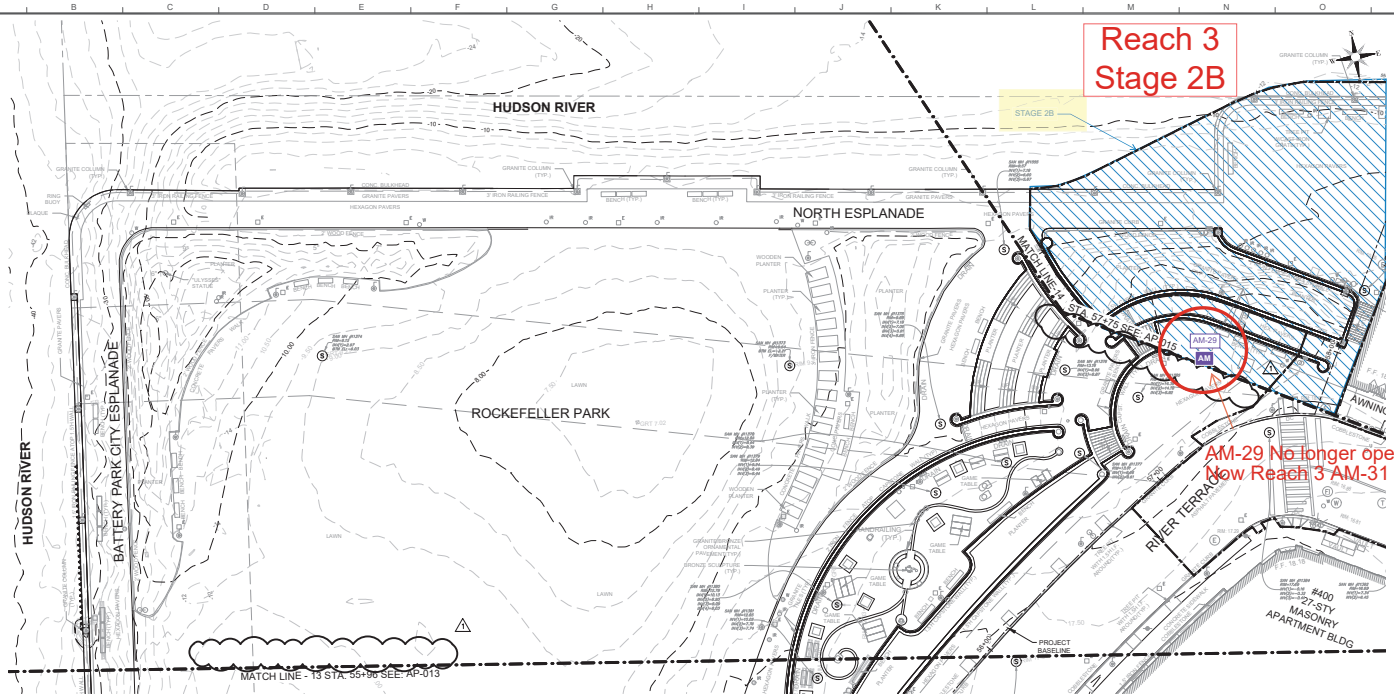
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 2 STAGE 2A

DWG NO.	SHEET NO.
AP-015	
Enovate Project	DATE
TCJ-01	09/18/25



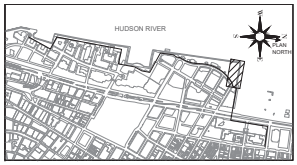


FIGURE 6

NOTES

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INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:	
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:	
ALTERED BY:			

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
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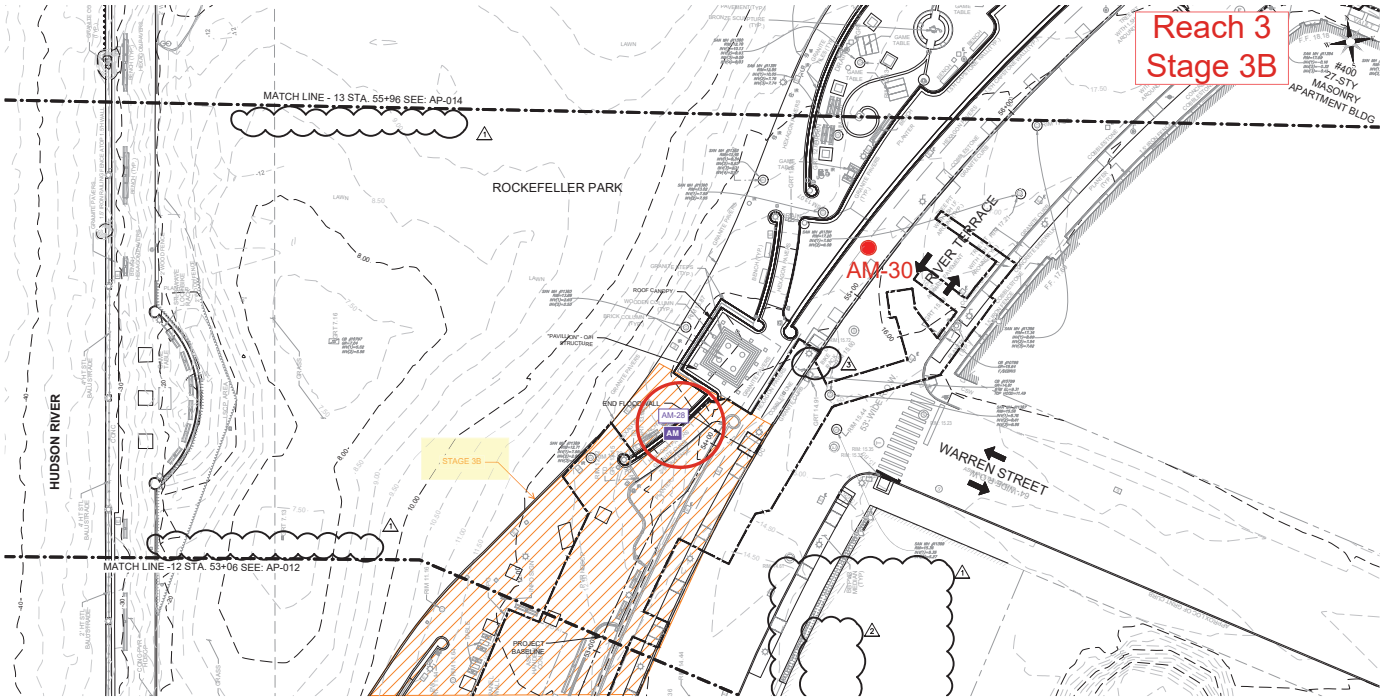
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 2 STAGE 2B

DWG NO.	SHEET NO.
AP-014	
Enovate Project	DATE
TCJ-01	09/18/25



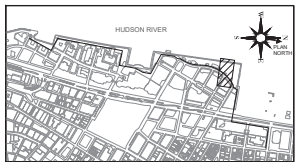


FIGURE 7

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
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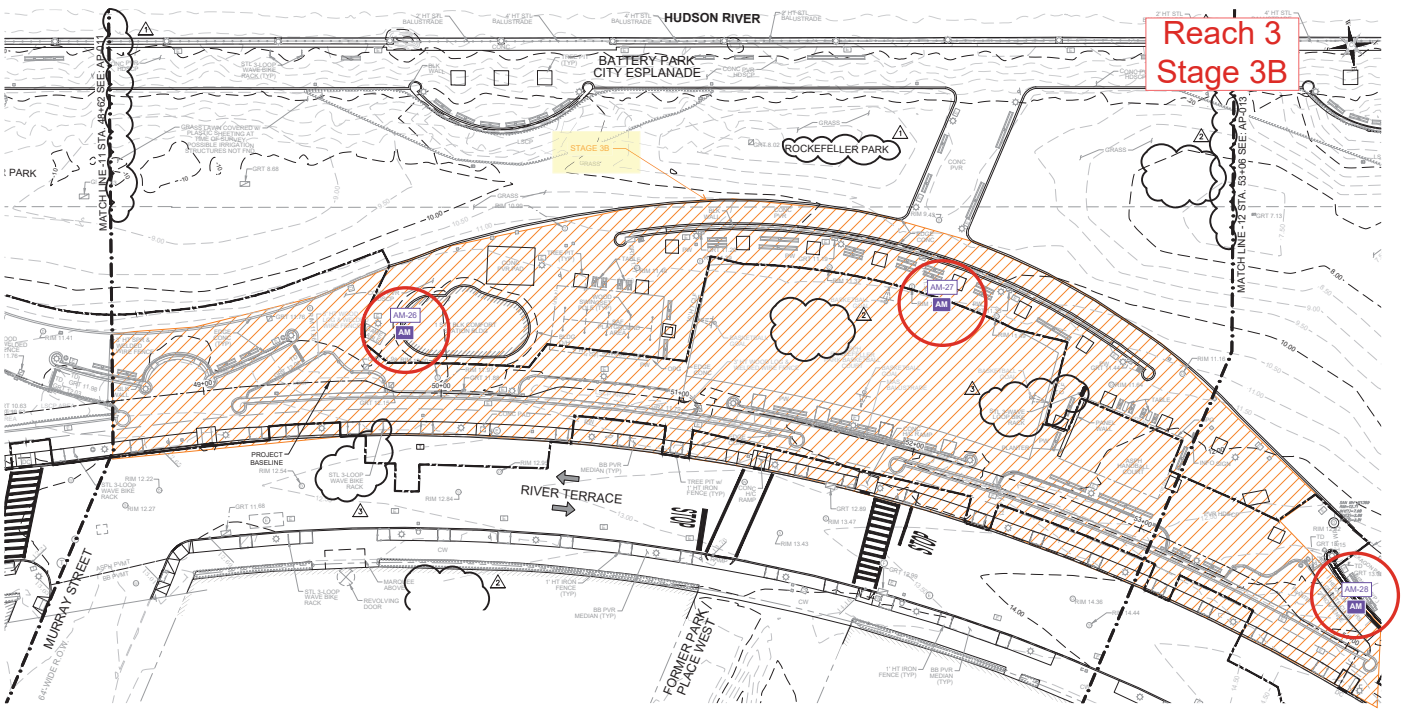
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 3 STAGE 3B

DWG NO.	SHEET NO.
AP-013	
Enovate Project	DATE
TCJ-01	09/18/25



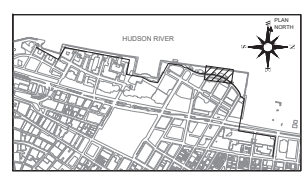


FIGURE 8

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: H. RUGGIERO	DRAWN BY: H. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

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NEW YORK, NY 10021

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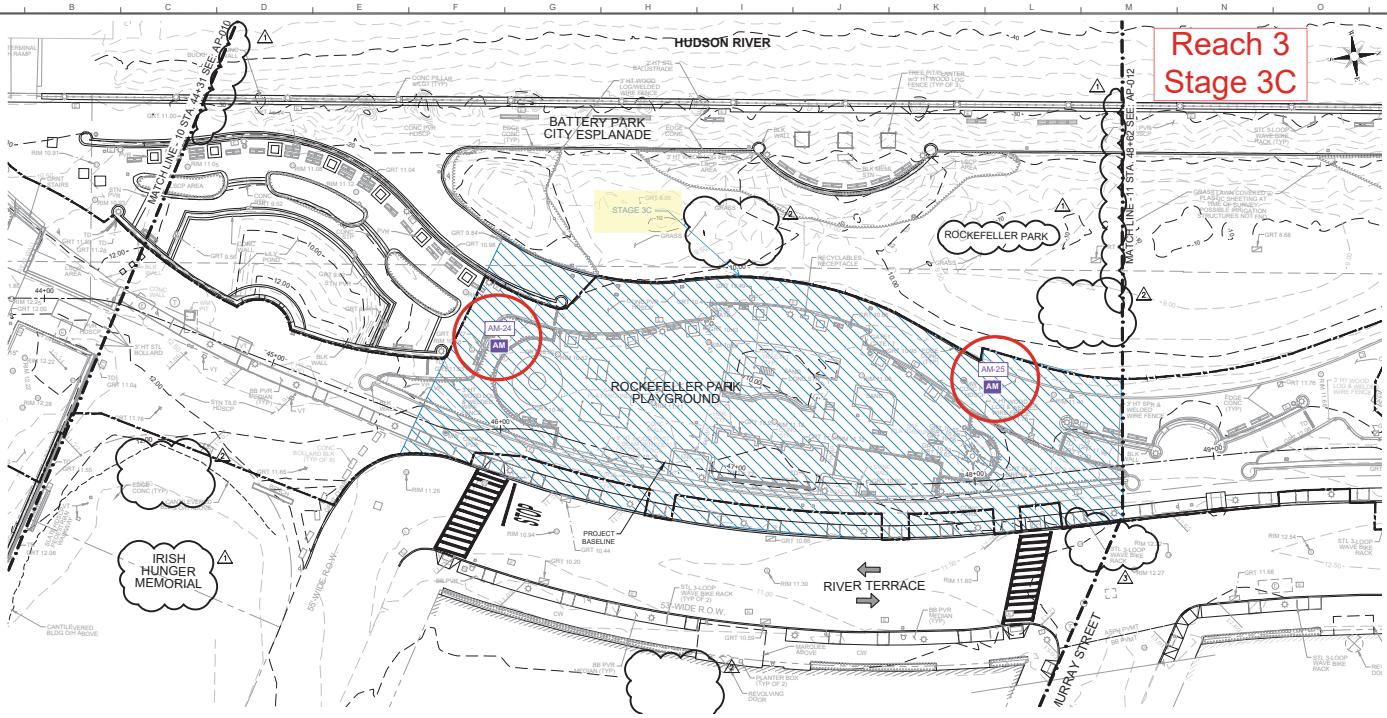
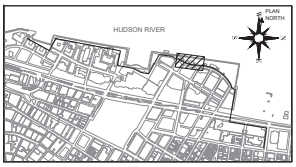
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 3 STAGE 3B

DWG NO.	SHEET NO.
AP-012	
Enovate Project	DATE
TCJ-01	09/18/25





NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM — AIR MONITORS

FIGURE 9

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	

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908-368-0200

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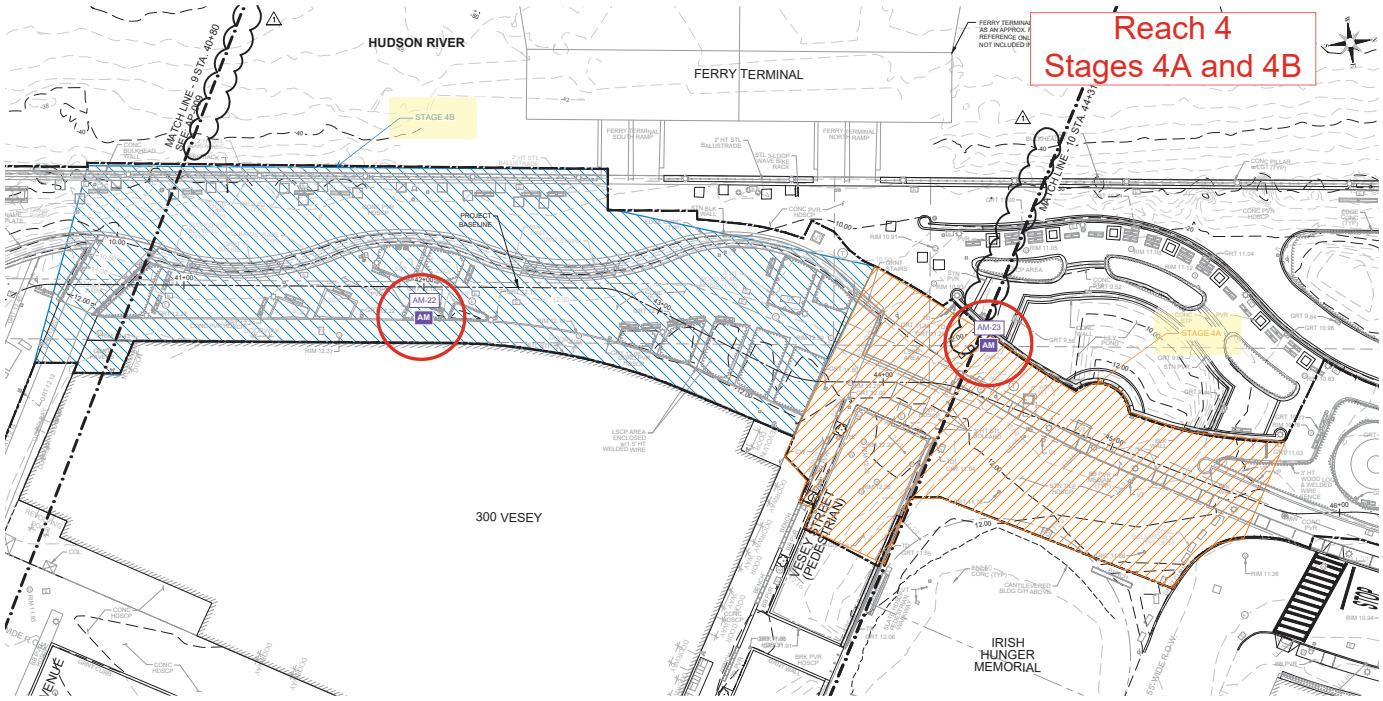
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 3 STAGE 3C

DWG NO.	SHEET NO.
AP-011	
Enovate Project	DATE
TCJ-01	09/18/25



NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM — AIR MONITORS

FIGURE 10

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
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JOINT VENTURE
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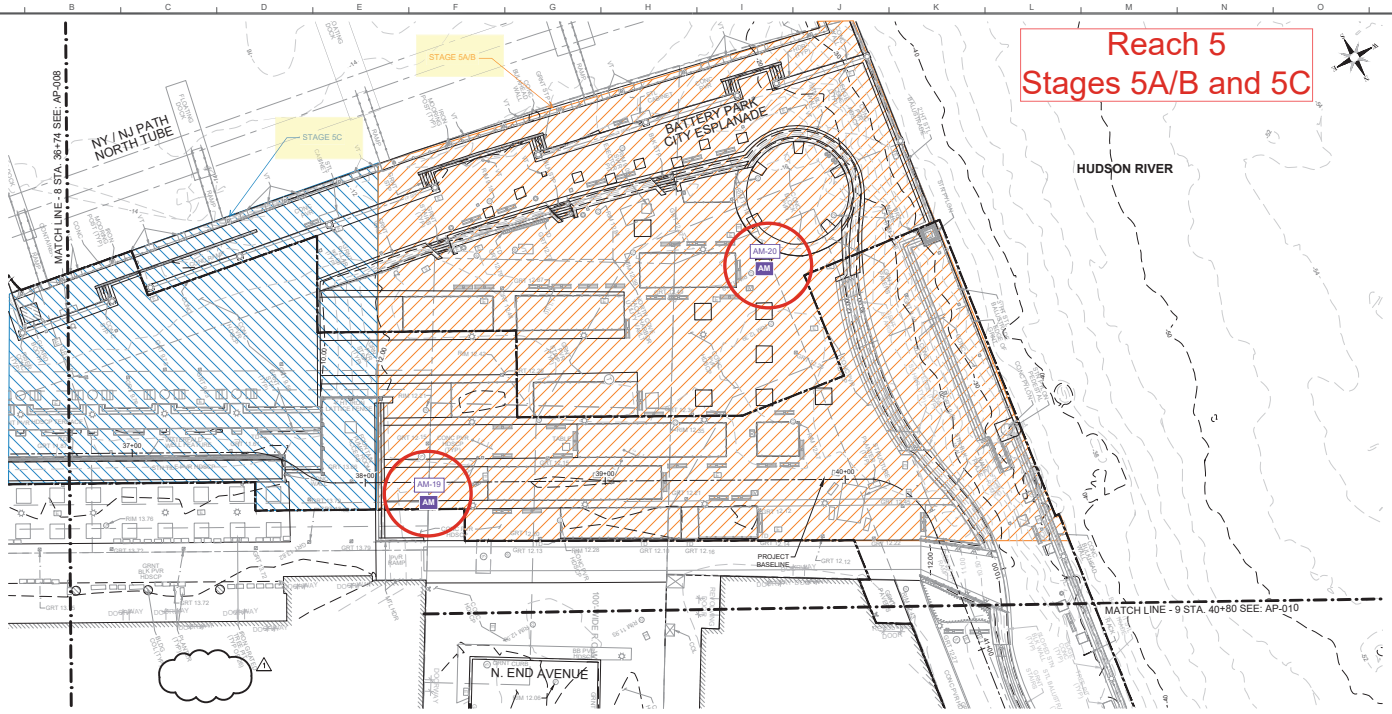
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 4 STAGE 4A/B

DWG NO.	SHEET NO.
AP-010	
Enovate Project	DATE
TCJ-01	09/18/25


Reach 5
Stages 5A/B and 5C

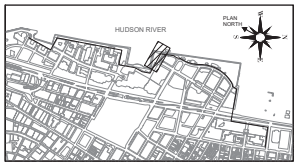


FIGURE 11

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/16/25	INITIAL SUBMISSION	

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908-360-5200

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JOINT VENTURE
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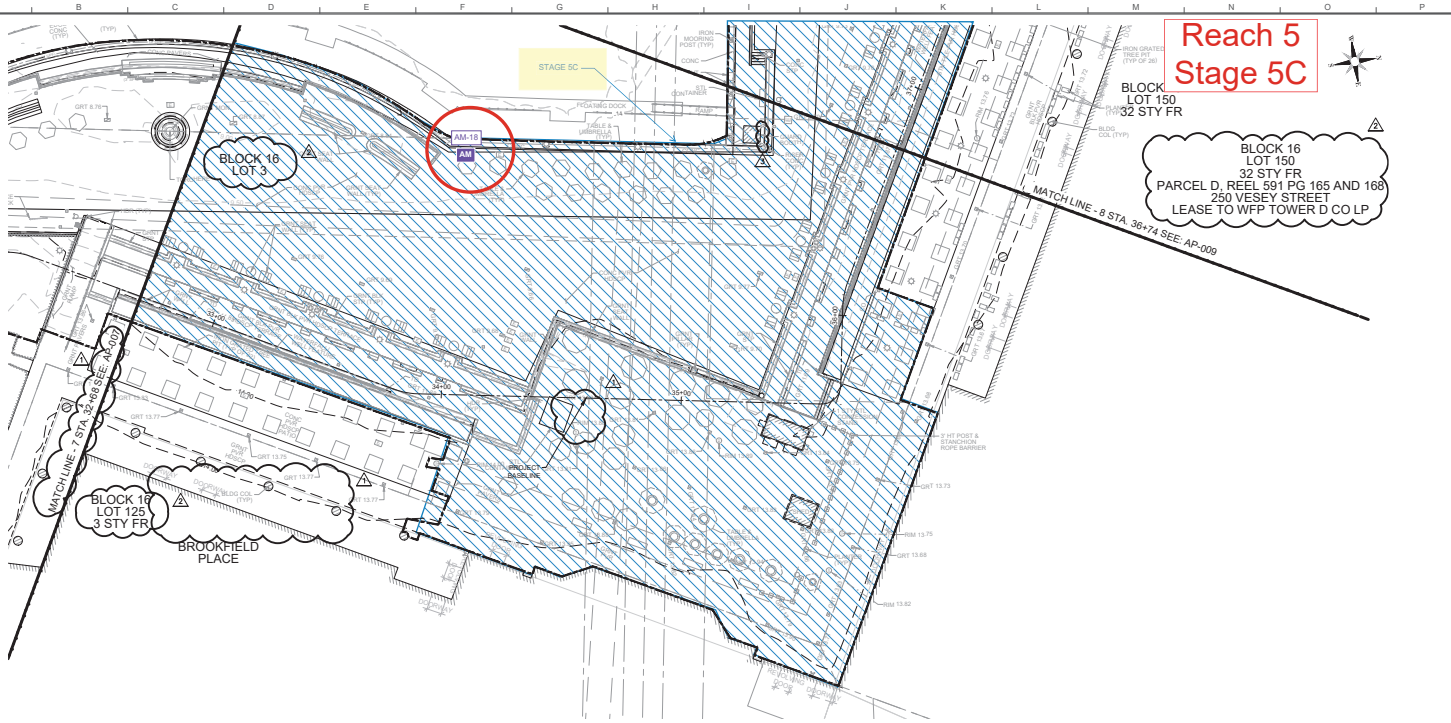
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2
AS-BUILT

AIR MONITORING PLAN
REACH 5 STAGE 5A/B/C

DWG NO.	SHEET NO.
AP-009A	
Enovate Project	DATE
TCJ-01	07/17/26



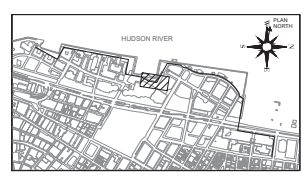


FIGURE 12

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/16/25	INITIAL SUBMISSION	

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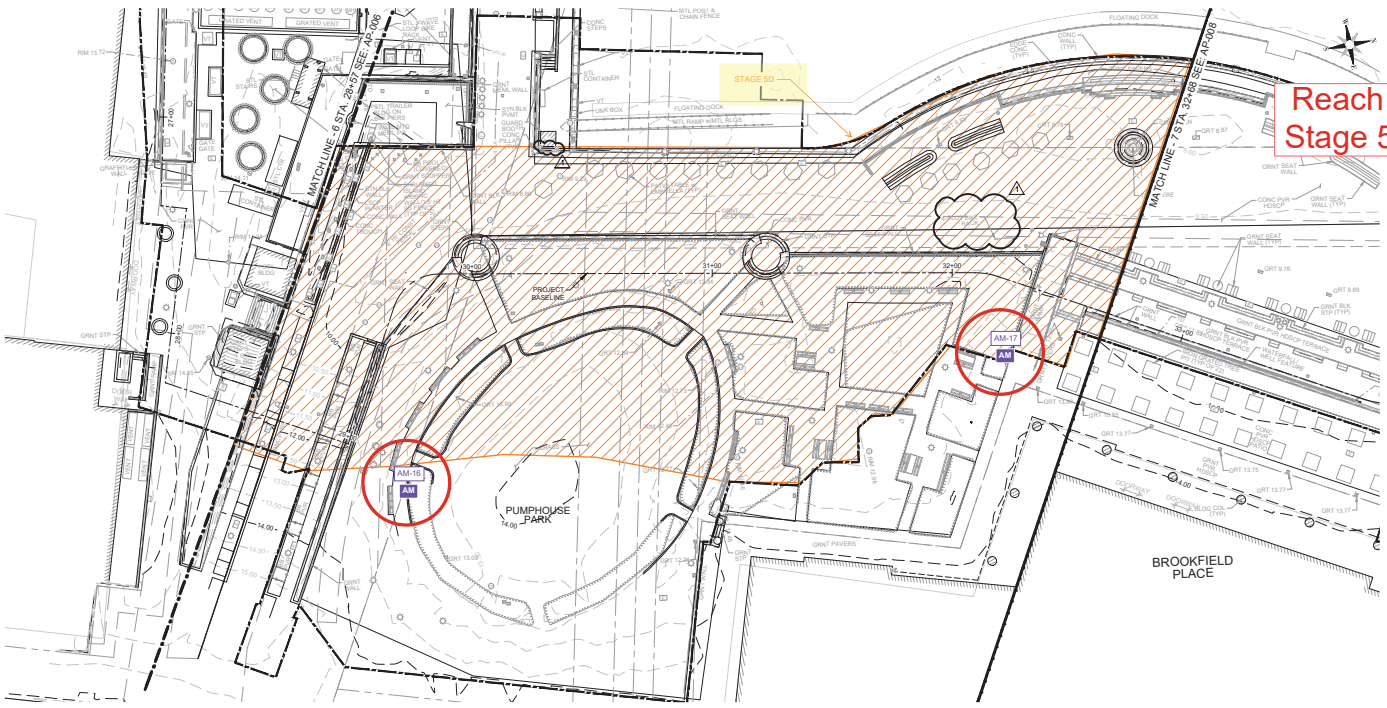
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2
AS-BUILT
AIR MONITORING PLAN
REACH 5 STAGE 5C

DWG NO.	SHEET NO.
AP-008A	
Enovate Project	DATE
TCJ-01	07/17/26



NOTES

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INSTRUMENTATION SYMBOLS:

AM — AIR MONITORS

SCALE: 1" = 20'

FIGURE 13

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:	
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:	
ALTERED BY:			

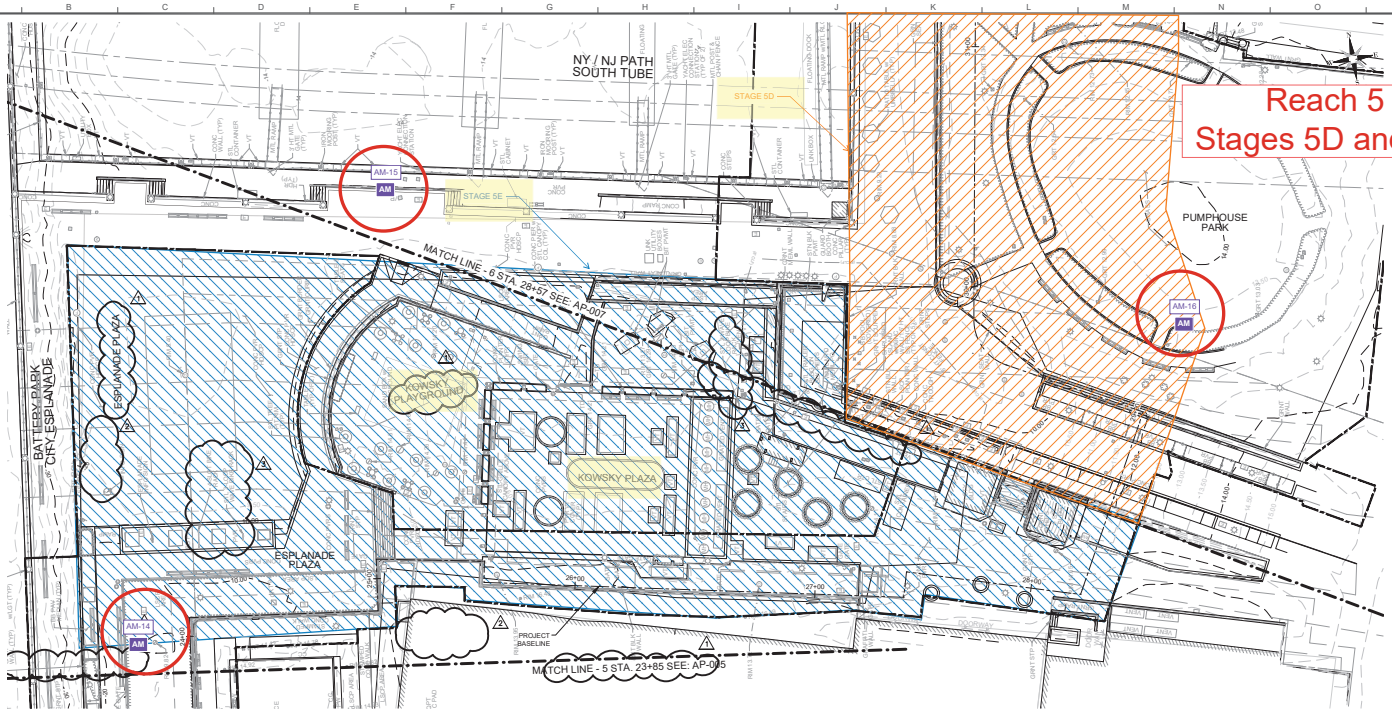
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/16/25	INITIAL SUBMISSION	

ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 6300
BERKELEY HEIGHTS, NJ 07922
908-368-0200

TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY RESILIENCY DESIGN - PHASE 2
AS-BUILT
AIR MONITORING PLAN
REACH 5 STAGE 5D

DWG NO.	SHEET NO.
AP-007A	
Enovate Project	DATE
TCJ-01	07/17/26



Reach 5
Stages 5D and 5E

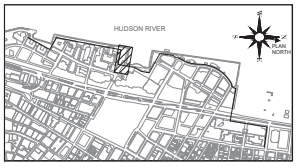


FIGURE 14

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

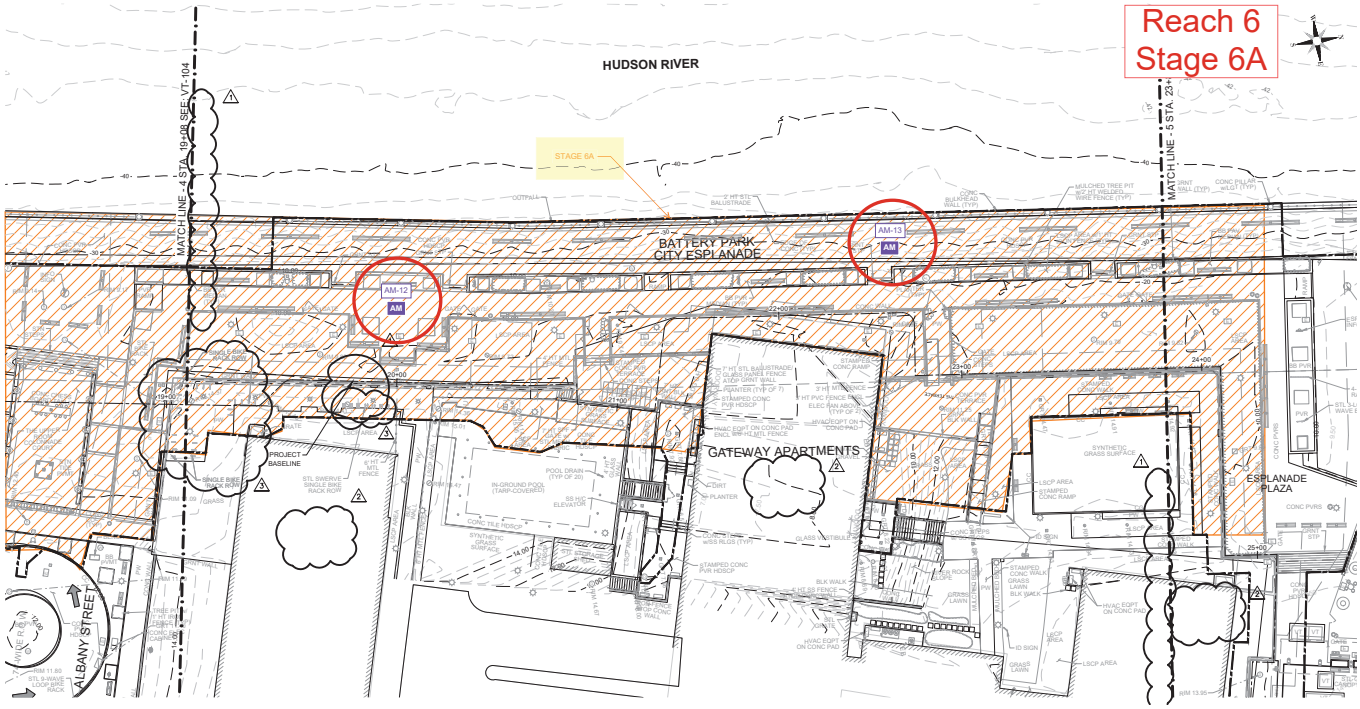
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/16/25	INITIAL SUBMISSION	

ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 5200
BERKELEY HEIGHTS, NJ 07922
908-363-5200

TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2
AS-BUILT
AIR MONITORING PLAN
REACH 5 STAGE 5E/D

DWG NO.	SHEET NO.
AP-006A	
Enovate Project	DATE
TCJ-01	07/17/26



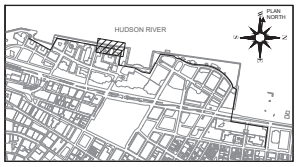


FIGURE 15

NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	

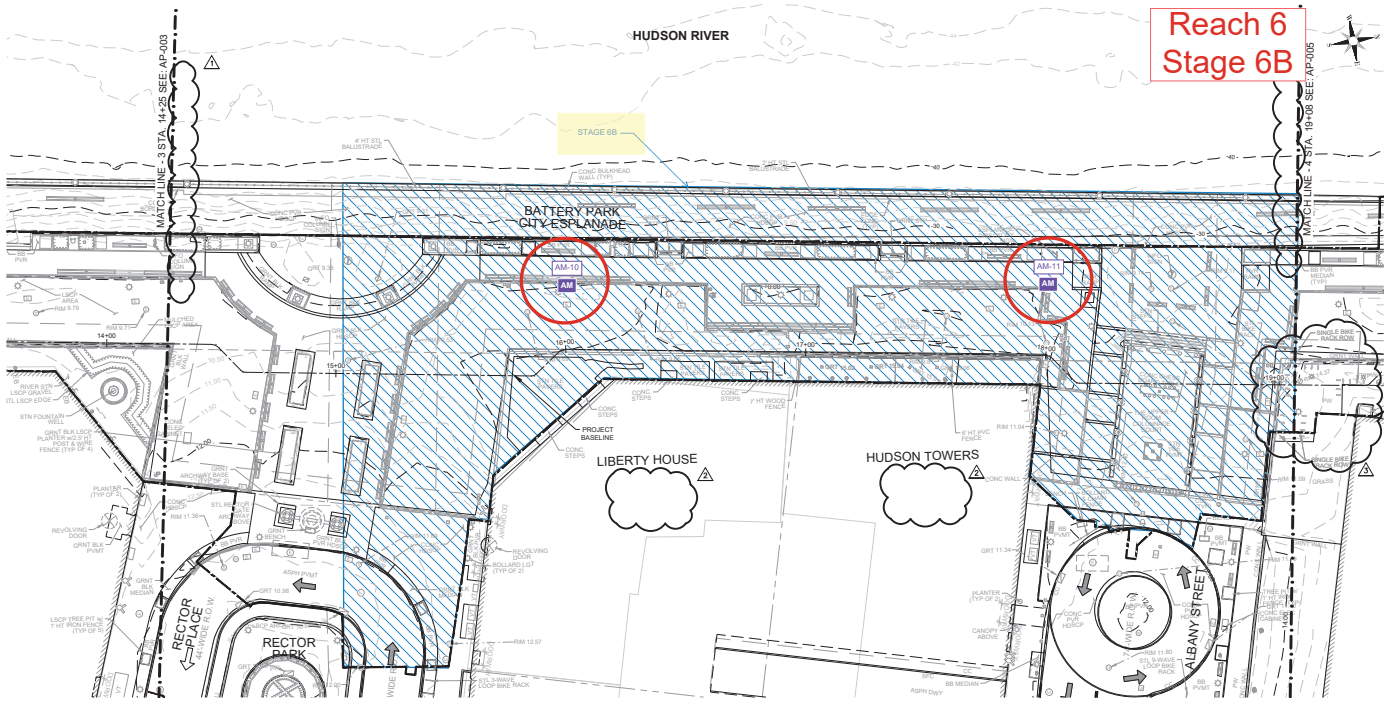
ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 5200
BERKELEY HEIGHTS, NJ 07922
908-363-5200

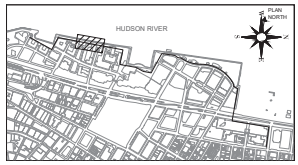
TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 6 STAGE 6A

DWG NO.	SHEET NO.
AP-005	
Enovate Project	DATE
TCJ-01	09/18/25





NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM — AIR MONITORS

FIGURE 16

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	

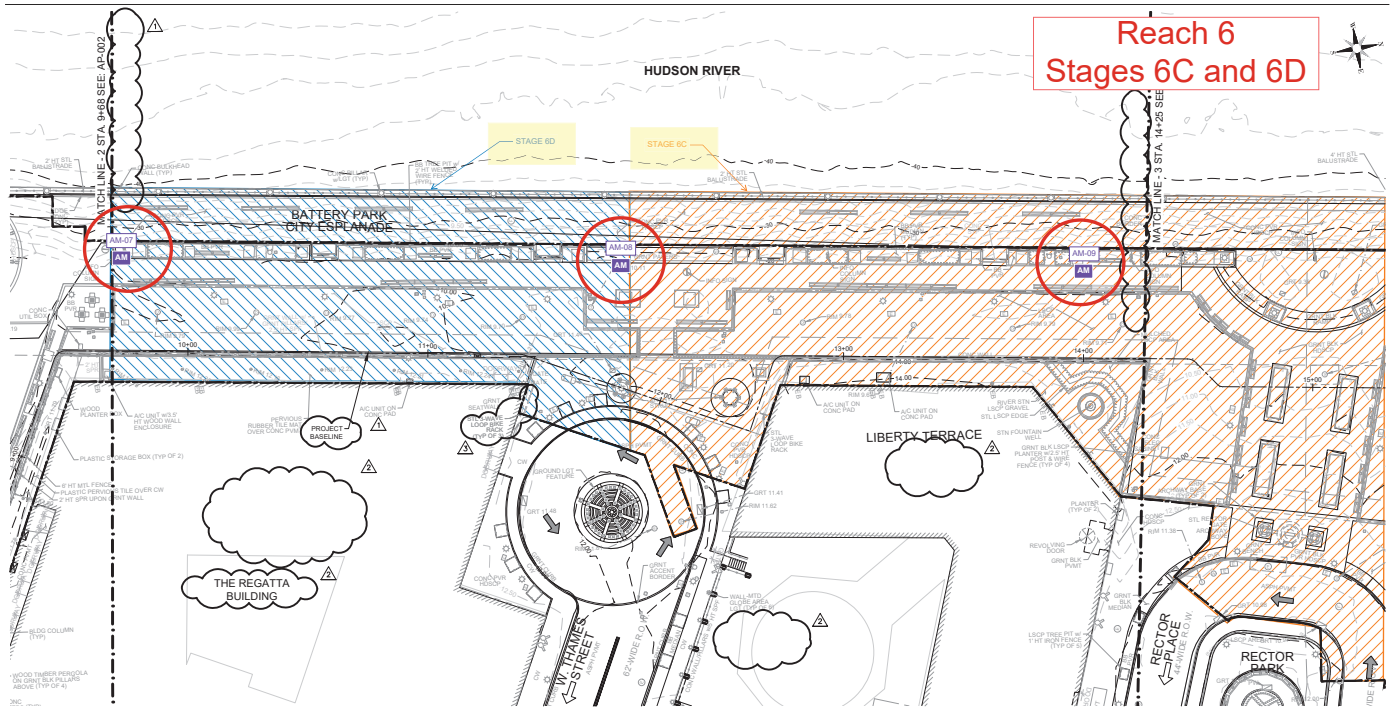
ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 6300
BERKELEY HEIGHTS, NJ 07922
908-968-8300

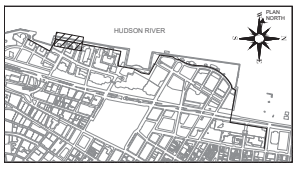
TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 6 STAGE 6B

DWG NO.	SHEET NO.
AP-004	
Enovate Project	DATE
TCJ-01	09/18/25





NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM — AIR MONITORS

FIGURE 17

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	MF

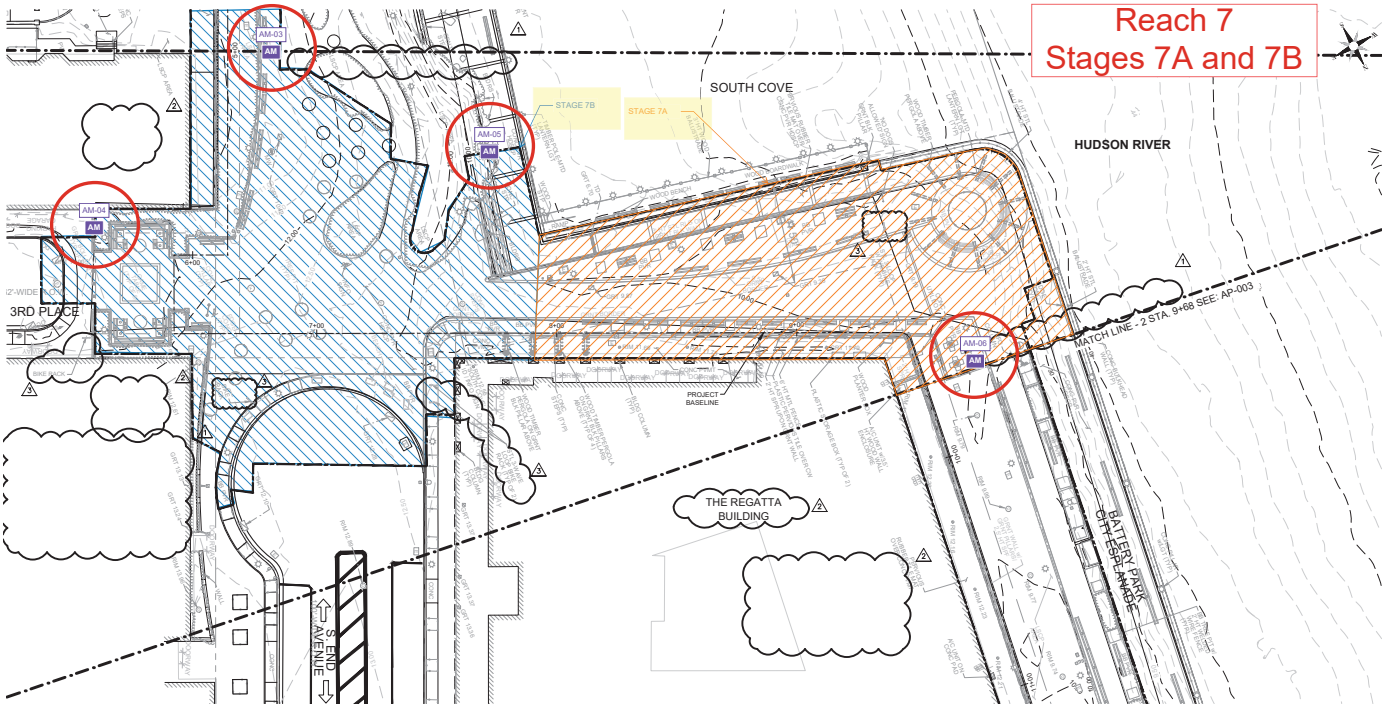
ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 6300
BERKELEY HEIGHTS, NJ 07922
908-368-8288

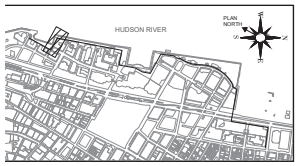
TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY RESILIENCY DESIGN - PHASE 2

AIR MONITORING PLAN
REACH 6 STAGE 6C/D

DWG NO.	SHEET NO.
AP-003	
Enovate Project	DATE
TCJ-01	09/18/25





NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

FIGURE 18

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	MF

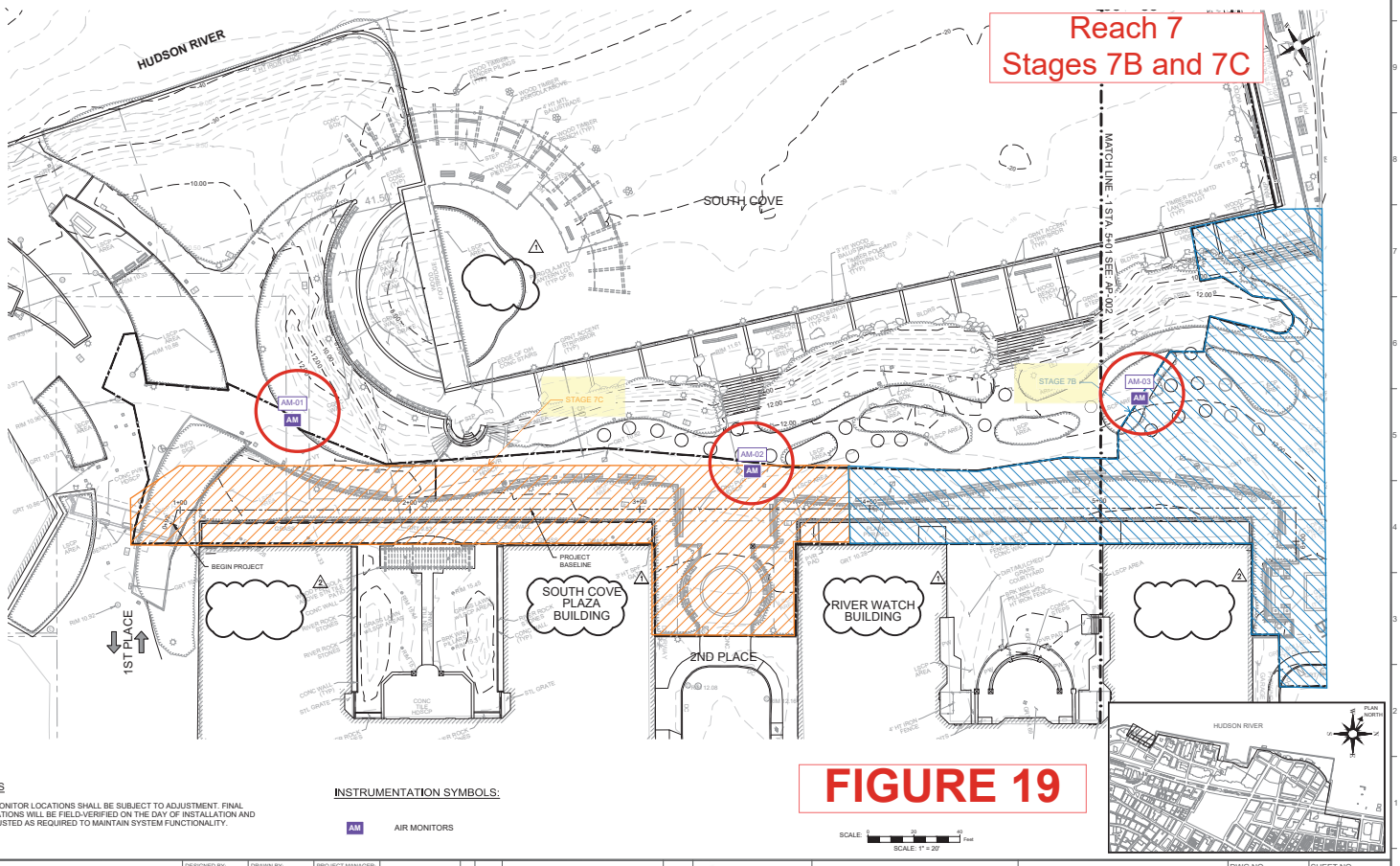
ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 6300
BERKELEY HEIGHTS, NJ 07922
908-368-8288

TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AS-BUILT AIR MONITORING PLAN FOR REACH 7

DWG NO.	SHEET NO.
AP-002A	
Enovate Project	DATE
TCJ-01	07/17/26



NOTES

1. AIR MONITOR LOCATIONS SHALL BE SUBJECT TO ADJUSTMENT. FINAL LOCATIONS WILL BE FIELD-VERIFIED ON THE DAY OF INSTALLATION AND ADJUSTED AS REQUIRED TO MAINTAIN SYSTEM FUNCTIONALITY.

INSTRUMENTATION SYMBOLS:

AM AIR MONITORS

FIGURE 19

SCALE: 0 20 40 Feet
SCALE: 1" = 20'

DESIGNED BY: M. RUGGIERO	DRAWN BY: M. RUGGIERO	PROJECT MANAGER:
CHECKED BY: D. ANDRECHICK	DESIGN LEAD:	DESIGN MANAGER:
ALTERED BY:		

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
0	09/18/25	INITIAL SUBMISSION	MF

ENOVATE
ENOVATE CONSULTING, LLC
400 CONNELL DRIVE SUITE 6300
BERKELEY HEIGHTS, NJ 07922
908-368-0200

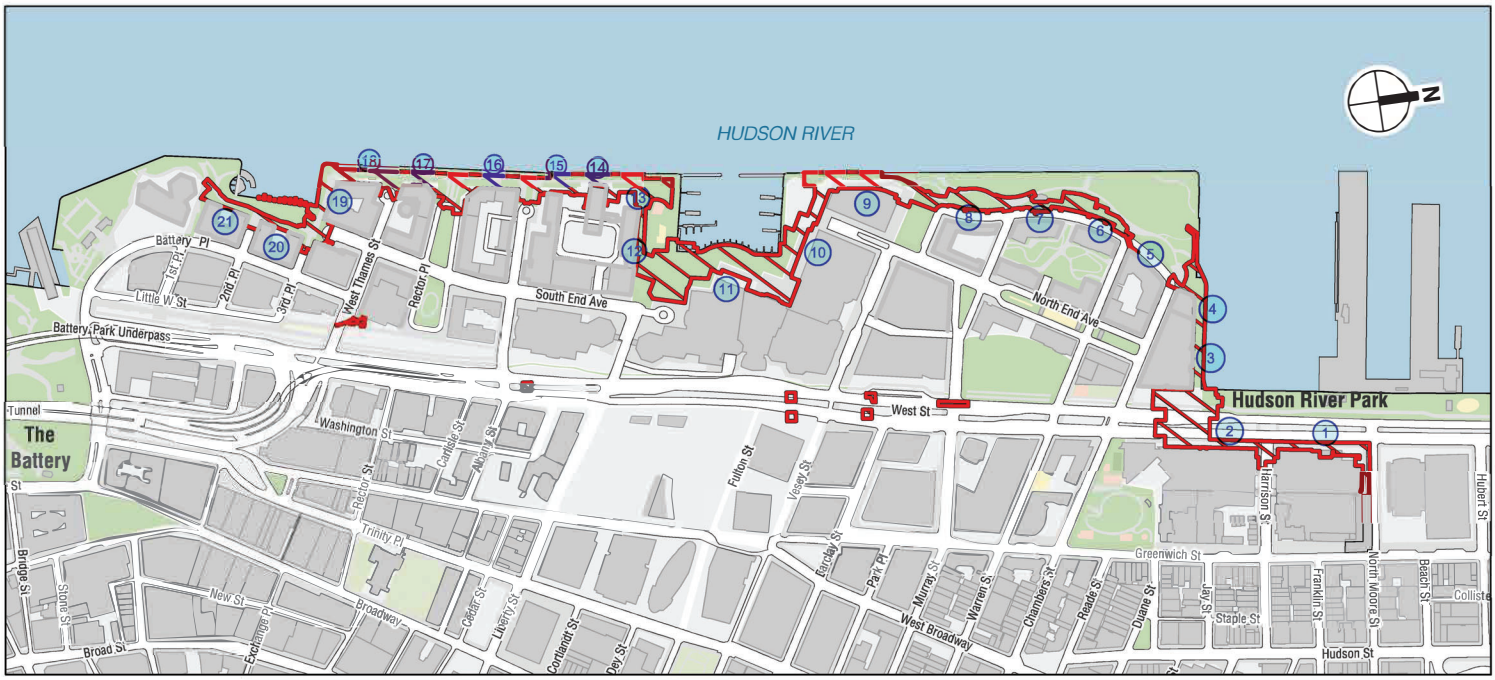
TURNER SPC
JOINT VENTURE
66 HUDSON BLVD E
NEW YORK, NY 10021

NORTHWEST BATTERY PARK CITY
RESILIENCY DESIGN - PHASE 2

AS-BUILT AIR MONITORING PLAN FOR REACH 7

DWG NO.	SHEET NO.
AP-001A	
Enovate Project	DATE
TCJ-01	04/17/26

NOISE MONITORING DEVICE LOCATIONS



Project Area

Noise Monitor Location

Figure 20

Turner ECRUZ a joint venture NORTH/WEST BATTERY PARK CITY RESILIENCY PROJECT	ENOVATE	Noise Monitoring Device Locations Date: 2/28/25 Scale: AS NOTED TSK-028.1

ATTACHMENT A

EXCEL ON-SITE INSPECTION REPORTS:

August 14, 2026
August 28, 2026

EXCEL Environmental Resources, Inc.

AUGUST 2026 - ON-SITE INSPECTION REPORT

TIME AT SITE: 0730 hrs to 1330 hrs
DATE: 8/14/2026
WEATHER: 72-78 Degrees F; Partly Sunny

EXCEL REPR.: John Masculin
PROJECT NO.: 25867
LOCATION: Manhattan, NYC

PERSONNEL ONSITE	
Excel Environmental Resources, Inc.	John Masculin

GENERAL SITE NOTES

0730 hrs: John Masculin (JM) arrived onsite at Reach 7 to initiate an on-site inspection of this Reach followed by all other Reach locations. Took background PM 10 dust and VOC readings. PID readings all zero parts per million (ppm) and the maximum PM 10 dust reading was 31.5 ug/m^3.

0801-0817 hrs: Reach 7- No work was in progress at the time of the inspection. There was no visible dust observed and a maximum PM 10 dust reading of 24 ug/m^3, which is below any level of concern and consistent with background. There were no VOCs detected with the hand-held PID readings all zero ppm.

0837-0842 hrs: Reach 6, Rector Street - No work was in progress at the time of the inspection. There was no visible dust observed and a maximum PM 10 dust reading of 23.5 ug/m^3, which is below any level of concern and likely reflective of background. There were no VOCs detected with the hand-held PID readings all zero ppm.

0850-0855 hrs: Reach 6, Albany Street- No work was in progress at the time of the inspection. There was no visible dust observed and a maximum PM 10 dust reading of 25 ug/m^3, which is below any level of concern and likely reflective of background. There were no VOCs detected with the hand-held PID readings all zero ppm.

0901-0923 hrs: Reach 5- Work in progress is an excavator and backhoe moving material into piles and/or a dump truck, see Photo No. 1. In the northern section of the Reach, concrete was being cut. There was no indication of active dust mitigation in use but no sign of visible dust and PM 10 dust levels using hand-held instruments were not elevated with a maximum reading of 24.1 ug/m3 recorded which is below any level of concern and consistent with background. There was a slight PID reading of 0.5 ppm which was consistent with background in this area at the time of the inspection. As shown in Photo No. 2, barricades were installed around the excavation but soil piles were not covered. Photos No. 3 and 4 show AM units installed at the perimeter of the work area. Reach 5 was re-inspected at 1208 hrs as noted below.

0954-1003 hrs: Reach 4- Work had not started in this Reach at the time of the inspection. See Photo No. 5 that shows the work area, noise blankets on fencing, and an AM unit already installed but no work started or in progress. There was no visible dust observed and a maximum PM 10 dust reading of 23.9 ug/m^3, which is below any level of concern and consistent with background. There were no VOCs detected with the hand-held PID readings all zero ppm.

1027-1031 hrs: Reach 3- No work was in progress at the time of the inspection. See Photo No. 6 that shows an AM unit installed at the perimeter of the work area. There was no visible dust observed and a maximum PM 10 dust reading of 25.1 ug/m^3, which is below any level of concern and consistent with background. There were no VOCs detected with the hand-held PID readings all zero ppm.

1041-1050 hrs: Reach 1- Work in progress at the time of the inspection included an excavator moving soil within the work area. There was visible dust and a maximum PM 10 dust reading using the hand held instrument of 42.2 ug/m3 but no active dust mitigation in use. The AM unit on the south side of the work area was covered by a portion of the noise blanket which was brought to Turner's attention and addressed. There were no VOCs detected with the hand-held PID readings all zero ppm. There were no VOCs detected with the hand-held PID readings all zero ppm.

1053-1057 hrs: Reach 2- Workers were preparing the work area ajdacent to the school building, see Photos No. 9 and 10. There was no visable dust and a maximum PM 10 dust reading of 23.5 ug/m^3 which is consistent with background.

1100-1130 hrs: JM completed administrative and reporting task, including making phone calls, entering community monitoring data, and completing other aspects of the On-Site Inspection Report.

1208-1218 hrs: Reach 5- Water truck was observed entering the work area and wetting exposed soil surfaces as a dust mitigation measure consistent with best management practices (BMPs) for dust control.

1240-1246 hrs: Reach 7- Water truck was observed entering the work area and wetting exposed soil surfaces as a dust mitigation measure. Representative from Turner Construction stated that sprinklers would remain in operation throughout the weekend as an additional dust mitigation measure consistent with recommended BMPs.

1305-1330 hrs: JM completed administrative and reporting task, including making phone calls, entering community monitoring data, and completing other aspects of the daily report.

CONCERNS, CHANGES, OR UNANTICIPATED CONDITIONS

At the time of the site inspection of Reach 1 there was no active dust mitigation despite soil being handled and visible dust being generated and an AM unit was covered with a piece of the noise blanket tarp. Relayed these concerns to the onsite Turner Construction representative who removed the noise blanket from the AM unit but no dust mitigation was conducted during the site inspection. PM 10 dust levels using hand held instruments were below levels of concern but above background readings.

EQUIPMENT CALIBRATION RECORD

Instrument	Purpose	Battery (%)	Test Gas	Initial Reading	Adjustments	Initials
MiniRAE 3000	Total VOCs	100	Span 100 ppm	100 ppm	None	JM
MIE pDR-1000 DataRAM	PM-10	100	Zero Filter	Pass	None	JM

VOCs - volatile organic compounds (10.6 eV lamp)

PPM - parts per million

PM - particulate matter in ug/m^3

EXCEL Environmental Resources, Inc.

DATE: 8/14/2026

NWBPCA
ON-SITE INSPECTION REPORT
DAILY CONSTRUCTION PHOTOS



Photo No.:	**1**
Description:	View of work being conducted at Reach 5. Excavator in background stock piling soil.



Photo No.:	**2**
Description:	Excavation work was being carried out at Reach 5 using an excavator. Upon completion, barricades were installed around the excavation.

EXCEL Environmental Resources, Inc.

DATE: 8/14/2026

NWBPCA
ON-SITE INSPECTION REPORT
DAILY CONSTRUCTION PHOTOS



Photo No.: 3

Description: View of AM unit in Reach 5.

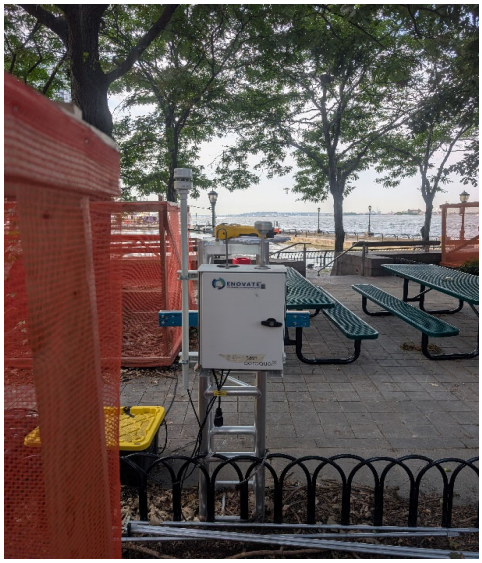


Photo No.: 4

Description: AM unit at the perimeter of the Reach 5 work area.

EXCEL Environmental Resources, Inc.

DATE: 8/14/2026

NWBPCA
ON-SITE INSPECTION REPORT
DAILY CONSTRUCTION PHOTOS

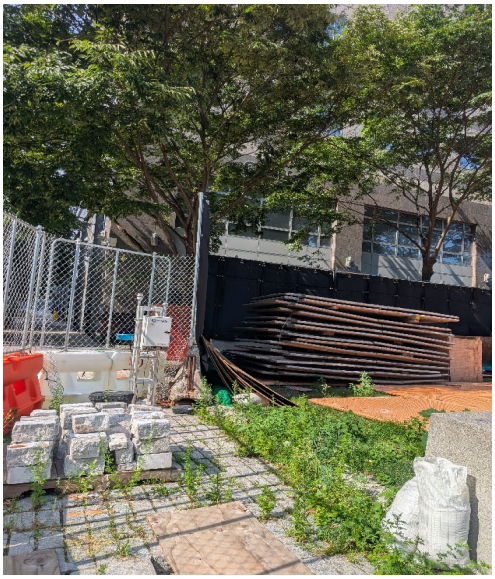


Photo No.: 5

Description: View of AM unit located in Reach 4. No work was being conducted at the time of the inspection.



Photo No.: 6

Description: View of AM unit located in Reach 3. No work was being conducted at the time of the inspection.

EXCEL Environmental Resources, Inc.

DATE: 8/14/2026

NWBPCA
ON-SITE INSPECTION REPORT
DAILY CONSTRUCTION PHOTOS



Photo No.: 7

Description: AM unit in Reach 1 adjacent to an area of exposed soils in the background.



Photo No.: 8

Description: View of AM-01 in Reach 1.

EXCEL Environmental Resources, Inc.

DATE: **8/14/2026**

NWBPCA
ON-SITE INSPECTION REPORT
DAILY CONSTRUCTION PHOTOS



Photo No.: **9**

Description: View of Reach 2 showing a vibration monitor. School building in the background.

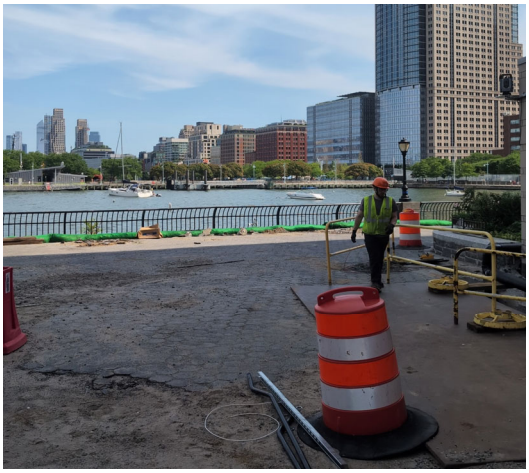


Photo No.: **10**

Description: View of worker preparing the work area adjacent to the school building in Reach 2.

EXCEL Environmental Resources, Inc.

AUGUST 2026 - ON-SITE INSPECTION REPORT

TIME AT SITE:	**0745hrs to 1100**	**EXCEL REPR.:**	**Brian Nale**
DATE:	**8/28/2026**	**PROJECT NO.:**	**25867**
WEATHER:	**75 - 82 Degrees F; Cloudy**	**LOCATION:**	**Manhattan, NYC**

PERSONNEL ONSITE	
Excel Environmental Resources, Inc.	Brian Nale

GENERAL SITE NOTES

0745hrs: Brian Nale (BN) arrived onsite to conduct a site inspection of construction activities in all active Reaches to verify work in progress, site conditions, and active use of best management practices (BMPs) to minimize the generation of dust and noise. Background air quality using hand held instruments indicated zero parts per million (ppm) of VOCs and a maximum PM 10 reading of 4.8 ug/m^3 of PM 10 dust.

0800hrs: Reach 7 - At the time of the site inspection, the work being conducted included sheet pile being driven along residential properties on Battery Place and utility trenching in progress. See Photos No. 1 and 2. Concrete was also being poured near the AM-02 station. Noise blankets were observed on the fencing across the Reach 7 work area. A sprinkler system observed in the Reach 7 work area and soils were moist or wet, depending upon the area although sprinklers were not active at the time of the inspection. Air quality using hand-held instruments for real-time measurements indicated no VOCs in the work area (zero parts per million, or ppm) and a maximum PM 10 dust reading of 4.1 ug/m^3 which is consistent with background.

0830hrs: Reach 6 - At the time of the site inspection there was no work was being conducted. There was an open area of exposed soil which appeared moist (See Photo No. 3). There was no visible dust and air quality using hand-held instruments for real-time measurements indicated zero ppm of VOCs and no measurable PM 10 dust. Noise blankets were observed on the interior of the perimeter fencing as shown in Photo No. 3.

0900hrs: Reach 5 - At the time of the site inspection, work being conducted iincluded soil excavation as shown in Photo No. 4. Work also included subgrade utitlity work and trenching. The ground surface and exposed soil appeared wet and a water truck was observed in the work area. Air quality using hand-held instruments for real-time measurements indicated zero ppm of VOCs and a maximum PM 10 dust reading of 5.7 ug/m^3 which is consistent with background.

0945hrs: Reach 4 - At the time of the site inspection, work being conducted included subgrade utility trenching and use of a vacuum truck to remove standing water in the excavations. See Photo No. 5. Noise blankets were also observed on the interior of the perimeter fencing. Air quality using hand-held instruments for real-time measurements indicated zero ppm of VOCs in the work area and a maximum PM 10 dust reading of 5.5 ug/m^3 which is consistent with background.

1000hrs: Reach 3 - At the time of the inspection there was no work was being conducted and Reach 3 was being used for materials storage as shown in Photo No. 6. There were also areas of exposed soil that appeared moist and noise blankets on the interior of the perimeter fencing as shown in Photo No. 7. Air quality using hand-held instruments for real-time measurements indicated zero ppm of VOCs in the work area and a maximum PM 10 dust reading of 2.1 ug/m^3 which is consistent with background.

1015hrs: Reach 1- At the time of the site inspection, work being conducted consisted of subgrade utility trenching and drilling to install concrete and sheet piles. There was no visible dust observed and air quality using hand-held instruments indicated zero ppm of VOCs and a maximum PM 10 dust reading of 6 ug/m^3 which is consistent with background. The ground surface appeared moist or wet and noise blankets were observed on interior of the perimeter fencing as shown in Photo No. 8.

1030hrs: Reach 2 - At the time of the site inspection, work being conducted included the removal of stone steps to the building and removal of paver stones along the waterfront (See Photos No. 9 and 10). The soil appeared wet and air quality using hand-held instruments for real-time measurements indicated zero ppm of VOCs in the work area and a maximum PM 10 dust reading of 5.2 ug/m^3 which is consistent with background.

1100hrs: AM units within each active Reach were confirmed to be operating at the time of the inspection, as confirmed by Excel's remote monitoring of the Aeroqual system. Site inspection complete and BN off-site

CONCERNS, CHANGES, OR UNANTICIPATED CONDITIONS

None at the time of the site inspection.

EQUIPMENT CALIBRATION RECORD

Instrument	Purpose	Battery (%)	Test Gas	Initial Reading	Adjustments	Initials
MiniRAE 3000	Total VOCs	100	Span 100 ppm	100 ppm	None	BN
MIE pDR-1000 DataRAM	PM-10	100	Zero Filter	Pass	None	BN

VOCs - volatile organic compounds (10.6 eV lamp)

PPM - parts per million

PM - particulate matter in ug/m^3

EXCEL Environmental Resources, Inc.

DATE: 8/28/2026

NWBPCA
ON-SITE INSPECTION REPORT

DAILY CONSTRUCTION PHOTOS

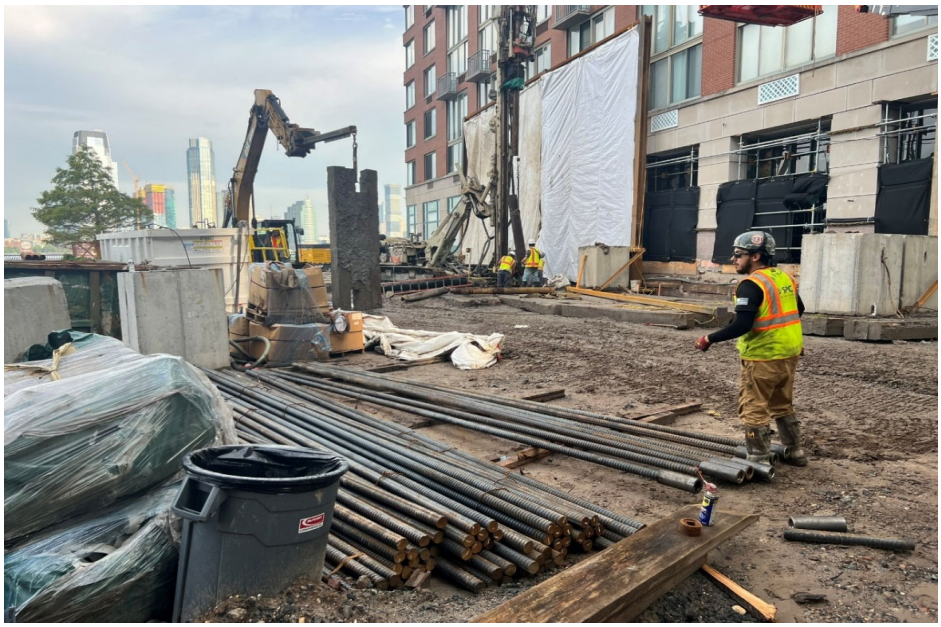


Photo No.:	1
Description:	View of drilling work being conducted at Reach 7. Noise blankets observed on the fencing.



Photo No.:	**2**
Description:	View of utility trench work being conducted at Reach 7. Noise blankets observed on the fencing.

EXCEL Environmental Resources, Inc.

DATE: 8/28/2026

NWBPCA
ON-SITE INSPECTION REPORT

DAILY CONSTRUCTION PHOTOS



Photo No.: 3

Description: View of open excavation and exposed soils at Reach 6.



Photo No.: 4

Description: View of excavation work being conducted at Reach 5. Water truck was observed at the time of the inspection in Reach 5 work area.

EXCEL Environmental Resources, Inc.

DATE: 8/28/2026

NWBPCA
ON-SITE INSPECTION REPORT

DAILY CONSTRUCTION PHOTOS



Photo No.: 5

Description: View of excavation and utility work being conducted at Reach 4.



Photo No.: 6

Description: View of material staging area at Reach 3.

EXCEL Environmental Resources, Inc.

DATE: 8/28/2026

NWBPCA
ON-SITE INSPECTION REPORT

DAILY CONSTRUCTION PHOTOS



Photo No.: 7

Description: View of open excavation and exposed soils at Reach 3.

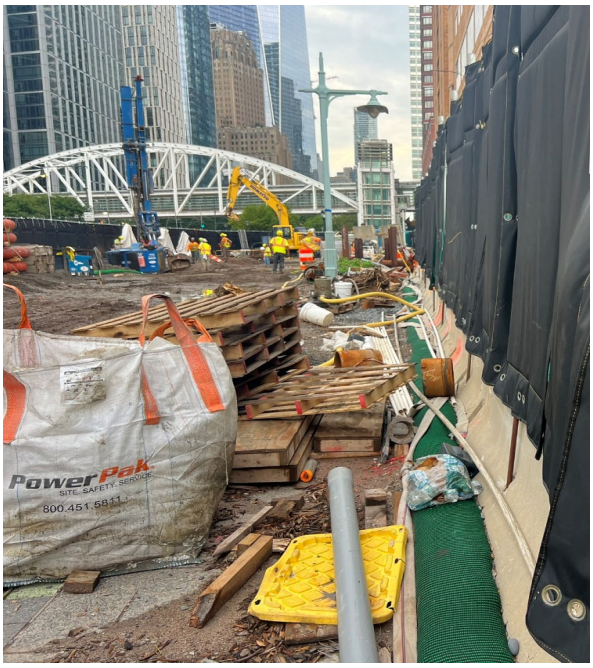


Photo No.: **8**

Description: View of work area at Reach 1. Noise blankets observed on the fencing surrounding the work area.

EXCEL Environmental Resources, Inc.

DATE: 8/28/2026

NWBPCA
ON-SITE INSPECTION REPORT

DAILY CONSTRUCTION PHOTOS



Photo No.: 9

Description: View of demolition work being conducted at Reach 2.



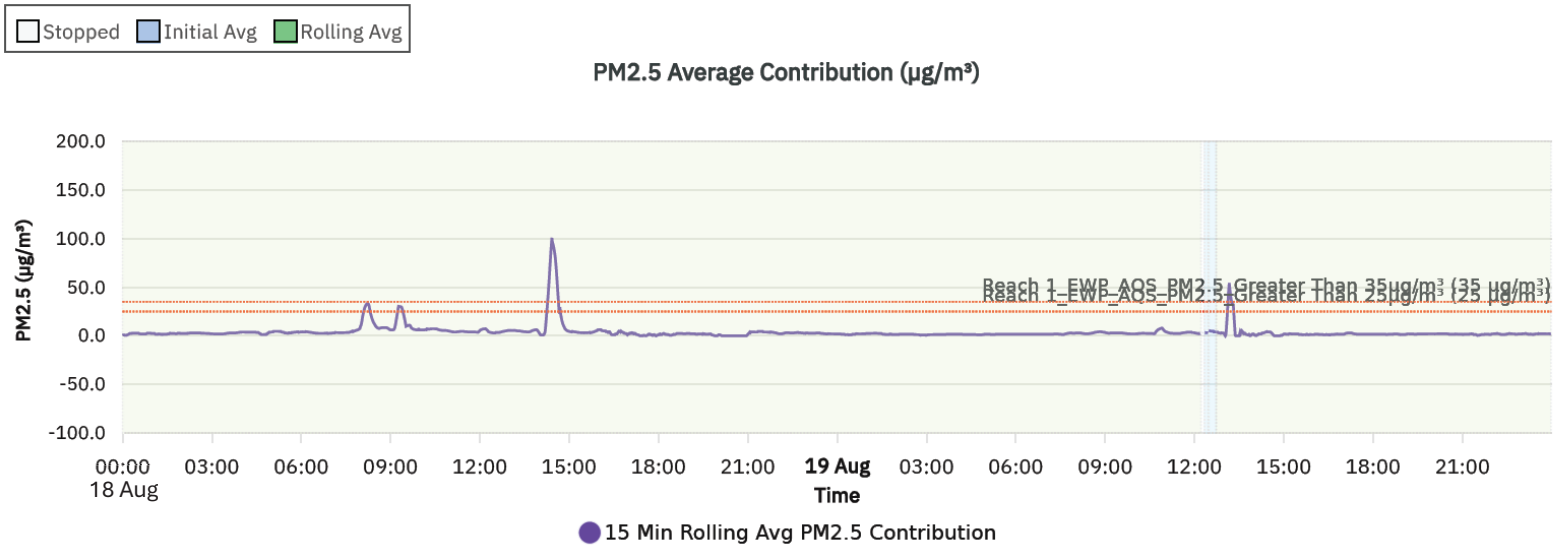
Photo No.: 10

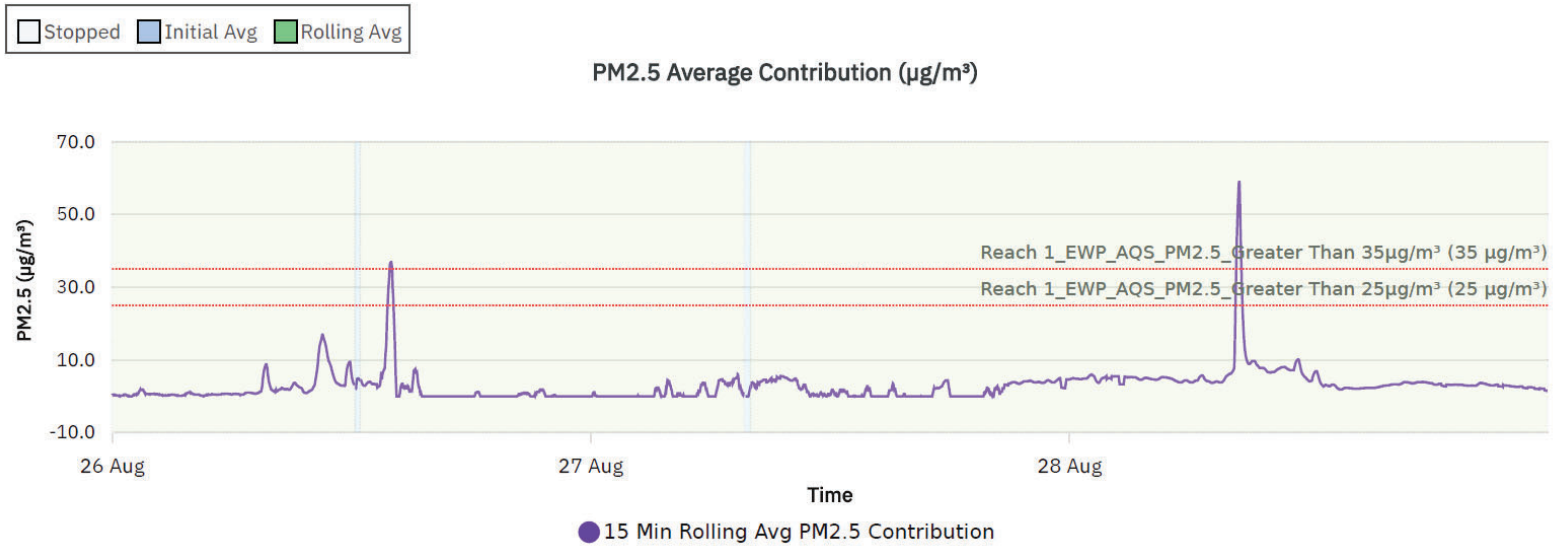
Description: Another view of the demolition work being conducted at Reach 2.

ATTACHMENT B

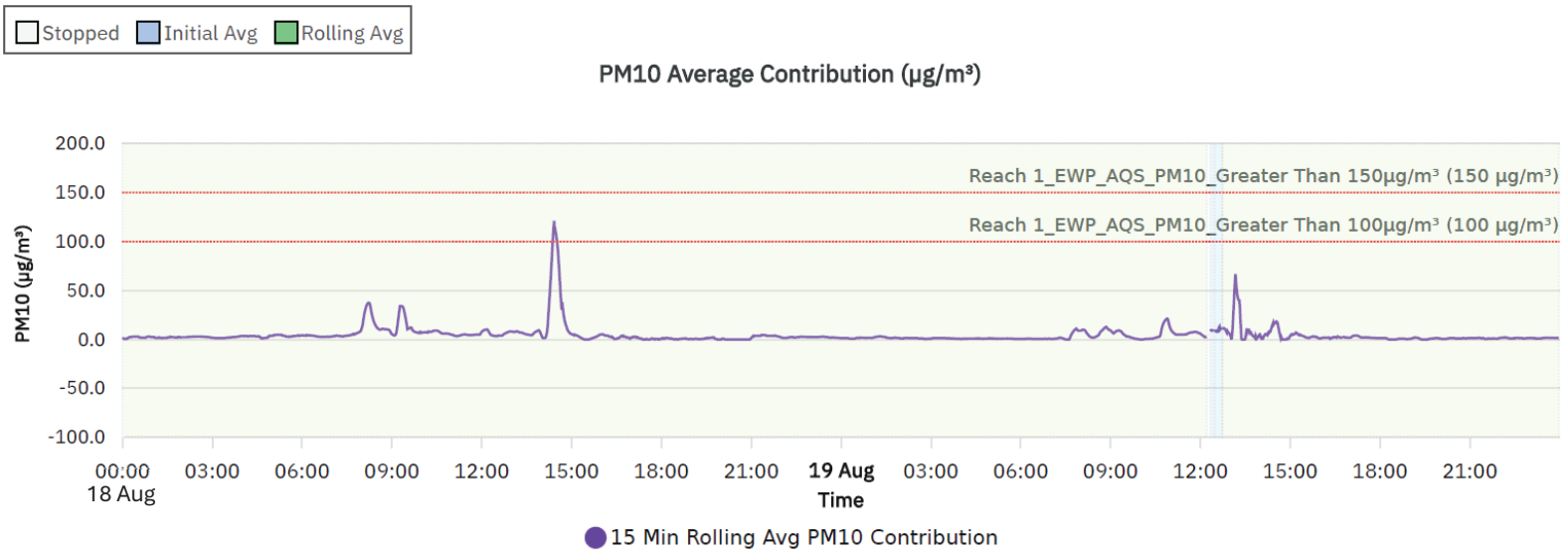
GRAPHS SHOWING DUST EXCEEDANCES ONLY

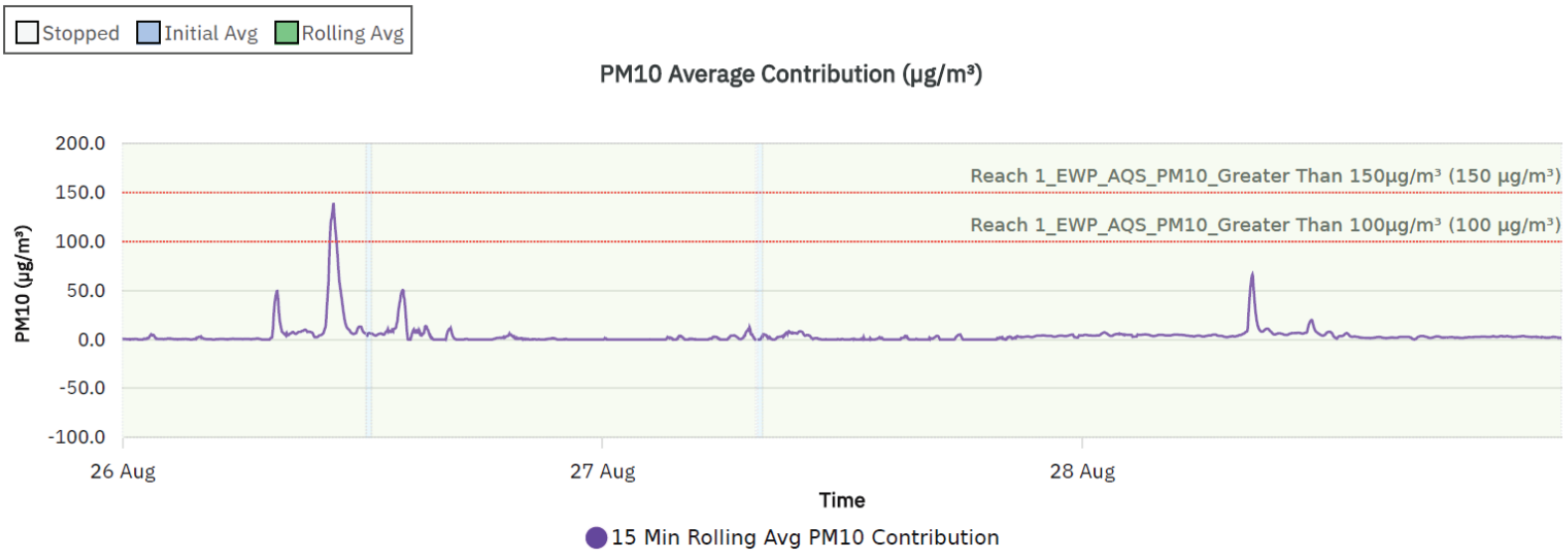
Reach 1 – PM2.5


Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
Reach 1_EWP_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 1_EWP_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
00:00
18 Aug
03:00
06:00
09:00
12:00
15:00
18:00
21:00
19 Aug
03:00
06:00
09:00
12:00
15:00
18:00
21:00
Time
15 Min Rolling Avg PM2.5 Contribution

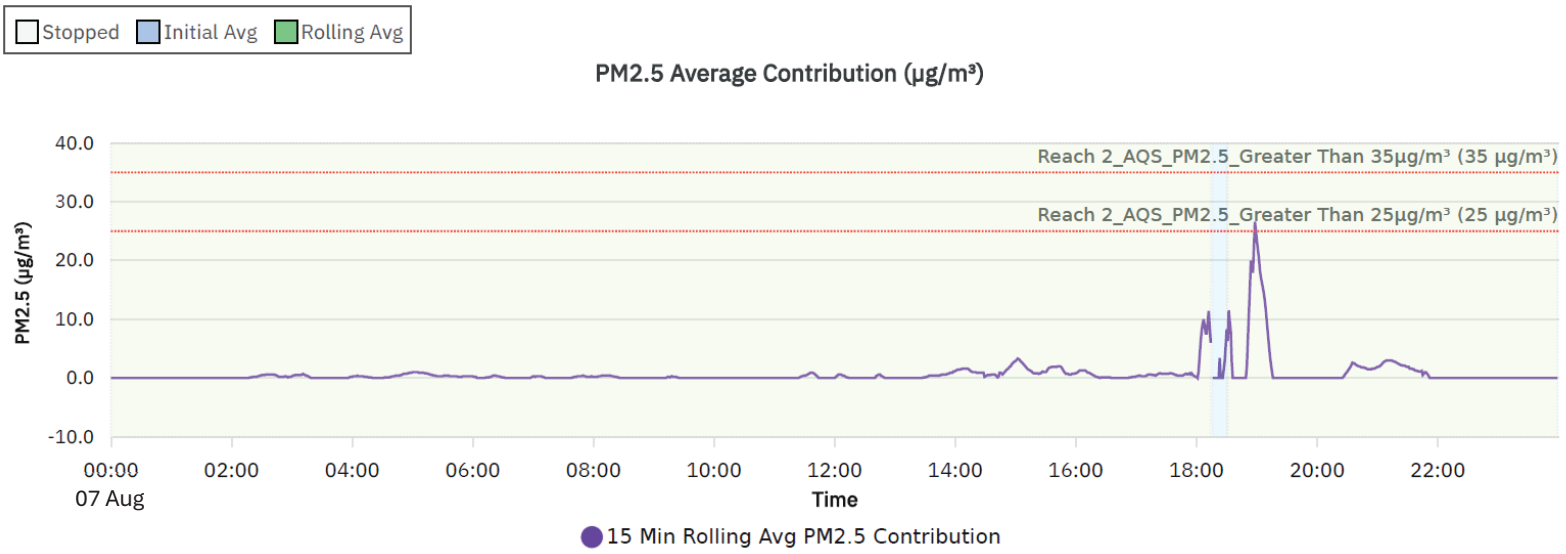

Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
70.0
50.0
30.0
10.0
-10.0
Reach 1_EWP_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 1_EWP_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
26 Aug
27 Aug
28 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

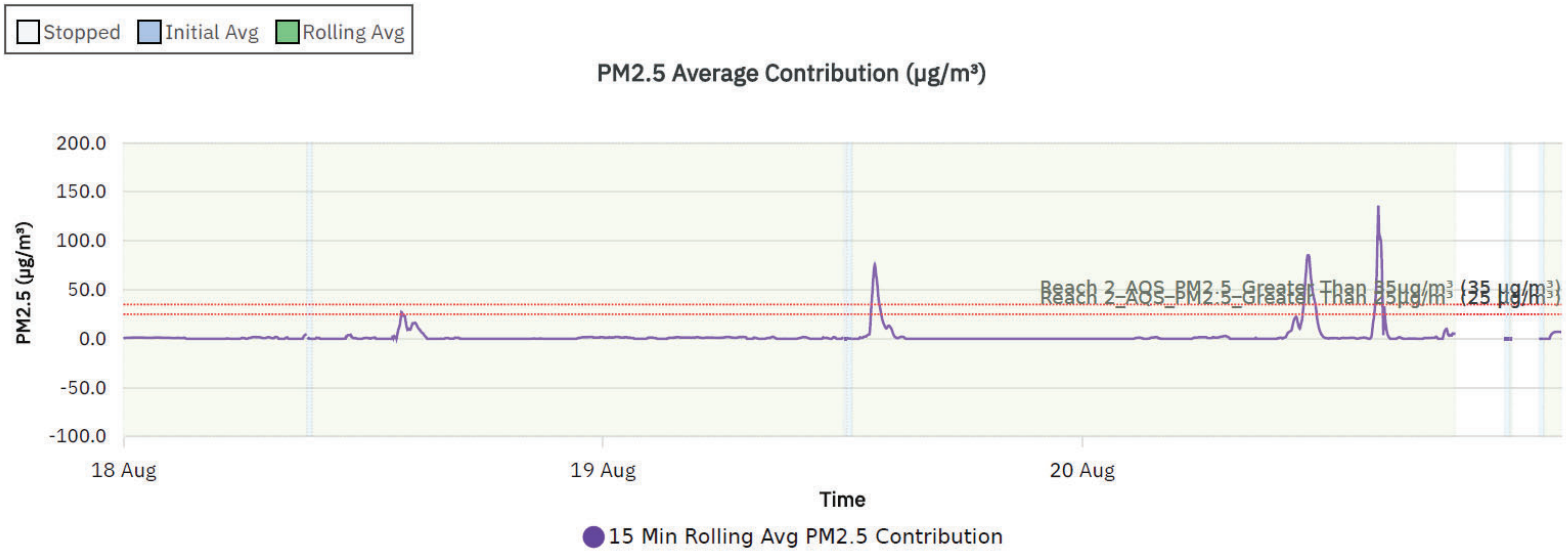
Reach 1 – PM10


Stopped
Initial Avg
Rolling Avg
PM10 Average Contribution (µg/m³)
PM10 (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
Reach 1_EWP_AQS_PM10_Greater Than 150µg/m³ (150 µg/m³)
Reach 1_EWP_AQS_PM10_Greater Than 100µg/m³ (100 µg/m³)
00:00
18 Aug
03:00
06:00
09:00
12:00
15:00
18:00
21:00
19 Aug
03:00
06:00
09:00
12:00
15:00
18:00
21:00
Time
15 Min Rolling Avg PM10 Contribution

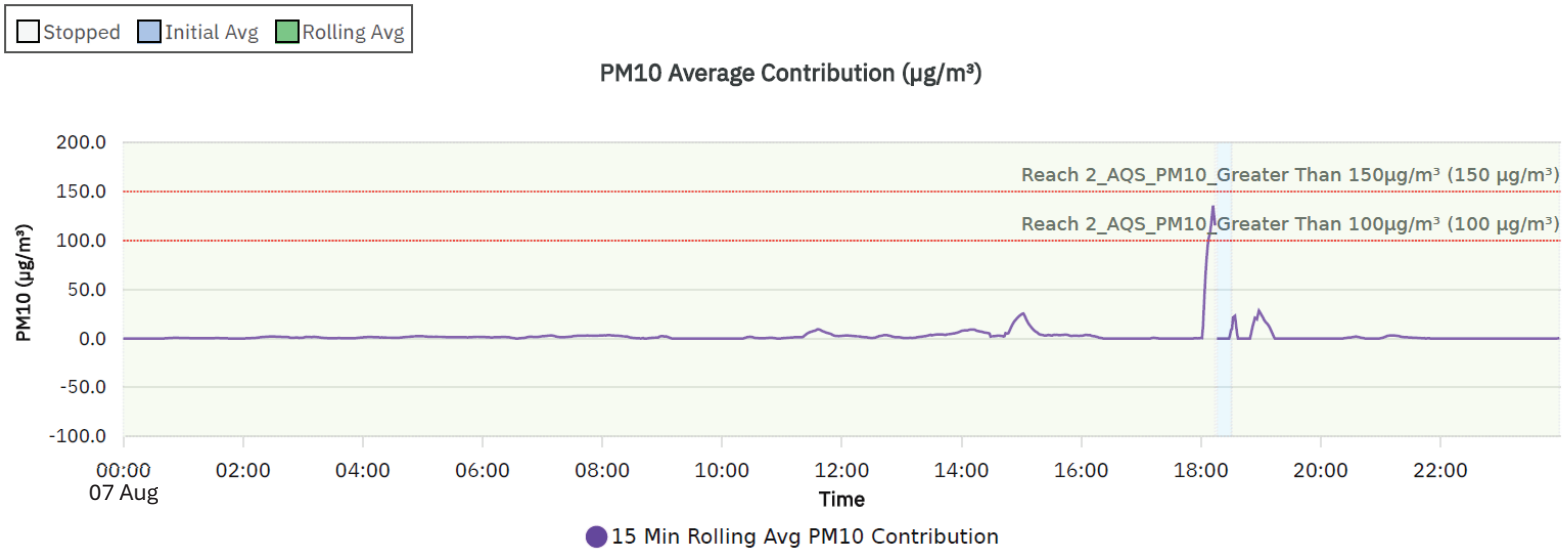

Stopped
Initial Avg
Rolling Avg
PM10 Average Contribution (µg/m³)
PM10 (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
Reach 1_EWP_AQS_PM10_Greater Than 150µg/m³ (150 µg/m³)
Reach 1_EWP_AQS_PM10_Greater Than 100µg/m³ (100 µg/m³)
26 Aug
27 Aug
28 Aug
Time
15 Min Rolling Avg PM10 Contribution

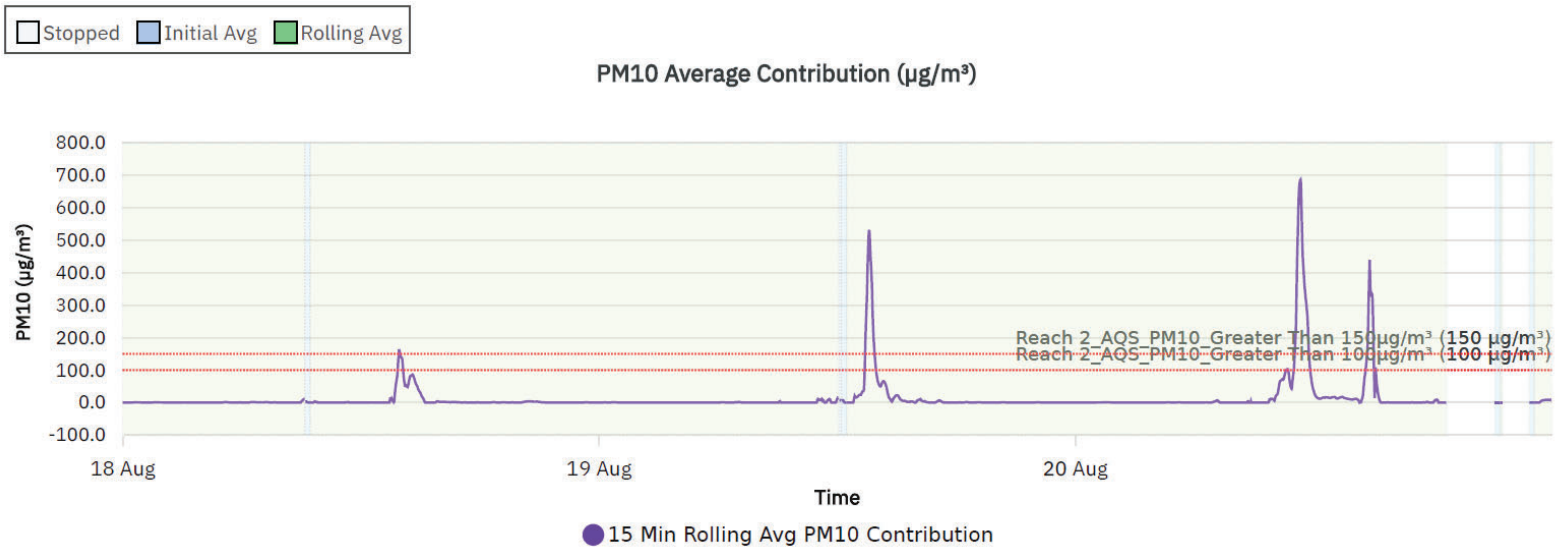
Reach 2 – PM2.5


Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 2_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 2_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
40.0
30.0
20.0
10.0
0.0
-10.0
00:00
07 Aug
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Time
15 Min Rolling Avg PM2.5 Contribution

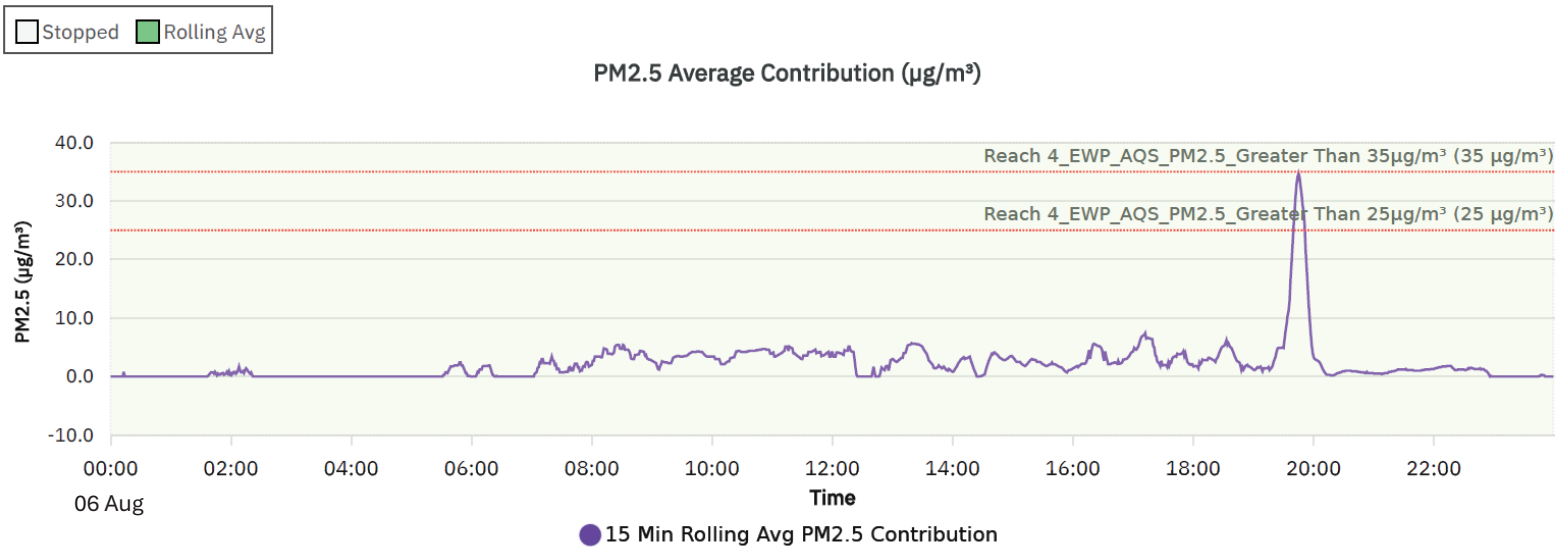

Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
18 Aug
19 Aug
20 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

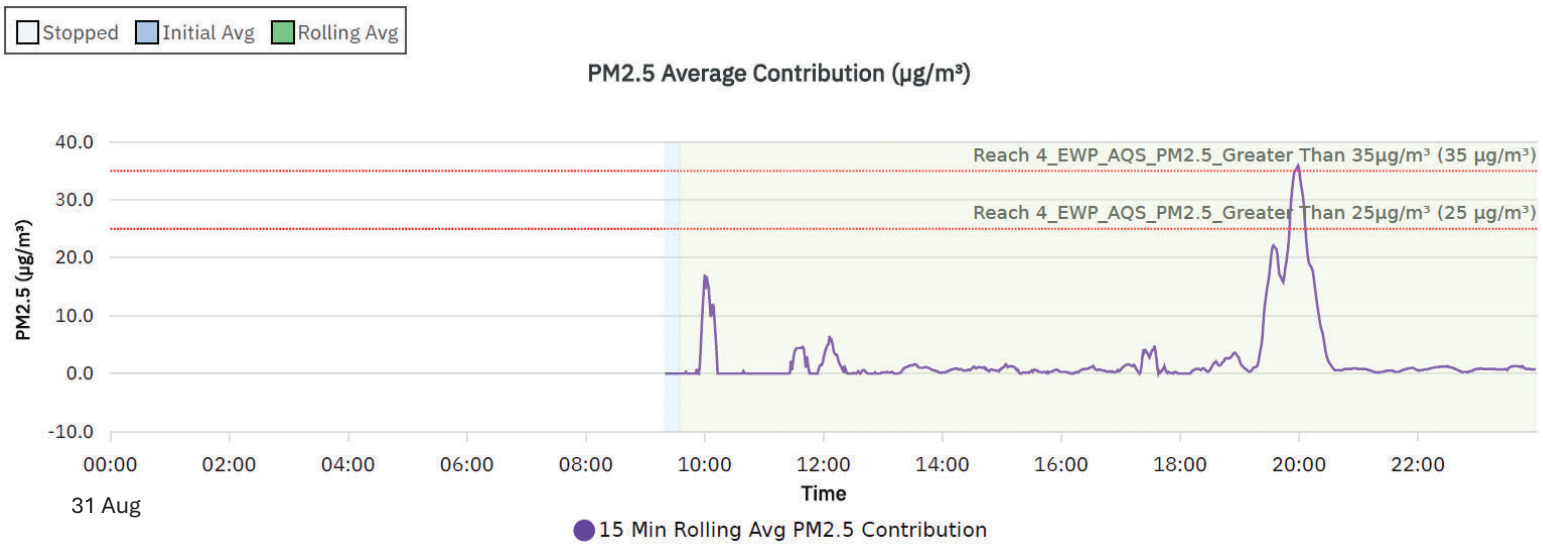
Reach 2 – PM10


Stopped
Initial Avg
Rolling Avg
PM10 Average Contribution (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
PM10 (µg/m³)
Reach 2_AQS_PM10_Greater Than 150µg/m³ (150 µg/m³)
Reach 2_AQS_PM10_Greater Than 100µg/m³ (100 µg/m³)
00:00
07 Aug
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Time
15 Min Rolling Avg PM10 Contribution

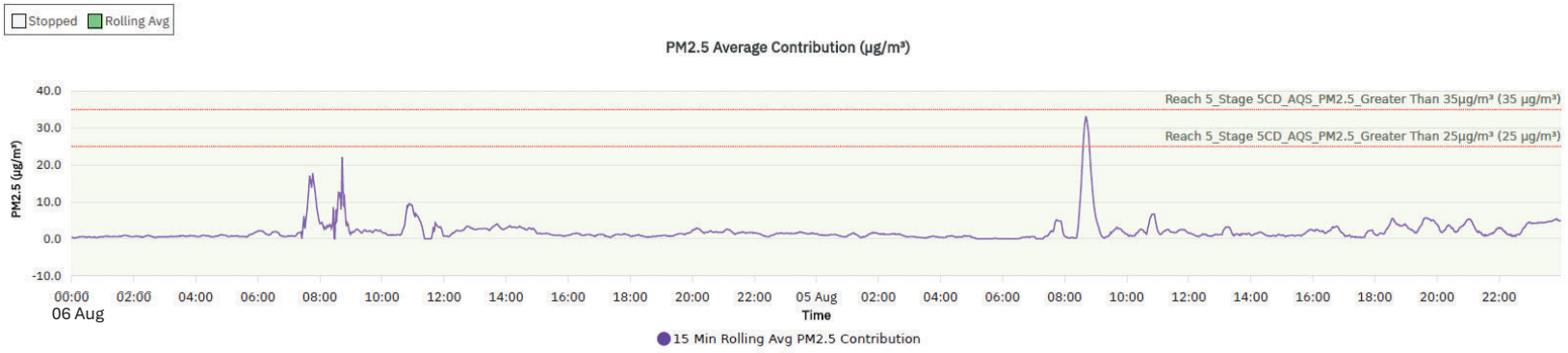

Stopped
Initial Avg
Rolling Avg
PM10 Average Contribution (µg/m³)
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
-100.0
PM10 (µg/m³)
Reach 2_AQS_PM10_Greater Than 150µg/m³ (150 µg/m³)
Reach 2_AQS_PM10_Greater Than 100µg/m³ (100 µg/m³)
18 Aug
19 Aug
20 Aug
Time
15 Min Rolling Avg PM10 Contribution

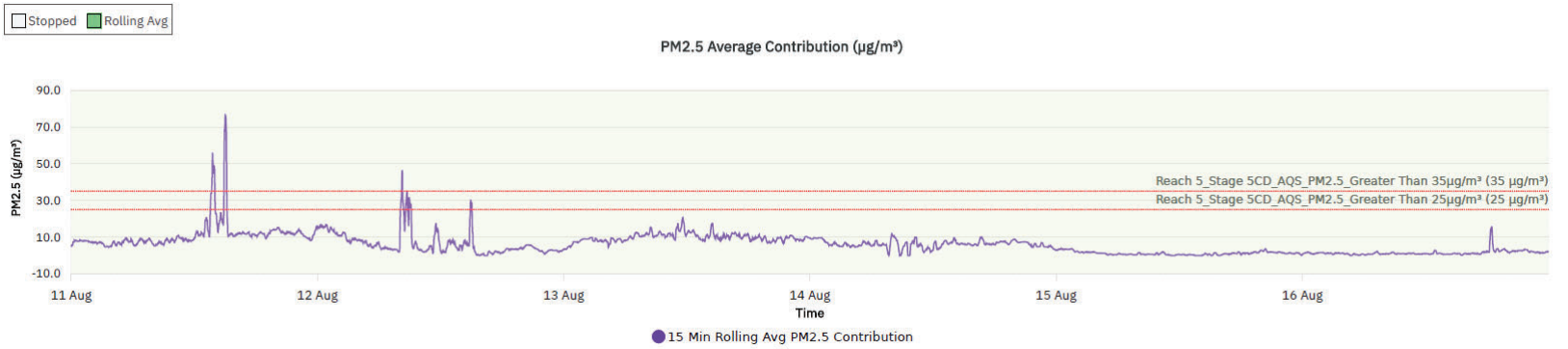
Reach 4 – PM2.5

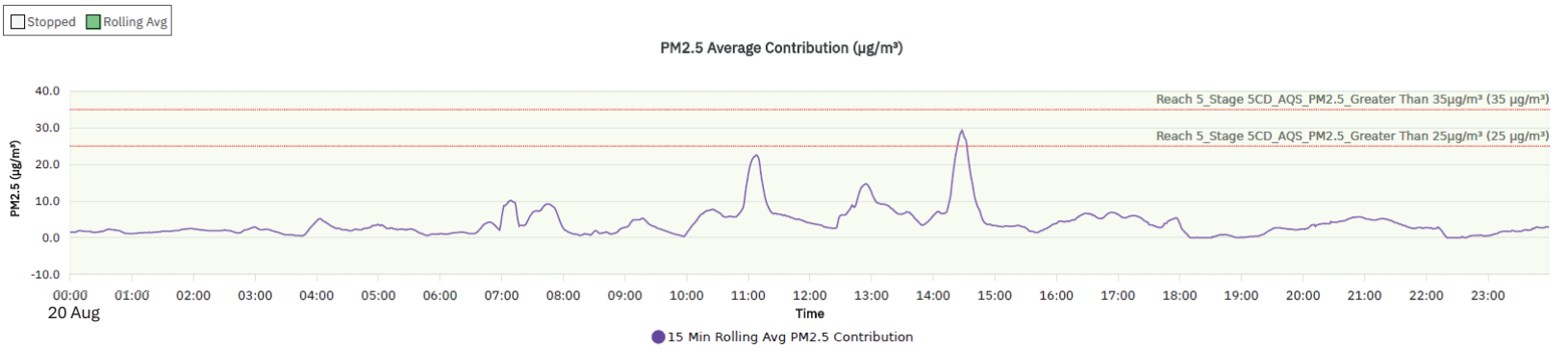

Stopped
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 4_EWP_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 4_EWP_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
40.0
30.0
20.0
10.0
0.0
-10.0
00:00
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
06 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

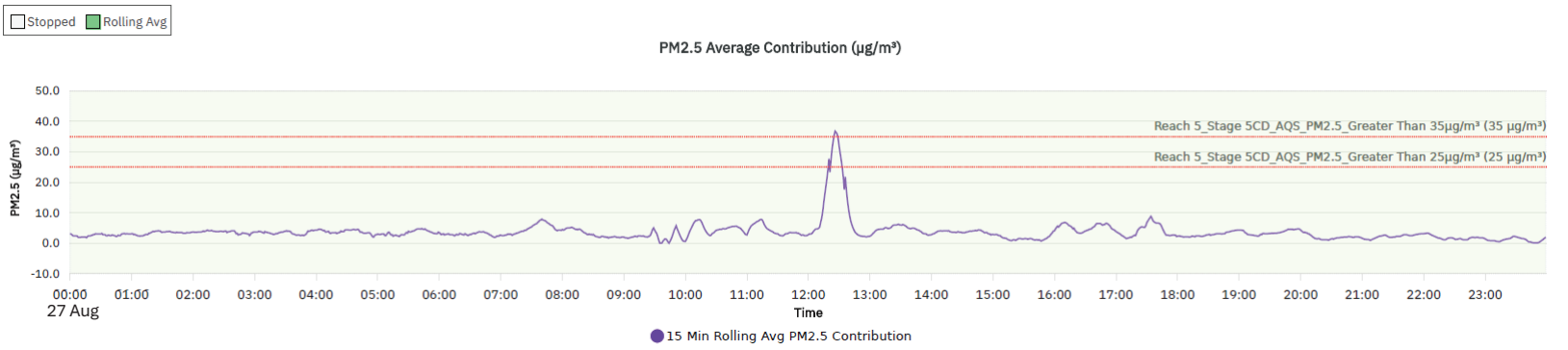

Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 4_EWP_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 4_EWP_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
40.0
30.0
20.0
10.0
0.0
-10.0
00:00
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
31 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

Reach 5 – PM2.5

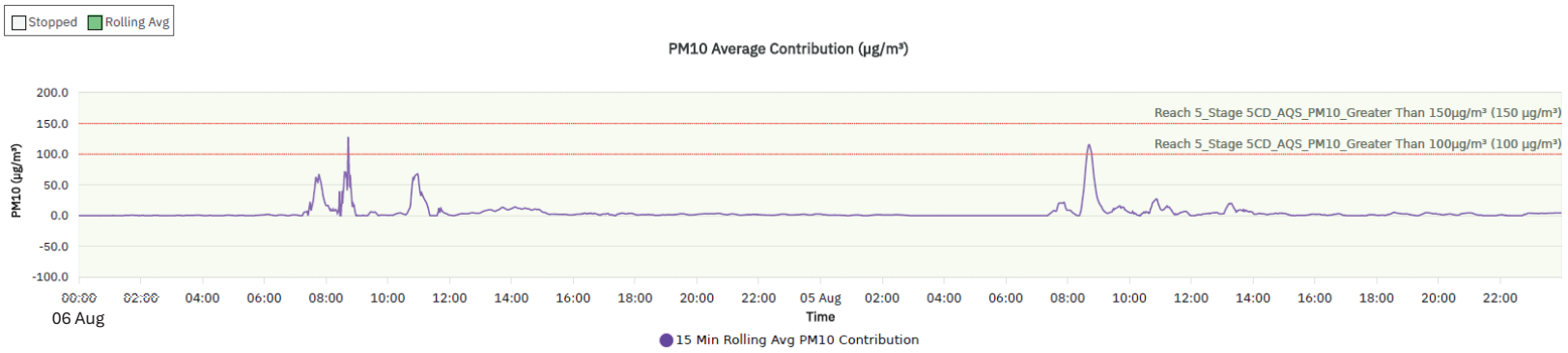

Stopped
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
40.0
30.0
20.0
10.0
0.0
-10.0
00:00
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
05 Aug
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
06 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

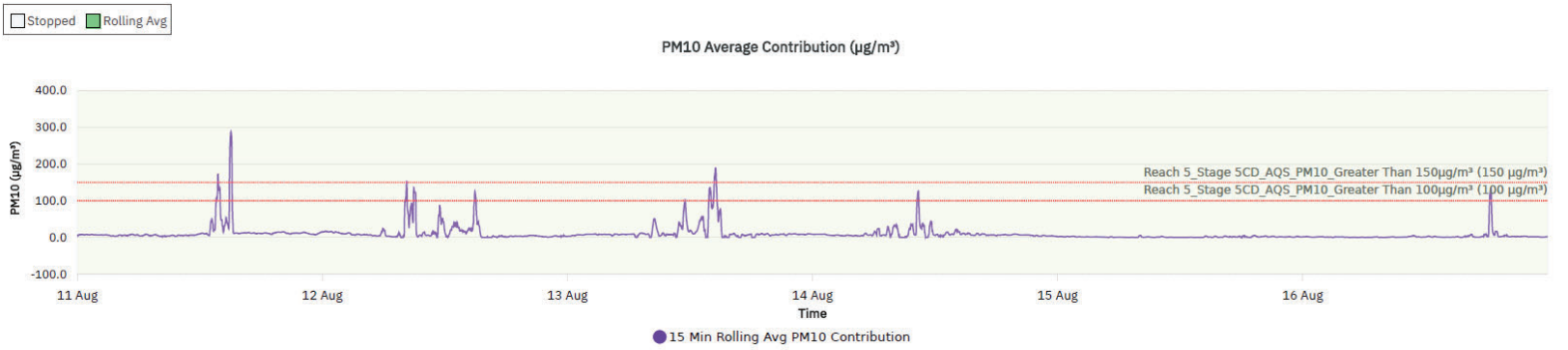

Stopped
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
90.0
70.0
50.0
30.0
10.0
-10.0
11 Aug
12 Aug
13 Aug
14 Aug
15 Aug
16 Aug
Time
15 Min Rolling Avg PM2.5 Contribution


Stopped
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
40.0
30.0
20.0
10.0
0.0
-10.0
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
20 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

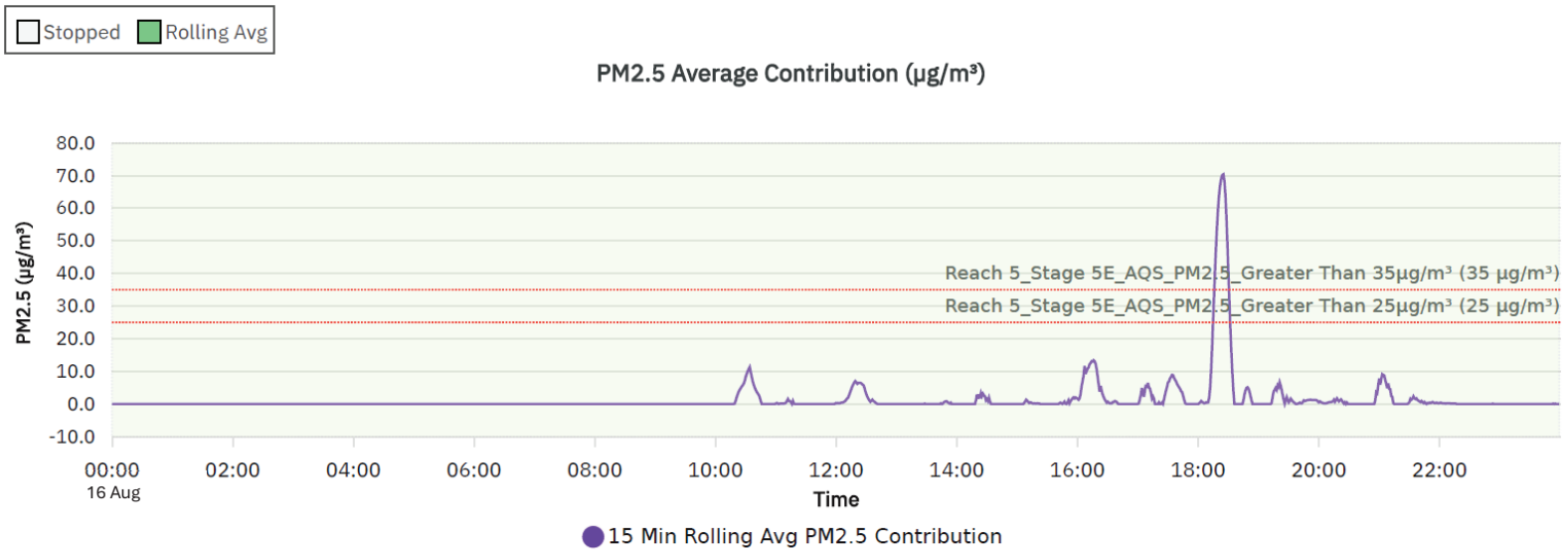

Stopped
Rolling Avg
PM2.5 Average Contribution (µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 5_Stage 5CD_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
PM2.5 (µg/m³)
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
27 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

Reach 5 – PM10

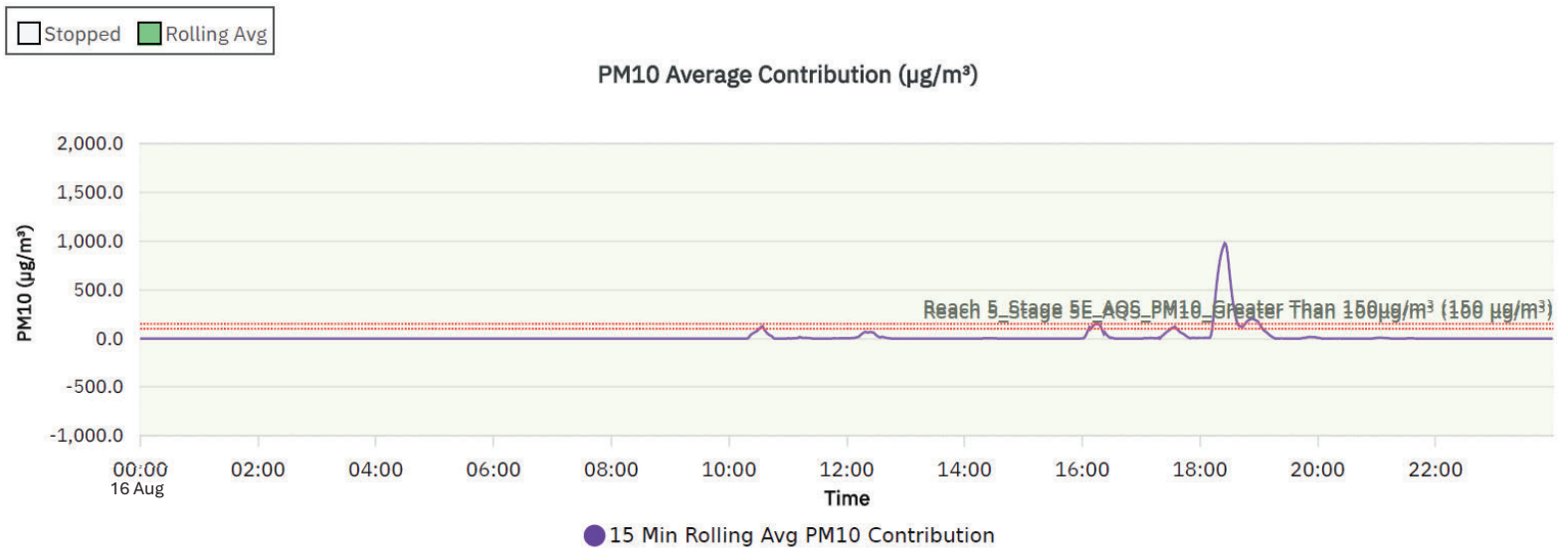

Stopped
Rolling Avg
PM10 Average Contribution (µg/m³)
PM10 (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
Reach 5_Stage 5CD_AQS_PM10_Greater Than 150µg/m³ (150 µg/m³)
Reach 5_Stage 5CD_AQS_PM10_Greater Than 100µg/m³ (100 µg/m³)
00:00
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
05 Aug
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
06 Aug
Time
15 Min Rolling Avg PM10 Contribution


Stopped
Rolling Avg
PM10 Average Contribution (µg/m³)
PM10 (µg/m³)
400.0
300.0
200.0
100.0
0.0
-100.0
Reach 5_Stage 5CD_AQS_PM10_Greater Than 150µg/m³ (150 µg/m³)
Reach 5_Stage 5CD_AQS_PM10_Greater Than 100µg/m³ (100 µg/m³)
11 Aug
12 Aug
13 Aug
14 Aug
15 Aug
16 Aug
Time
15 Min Rolling Avg PM10 Contribution

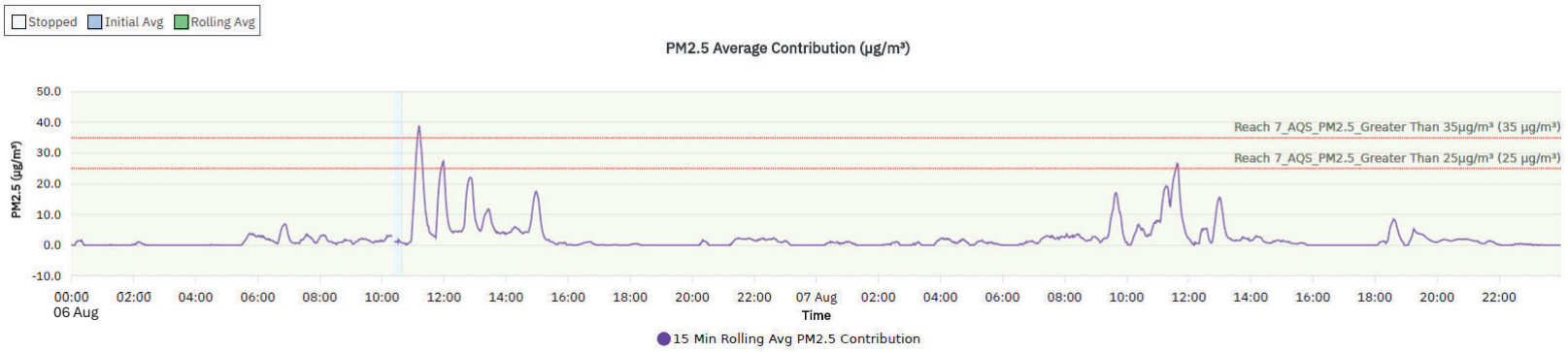
Reach 5 Stage 5E – PM2.5

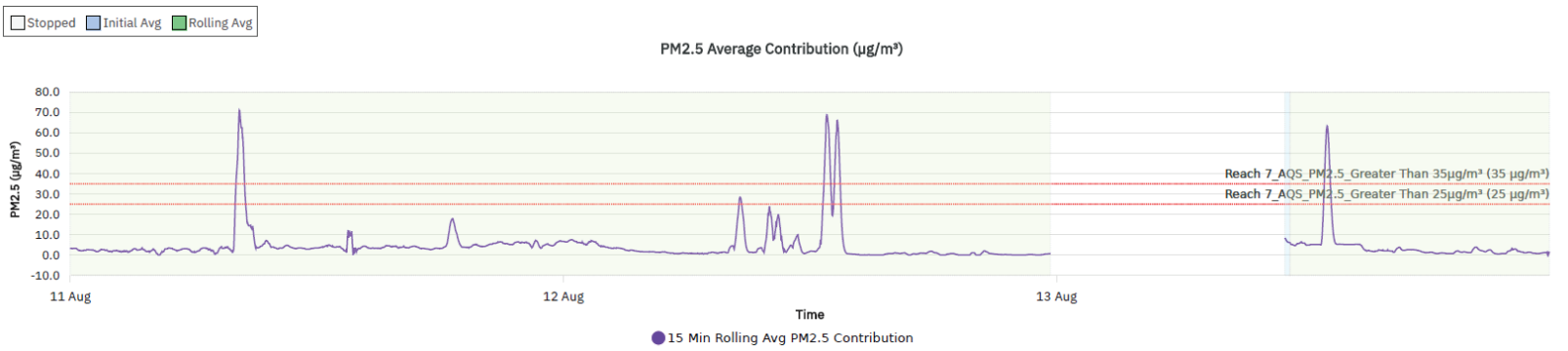


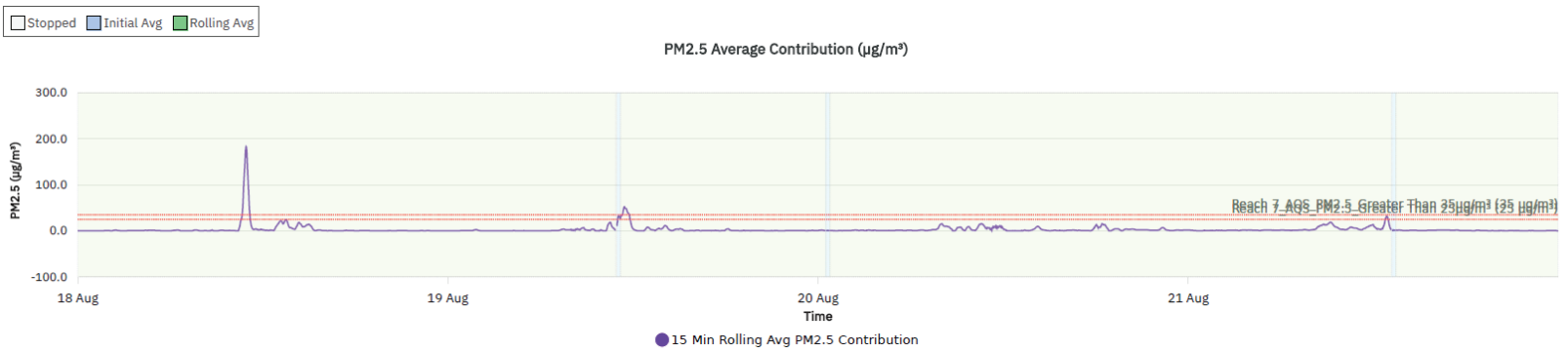
Reach 5 Stage 5E – PM10

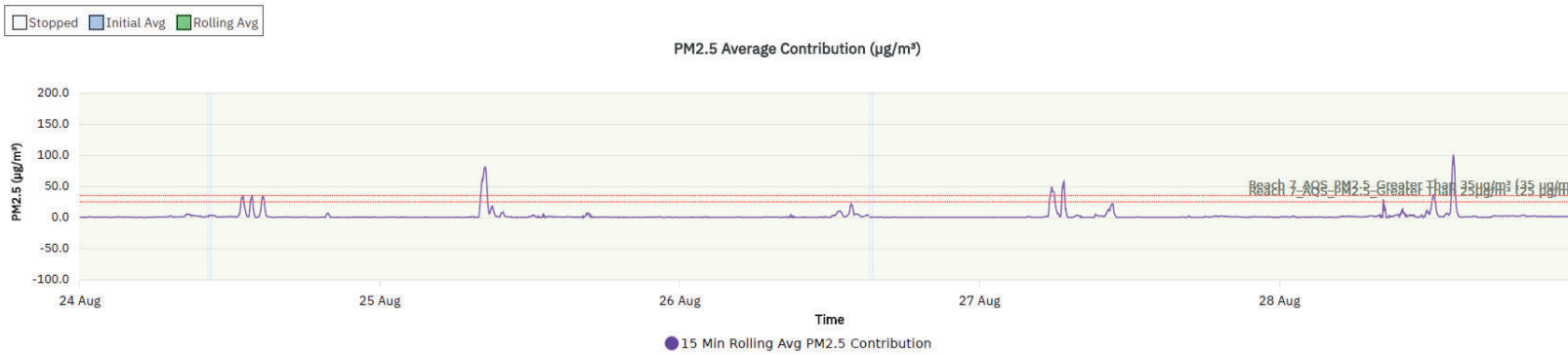


Reach 7 – PM2.5

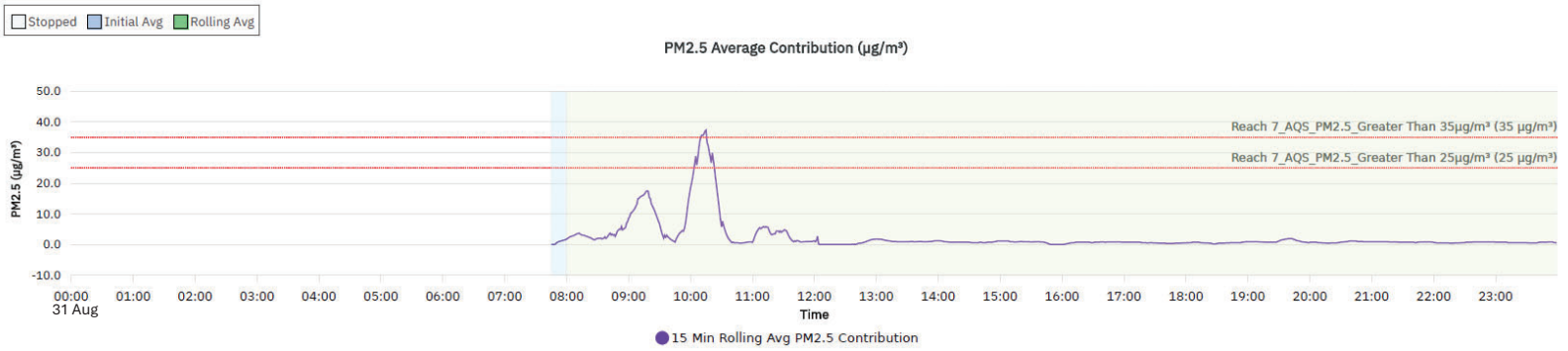

Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
Reach 7_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 7_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
00:00
06 Aug
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
07 Aug
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Time
15 Min Rolling Avg PM2.5 Contribution


Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
Reach 7_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
Reach 7_AQS_PM2.5_Greater Than 25µg/m³ (25 µg/m³)
11 Aug
12 Aug
13 Aug
Time
15 Min Rolling Avg PM2.5 Contribution


Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
300.0
200.0
100.0
0.0
-100.0
Reach 7_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
18 Aug
19 Aug
20 Aug
21 Aug
Time
15 Min Rolling Avg PM2.5 Contribution


Stopped
Initial Avg
Rolling Avg
PM2.5 Average Contribution (µg/m³)
PM2.5 (µg/m³)
200.0
150.0
100.0
50.0
0.0
-50.0
-100.0
Reach 7_AQS_PM2.5_Greater Than 35µg/m³ (35 µg/m³)
24 Aug
25 Aug
26 Aug
27 Aug
28 Aug
Time
15 Min Rolling Avg PM2.5 Contribution

Reach 7 – PM2.5 (continued)



Reach 7 – PM10

